

Request for Quotation (RFQ)
TXEB Plano Courtroom Technology System Upgrade Requirements

A Courtroom Technology System (CTS) originally installed in 2004 is in need of upgrades to the evidence presentation video distribution components and the installation & integration of a new, court-supplied, video conference system. The courtroom is located on the 3rd Floor at 660 North Central Expressway, Plano, Texas. Quotations will be accepted until 4:00 PM June 24, 2016 at 110 N. College Avenue, 8th Floor, Tyler, Texas 75702. Interested offerors may tour the facility by appointment by contacting the On-site Technical Representative listed below.

Procurement Contracting Officer:	Cheri Mahan, Financial Administrator 903-590-3219 Cheri_Mahan@txeb.uscourts.gov
Procurement Technical Representative:	Mark Taylor, Chief Deputy Clerk 903-590-3222 Mark_C_Taylor@txeb.uscourts.gov
On-site Technical Representative:	Renaе Spiegel 972-509-1248 Renaе_Spiegel@txeb.uscourts.gov

The functional requirements generally include:

- One matrix video switch:
 - Shall, at a minimum, have video inputs for:
 - Two Virtual Desktop “Zero Client” or PC DVI HD video output; analog stereo audio (1/8”) audio follows video; audio gain control, via the Crestron control system, of each input source is desirable (Locations: Judge, CRD)
 - Two laptop computer HDMI HD outputs; audio channels paired to these two inputs follow video switching; audio gain control, via the Crestron control system, of each input source is desirable (Locations: L Podium, R Podium)
 - One HD video conference unit via DVI-I; audio always hot (Location: CTS Rack mount)
 - One miscellaneous HDMI input source (Blu-Ray, DVD, etc.); audio channel paired to this input follows video switching; audio gain control, via the Crestron control system, of this input source is desirable (Location: CRD Bench)
 - One fixed video source of court seal (graphic supplied by court) for welcome/blackout screen (if this feature can be provided internally by switcher, video inputs can be reduced by 1) (Location: CTS Rack mount)
 - Video outputs shall include:
 - HDMI outputs to 16 x 9 1080p HD monitors (court will supply the monitors) (Locations: 3@ L Podium, 3@R Podium,3@CRD Bench, Judge, Law Clerk, Witness)

- One HD video conference unit (DVI-I) (Location: CTS Rack mount)
 - Wiring for all video/audio inputs and outputs may require installation of new cabling which shall be terminated on faceplates in existing boxes; removal of existing analog cabling is required and is to be done by the offeror
 - Video input and output connections for video conference unit to be made with DVI-I patch cable (units co-located in same rack)
 - Switch must be controllable via RS-232 port by Crestron CP2E control system
 - New unit is replacing an Altinex MultiTasker matrix switcher
- Depending on total outputs available in new switcher and/or wiring available, three 1x4 HD distribution amplifiers may be required as three output locations served by the matrix switcher will each have at least three output monitors in close proximity displaying the same video feed.
- Any distribution amplifiers or “extenders” used must be transparent to users and provide video quality equivalent to the input source.
- HD video conferencing unit supplied by the Court shall be installed & integrated with new CTS system
 - Polycom HDX 8000-1080 codec with two Polycom EagleEye III cameras
 - Shall be fully controllable via RS-232 port by the Crestron CP2E control system
 - New unit is replacing a Polycom VSX 8000
 - Each camera will be connected via Sound Control Technologies, Inc. RC2-HDP PTZ Camera Extension kits (utilizes dual CAT5e/CAT6 cable); necessary cabling to be provided by offeror
 - Offeror responsible for any cabling required for camera installation
- Integration with current Crestron CP2E control system and existing audio processors
- Two Crestron control panels, one wired @ CRD bench and one wireless, to be provided by offeror
- Programming of the Crestron control system , including X-panel controls; functionality of control system should be essentially equivalent to current system with the addition of effective DTMF telephonic dialing , revert-to-default-settings button and any additional features to be defined in consultation with offeror
- All rack-mount (switcher, VTC unit, etc.) equipment to be installed in existing Emerson Liebert Mini-Computer Room rack
- One video “upscaler/converter” for analog (composite, VGA, etc.) to HDMI plus stereo audio; unit shall be portable for use as needed, where needed and will be used to supply HDMI input into system from analog/SD sources.
- Installation
- Documentation
- Training

“Clause 3-3 Terms and Conditions – Small Purchases” and “Provision 3-5 - Taxpayer Identification and Other Offeror Information” of Volume 14 (Procurement) of the United States Courts Guide to Judiciary Policy and Procedure is incorporated herein by reference and are attached to this RFQ for the convenience of offerors.