

ATTACHMENT 7
SCOPE OF WORK
Also agreement APPENDIX A

Project Summary

Provide a total replacement of audio and video system for (9) courtrooms in the Imperial County Historical Courthouse. There are (4) small courtrooms, (2) medium courtrooms, (2) large courtrooms and the Department 1 courtroom. All courtrooms should be receiving the same equipment update that should provide new microphones, speakers systems, display systems, video inputs, control systems and UC conferencing solutions that include USB cameras and audio integration.

Project Objective

Provide easy to use and dependable solutions for the spaces that should encourage users to want to use the technology. The systems should also provide the ability to scale as needed in the future to allow new audio and video devices or sources to be added as required with minimal cost and disruption to the existing systems.

Project Notes

- All systems should include a 1-Year warranty on equipment and workmanship.
- All displays also include a 3-Year manufacturer warranty.
- All displays are 4K UHD, 3840*2160 60Hz.
- All Power and client LAN connections will be provided by owner.

Project Requirements

Microphones – Desktop microphones should be installed at Judge, Witness and all attorney table locations. Four tabletop wired mics should be the minimum. Two handheld wireless microphones should also be provided for each courtroom.

Speakers – A distributed speaker system should be installed in all courtrooms. The speaker's configuration should have ability to separate into zones if needed.

Audio Signal Processing – A digital signal processor should be installed to provide audio routing and control. The system should include echo cancelation for audio conferencing along with a VoIP interface and USB audio for (2) separate devices. The USB devices would include an owner-furnished recording computer and an owner-furnished laptop or computer used for video conferencing.

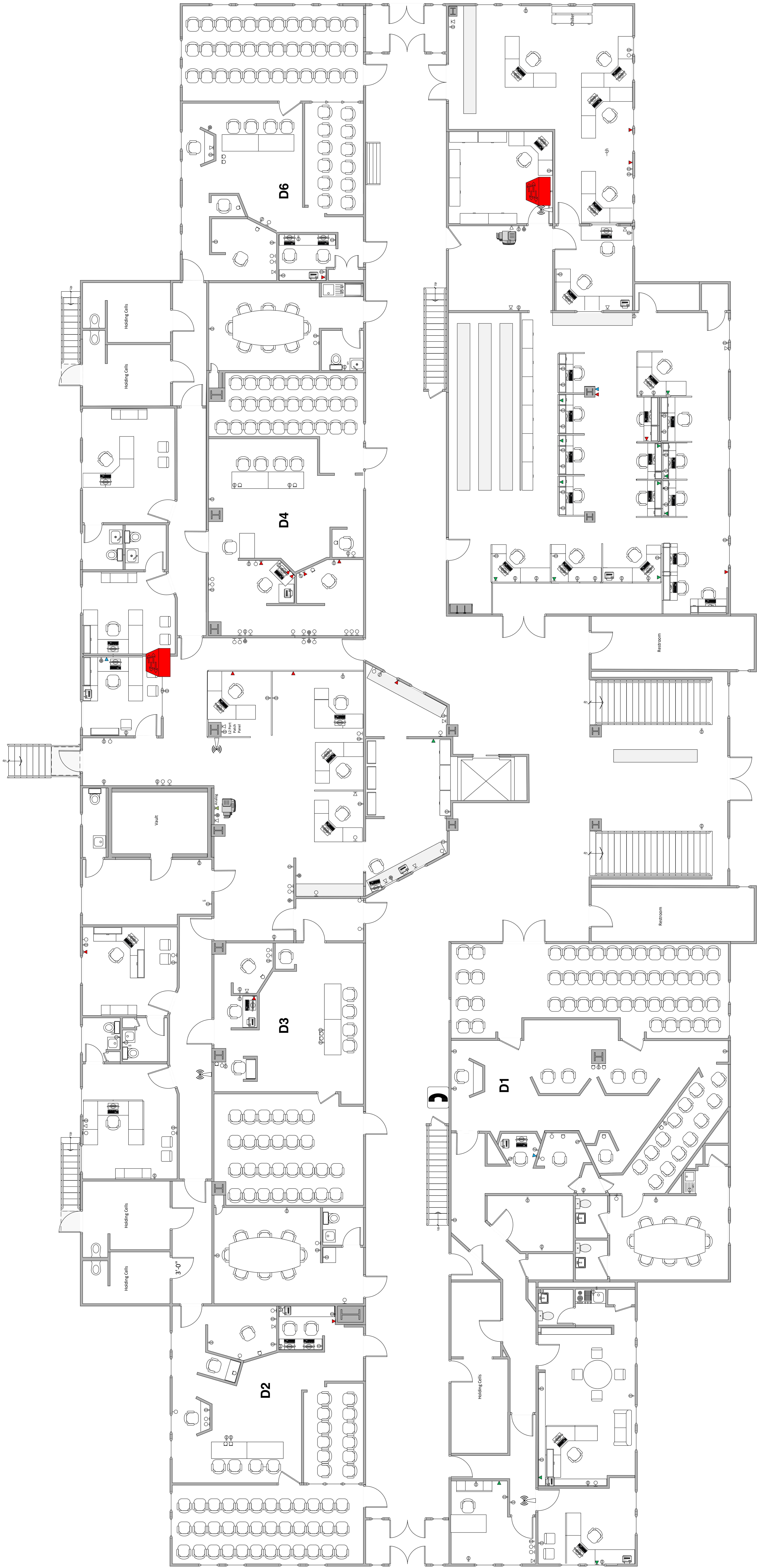
Video Displays – All courtrooms should have large wall mounted flat panel displays and a single 22" desktop display located at the Judges bench for evidence viewing and video conferencing use. Small and Medium courtrooms should include (2) 75" displays. The Department 1 courtroom should have (1) 75", (1) 85" and (1) 55" displays installed. The Large courtrooms should have (1) 82" and (2) 75" displays installed.

Video System – The system should include wire and wireless presentation capabilities for users. Wired inputs should be located at the Attorney tables and bench and a wireless presentation device should allow users to present wirelessly from laptops, tables and smartphones. Owner furnished laptop should also be capable of connecting to courtroom video displays.

Video Conferencing – Two video cameras and a USB camera selector should be installed in each courtroom to provide video conferencing capabilities for an OFE computer running any of the common UC platforms available such as Teams and Zoom. The camera selector should provide single camera images, picture-in-picture or even side-by-side video for these applications.

Control System – Each courtroom should include a single 10" desktop touch control panel that should allow the user to control all aspects of the systems. These would include audio controls and video routing.

Equipment Racks – A small equipment rack should be provided for each courtroom and should be located under the bench area of each courtroom. PDU should be included in the proposal for the rack.



Four Wireless Access Points On First Floor

