

# U.S. District Court-District of South Dakota

## Sioux Falls Courtroom 1 Video System Upgrade

### Statement of Work

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#### **Project Location**

US District Court  
400 S Phillips Avenue  
Sioux Falls South Dakota 57104

**Start date:** Design due prior to September 30, 2017

**Site pre-bid inspection date:** August 23, 2017 at 1pm CST

**Bid Submission date:** September 8, 2017

**All questions MUST be in writing to [Jan\\_Marlette@sdp.uscourts.gov](mailto:Jan_Marlette@sdp.uscourts.gov).**

#### **Objectives**

Summary: We currently have a sound system and analog video distribution system in the courtroom for evidence presentation. We would like to upgrade the analog video to meet current technological needs. We also need a control system to manage both audio and video.

#### **Scope of Bid**

The bid will include all expenses associated with this project including but not limited to: Installation, equipment, travel, misc. parts and cables. All vendor provided equipment must be new.

#### **Hours of Work**

Hours of work will be 8:00am – 5:00 pm Monday through Friday unless otherwise arranged with the court staff.

#### **Install Schedule**

The schedule will be arranged with the selected upon award of the contract. We expect the project to take 1-2 weeks.

#### **Video System Design**

We would like to provide 1080p video resolution at all eight (8) display locations. This system will have multiple inputs and outputs (see below) and must be fully controlled by the control system. The vender will design hardware and cabling solution that will meet the needs of the court. Use of POE\POH devices is encouraged for use at table locations to avoid power cables.

## **Video Inputs:**

Wolfvision VZ9plus Document camera (existing equipment)  
Bluray player (vendor provided)  
cart VGA/HDMI (vendor provided)  
Attorney 1 VGA/HDMI (vendor provided)  
Attorney 2 VGA/HDMI (vendor provided)  
Wireless Video Input (i.e. Wepresent WiPG-1000 or similar solution) (vendor provided)

## **Video Outputs:**

Judge Monitor (vendor provided)  
Witness Monitor – small screen size  
Clerk Monitor  
Jury Monitor  
Law Clerk Monitor  
Court Reporter Monitor – small screen size  
Attorney 1 Monitor  
Attorney 2 Monitor

## **Control System**

The only current controls are gain knobs on the audio rack. We would like these removed and replaced with a fully automated control system operated at the clerks bench via a small touch screen

Controls will include gain and mute settings for all audio input and outputs, white noise bench conference button, video presentation controls (customized for courtroom presentation). Controls for 2 telephone hybrids.

The interface should be designed to match the interface that is used in Courtrooms 2 and 3 as closely as possible.

## **Existing Equipment:**

The Vender will use the existing audio equipment. Additional equipment will need to be provided by the vendor to complete the design specifications.

## **Existing Audio System**

The main mixer is a Lectrosonics DM1612

## **Cabling and Infrastructure**

All new cables and cable termination for video applications including:  
video inputs and outputs

Control cables for all applicable devices  
Control Panel touch Screens

### **Equipment to be provided by installer:**

HDMI distribution system in/out, HD Base T extenders  
HDMI or HDBaseT matrix switch  
Control system  
6- 1080P Monitors  
Bluray player  
Wireless Video Input Device – i.e. wepresent  
Other Equipment as specified by the vender to complete the design

### **Programming:**

The vender is responsible for all programming in the system. This will include any programming in the Audio\video systems and the control system. All programming code will become the property of the courts.

### **As Built Documents:**

The vender will provide a complete set of as built documents including system block diagrams and system wiring diagrams with a cable identification system.

### **Bid Pricing**

When submitting a bid, provide a cost breakdown for each task into the following categories: materials, equipment, labor hours and travel (if required).

Venders will be able to inspect the site and meet with court staff to clarify any issues on August 23, 2017 at 1pm CST.

### **Experience Required**

5 years of experience of Courtroom or similar AV installation and support is required. Contractors should list any prior experience in Courtroom or similar AV installation and any certifications that are applicable. Contractors who do not meet this requirement will not be considered.

### **Training**

The vendor will provide training for court personnel after the installation is complete. This will include both hands on training and written instructions. Electronic copies of the system instructions will be given to the court.

### **Job site and Cleaning**

All efforts must be made to protect existing finishes and equipment. All trash is the responsibility of the

vendor and must be removed from the site. The vendor is expected to clean and vacuum the courtroom. The courtroom must be brought back to existing or better condition than when the project started.

Excess cabling needs to be taken from the premises.

## **Acceptance**

Upon completion, the vendor will align, balance and completely pretest the entire system under full operating conditions. The final product will be deemed acceptable at the end of the project after testing by court staff. Sound levels must be at an acceptable level to the court staff. The video system must function as specified. The control system must be complete and functioning.

## **Warranty**

The vendor shall warrant all work executed under the contract, including all in shop and on-site material, parts and labor, for a period of 12 months.

The vendor will respond and correct on-site trouble calls within one working day of the report.

Maintenance and repair service shall not include the performance of any work due to improper use; accidents; other vendor; or owner tampering with or damaging the system.