

**United States Court of Appeals for the 8th Circuit**

**Thomas F. Eagleton Courthouse**

**St. Louis, Missouri 63102**

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**Statement of Work (SOW)**

**Introduction:**

The United States Court of Appeals for the 8th Circuit would like to have the audio and video

upgraded in our 22nd floor multi-purpose room. The court would like to select an installation

contractor to perform the upgrades and is requesting quotes for this scope of work.

**Scope:**

The multi-purpose room is 55-feet long by 40-feet wide by 9-feet high (from floor to bottom of ceiling tiles). The room is about 60-feet away from the data closet where the rack is located. The room currently uses (4) Shure microphone arrays model MXA910W. The mic array system needs to be configured to eliminate audio “dead” zones in the room. The microphone arrays are currently configured in a straight-line down the center of the room. We will need to add (6) desktop wireless microphones and (2) wireless bodypack lavalier microphones to this system. We will need to add (2) 12x zoom PTZ cameras, one in the front and one in the rear of the multi-purpose room. We will need an AV bridge to accommodate the (2) cameras and allow for streaming capabilities. We will need the AV bridge to have a USB out that will run from the data closet to a USB wall plate (labeled for camera) in the multi-purpose room for connection to a laptop. We will need additional Crestron programming to add controls to the Crestron touch screen for the additional cameras and microphones. There (2) XLR connectors (1-male, 1-female) on a wall plate in the multi-purpose room that will need to be tested to verify they are working correctly. The current swing-out wall mounted rack in the data closet will need to be replaced with a larger, 22U rack, swing-out and wall mounted with a vented door and cooling fan mounted in the rack. Equipment in the existing rack will need to be removed and replaced in the new rack.

All copies of As-Built drawings, documents, software programming files, etc., will be provided by the installation contractor as separate files upon completion of the project.

The 8th Circuit Court of Appeals standard for AV equipment use is Crestron, Biamp, Extron and Vaddio.

The contractor is responsible for the removal of all trash, tools, and equipment prior to completion of the project.

All solicitation and technical questions should be directed to Jim Hoelker, Courtroom Technology Administrator (CTA) or Tad Biggs, Assistant Circuit Executive (ACE)

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