



STATEMENT OF WORK (SOW)

Judge Roberts Courtroom 226 - Courtroom Technology Upgrade

BACKGROUND INFORMATION

The U.S. District Court – Michigan Eastern District has been upgrading the AV technology in its courtrooms over the past few years. We have installed a few systems in Detroit and one in each in our divisional courthouses in Ann Arbor, Bay City and Flint. The Courts standard system utilizes Crestron for control, Biamp for sound and Extron for annotation. Judge Roberts Courtroom 226 located at 231 W. Lafayette Blvd, Detroit, Michigan, is next on our list for an AV technology upgrade.

OBJECTIVE

The purpose of this Statement of Work (SOW) is to provide the District Court with proposals on upgrading the courtroom technology equipment, control system, sound system, installation and programming. The Court will conduct a walkthrough of the courtroom on **September 9, 2016 @10:00 AM** and is asking contractors to attend. The Court will discuss the equipment and services requested on attachment A.

SCOPE OF WORK

The U.S. District Court – Michigan Eastern District's standard for courtroom AV equipment has been to use Crestron, Biamp and Extron. Equivalent equipment can be quoted and will be considered. Equivalent equipment quotes must be submitted with documentation and specifications on how the equipment conforms to existing installs and programming.

This courtroom is scheduled for construction. The construction will consist of trenching the floor for conduit runs and installing floor boxes. The jury box will be moving to the opposite side of the courtroom. The courtroom technology installation will be coordinated with this construction. The award winner for this project will be required to have staff available to meet with the construction contractor for various infrastructure locations and requirements. The rack will be located in a room located behind the courtroom

The existing courtroom and chambers speakers will be used. Existing feeds for these locations need to be located and protected before construction. Jury speakers will be new. We want to upgrade the existing Biamp Audiaflex with the Biamp Tesira model and add a Shure dual wireless microphone to allow for a handheld and lapel to be used at the same time. We will be installing five or six monitors on articulating arms in the jury box in this courtroom for jury viewing. Also would like to add interpreter function.

- . Judge Roberts Courtroom 226 Technology Upgrade:
1. **Contractor walkthrough on September 9, @10:00 AM in Detroit Michigan.**
 2. **Equipment, Installation and Design Quote due on Friday September 15, 2016 @5:00 PM**
 3. **Quotes must include amount of time needed to complete the project and length of lead time needed for start of project.**
 4. **Review of Quotes and Awarding of contract (Subject to the Availability of Funds)**
 5. **Installation and programming of equipment (to be approved by COTR)**
 6. **Testing of Equipment and control system (to be approved by COTR)**
 7. **Training IT and chambers personnel on the use of the equipment.**
 8. **Power Point or equivalent presentation on courtroom operation.**
 9. **Project sign off on completion of courtroom by COTR**

SECURITY REQUIREMENTS

The contractor shall provide competent personnel to perform services under this contract. Work shall be performed in accordance with the best commercial practices, without unnecessary delays or interference with the Court's mission or functions. The Contracting Officer (CO) and the Contracting Officer's Technical Representative (COTR) reserves the right to judge the adequacy of the services provided, and may require the contractor to replace the support resource(s), if deemed inadequate. Formal U.S. Marshal Service security clearances are required prior to the start of any work. Personnel contracted by the Courthouse to provide services covered under this contract will be subjected to security background checks and U.S. Marshal daily inspections when entering the Courthouse. The contractor shall be responsible for completing a contractor clearance document for the contractor's employees performing said services. Upon completion, the document should be returned via fax or email to the Contracting Officer, Bill Truskowski, at 313-202-5843. This document enables the Court to complete a background check on the worker(s) provided by the contractor. The document **MUST** be completed prior to the contract work start date. Under no circumstances shall any court data and/or property be taken or removed from the court.

DOCUMENTATION REQUIREMENTS

The Contracting Officer (CO) will issue the winning bidder a purchase order based on the Statement of Work. The Court's purchase order will be the **ONLY** governing document for the procurement of goods and services from the contractor. The contractor shall be responsible for providing an invoice billed to the Court with net 30 day payment terms. The Court does not pay for services prior to them being rendered. Upon receipt of the invoice by the Court, and verification that work has been completed by the Court's Technical Representative, payment will be rendered to the contractor for the specified amount.

CONTRACT CLAUSES

Once the Award has been made, the Court reserves the right to cancel the contract with the contractor for failure to complete the work as specified in this agreement. The person(s) assigned by the contractor to perform the specified work shall not be deemed a U.S. District Court Employee, but shall be an employee of the contractor. The contractor warrants that its employees are adequately covered by workers compensation insurance and that it assumes total responsibility to pay all applicable federal, state and local withholding taxes and unemployment taxes, as well as social security, state disability insurance and all other payroll charges. The contract further warrants that the person(s) performing the work are certified and knowledgeable enough complete the work as specified in the statement of work. Other pertinent information will be provided to the contractor upon acceptance of the winning bid proposal. This information will include the following: 1) exact start and end time of daily work hours, 2) miscellaneous information (example: driving directions, and parking information).

CONTRACT MANAGEMENT

The administration of this contract will require coordination between the contracting officer, the COTR, and the contractor. The individuals cited below will be the court's primary points of contact during the performance period. In no event shall any understanding or agreement, modification, change order, or other matter in deviation from the terms of this contract between the contractor and a person other than the contracting officer be effective or binding upon the Court. All such actions must be formalized by a proper contractual document and signed by all parties.

CONTRACTING OFFICER: All administration of this contract will be effected by the contracting officer:

Bill Truskowski – Procurement Officer
United States District Court
231 West Lafayette Blvd – Room 827
Detroit, MI 48226
Phone: 313-234-5362
Fax: 313-202-5843
Email: william_truskowski@mied.uscourts.gov

Written communications shall make reference to the contract title and shall be mailed to the above address. The contracting officer is authorized to certify invoices for payment in accordance with the terms of this contract.

CONTRACTING OFFICER TECHNICAL REPRESENTATIVE (COTR):

The COTR for this contract is:

Jay Theisen – Systems Manager
United States District Court
231 West Lafayette Blvd.
Detroit, MI 48226
Phone: 313-234-2618
Email: james_theisen@mied.uscourts.gov

Upon award, the COTR will be responsible for coordinating the installation and performance of services with regards to this contract. **However, the COTR shall not be authorized to change any terms and conditions of the resultant contract, including, but not limited to, price.**

Responsibilities of the COTR include:

1. Monitoring the performance of the contractor's employee(s) under the contract to ensure compliance with the contract requirements.
2. Ensuring that changes in work under the contract are not initiated before written authorization or modification is issued by the contracting officer.
3. Providing interpretation of the meaning of project specifications.
4. Accepting the contractor's equipment and services.

LIMITED USE OF DATA

Performance of this contract may require the contractor's employee(s) to access and use data and information proprietary to the government, which is of such a nature that its dissemination or use, other than in performance of this contract, would be adverse to the interest of the government and/or others. The contractor and/or contractor personnel shall not divulge or release data or information developed or obtained in performance of this contract. The contractor and its employees shall not use, disclose, or reproduce proprietary data other than as required in the performance of this contract.

PLACE OF PERFORMANCE

Delivery of equipment/services reflected on this contract shall be performed at the U.S. District Court, 231 W. Lafayette Blvd, Detroit, MI 48226, Room 226. Work will be performed during hours that do not impact the activities of the Court or adjacent courtrooms. Performance may take place during normal work hours (8:00 am to 5:00 pm). However, installation must be restricted to dates that will not interfere with the Judge's schedule. Dates will be provided to the contractor upon successful award of contract.

TYPE OF CONTRACT

This contract shall be awarded on a **Technically Sound/Best Price and Past Performance Basis**. The awarding of this contract is subject to the availability of funds and approval from our Chief Judge. Winning contracting must be available for millwork contractor to review and discuss any and all AV equipment needs for the modification and construction of witness box, lectern and attorney tables.

PROPOSAL DUE DATE

Proposals are due no later than **Thursday September 15, 2016 @5:00 PM**. Offers will be subject to FAR 52.214-7, "Late Submissions, Modifications, and Withdrawal of Bids". Submit a copy of the proposal, via email or fax to:

Bill Truskowski – Contracting Officer
United States District Court
231 West Lafayette Blvd – Room 827
Detroit, MI 48226
Phone: 313-234-5362 Fax: 313-202-5843
Email: william_truskowski@mied.uscourts.gov



ATTACHMENT A

Judge Roberts Courtroom 226 - Courtroom Technology Upgrade

The U.S. District Court – Michigan Eastern District’s standard for courtroom AV equipment has been to use Crestron, Biamp and Extron. Equivalent equipment can be quoted and will be considered. Equivalent equipment quotes must be submitted with documentation and specifications on how the equipment conforms to existing installs and programming.

Since this will be new construction with floor boxes and conduit runs to the rack location, the audio lines will have to be pulled with new cables. Ceiling and jury box speakers will have to be extended or pulled with new cables. Please provide requirements for these speakers.

Award winning contractor for this project must be able to attend construction meetings as necessary to coordinate installation and to provide requirements to construction contractor.

Spare AUDIO cable to be pulled to each floor box location and judge and clerks bench and witness box.

Spare CAT cable to be pulled to each floor box location and judge and clerks bench.

Pull string to be pulled to each floor box location and judge and clerks bench from rack.

System to be thoroughly tested and vetted by AV contractor before handoff to court.

Court to receive ALL source code and must approve ALL programming code

Presentation (PPS or equivalent) with updated images and instruction that can be provided to chambers to give to attorney's for operational purposes.

An Xpanel.exe of the control panel needs to be provided by contractor.

Sign off on courtroom completion by COTR.

AUDIO:

1 each - Biamp Tesira to replace existing Audiaflex. With VOIP card and max I/O cards (same amount of I/O as previous Tesira systems) or equivalent.

1 each - New Amplifier.

1 each - wireless microphone with handheld and lavalier microphone that can be utilized at the same time.

CONTROL:

Crestron Control System or Equivalent with 8x8 or 16x16 as necessary for all inputs/outputs.

RACK:

- 1 each – New Rack With: Smoked Glass Door, Wood Top and Sides, Back, Casters and UPS. Rack mounted power as necessary. - Long enough wire whips to pull rack out for service.
- 1 each - 24 Port Switch
- 2 each - 24 port patch panel or 1 each - 48 port patch panel

ANNOTATION:

Extron or equivalent HDMI annotation controller (latest release) with necessary USB extenders and hubs.

Attorney Tables - Prosecution & Defense

- 2 each – Planar 22" Touchscreen or Equivalent(mounted on floptop).
- 2 each - DM201c input or equivalent to be mounted under each attorney table
- 2 each - Crestron Floptop Control with Electrical Power, HDMI, VGA and Audio Retractors or Equivalent
- 6 each – XLR Microphone jacks. Mounted in bottom row of floor box. To be programmed as Prosecution1, 2&3 and Defense1,2&3
- 4 each – Shure 18" Gooseneck microphones or equivalent

Judge Bench:

- 1 each - Crestron TSW-1050-B-S 10" Tabletop Touch Panel or Equivalent
- 1 each – 22" widescreen Video display - VX2252mh or Equivalent for viewing and wiring.
- 1 each – Mini speaker connection for bench speakers
- 3 each - XLR Microphone jack (Goosenecks & Boundary)
- 1 each – Shure 18" Gooseneck microphones or equivalent
- 1 each – Shure boundary microphone or equivalent
- 1 each – Shure 18" Shock Mount Gooseneck microphones or equivalent for tabletop lectern

Clerk Bench:

- 1 each - 22" widescreen Video display - VX2252mh or Equivalent for viewing and wiring.
- 1 each – Crestron DM201c input or Equivalent
- 1 each - XLR Microphone jack
- 1 each – Shure 18" Gooseneck microphones or equivalent
- 1 each – Mini speaker connection for bench speakers

Court Reporter:

- 1 each - Crestron TSW-1050-B-S 10" Tabletop Touch Panel or Equivalent
- 1 each - 22" widescreen Video display - VX2252mh or Equivalent for viewing
- 1 each - FTR Audio Wiring for digital recordings (4 audio lines)
- 1 each – FTR USB connection
- 1 each – Audio line for Practical Devices XM4 Headphone amp.
- 1 each – Audio line for laptop recording
- 1 each – Practical Devices XM4 Headphone Amp or equivalent. Or better solution.

Lectern/Podium:

- 1 each - DM201c input (or equivalent to fit in floor box)
- 1 each - Spare CAT cable pulled
- 1 each - XLR Microphone jack
- 1 each – Shure 18" Shock Mount or Tabletop Microphone or equivalent to be discussed

Witness Box:

- 1 each – Planar 22" Touchscreen or Equivalent with mount.
- 1 each – Crestron DM201c input or Equivalent
- 1 each - XLR Microphone jack
- 1 each – Shure 18" Shock Mount Microphone or equivalent
- 1 each - Crestron Scaler/Receiver and DM201c input or Equivalent for VTC portable display
- Portable VTC wiring to be located in witness box floor box

Jury Box:

5 or 6 each – 22” Monitors or Equivalent

5 or 6 each – Articulating Mounts.

6 each – New White Noise Speakers (Black?)

1 each - XLR Microphone jack to be mounted on outside of jury box with cable to rack.

Gallery Display:

1 each – Crestron Scaler/Receiver or Equivalent and wiring for portable TV on cart

Interpreter:

-Interpreter inputs/outputs at attorney tables and witness stand

-Interpreter control with appropriate equipment mics/headphones - quantum interpreter control PN 001952 or equivalent

-3.5mm audio output at Judge's bench for speakers

-USB extension from rack to clerk/FTR location

-Xpanel for control since we only have 1 - 10" touchpanel

Misc:

Cleanup and remove any unnecessary existing cabling under judge and clerk bench. Install blank plates over unused XLR plates.

Optional:

-Interpreter IR system with 3-4 headsets. Has to be 2 channel, 2nd channel to be used by interpreter.