



## **STATEMENT OF WORK (SOW)**

### **Judge Murphy - 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 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 Murphy’s courtroom located at 231 W. Lafayette Blvd, Detroit, Michigan, Room 228, 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 **June 30, 2015 @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.

With this courtroom the Court wants to eliminate the V-Panel and DGE control for the judge. We want to go with a minimum of a ten inch tabletop touchscreen and have a viewing output that any size display can be used for the judge and their preference. The existing courtroom and jury speakers will be used. We want to upgrade the existing Biamp Audiaflex with the Biamp Tesira model (or equivalent) and add a Shure (or equivalent) dual wireless microphone to allow for a handheld and lapel to be used at the same time. A projector and screen will be used in this courtroom for jury viewing. We are asking for recommendations for reusing the existing Ashley amplifier or to upgrade to a new amplifier.

This courtroom is scheduled for construction. The construction will consist of trenching or coring the floor for conduit runs, installing floor boxes and modifying the jury box and benches. 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



## **ATTACHMENT A**

### **Judge Murphy - Courtroom Technology Upgrade**

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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.

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:**

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)

One extra microphone line pulled to each floor box location. Attorney Tables, Lectern, Witness, Clerk. Using existing courtroom speaker and jury white noise speakers.

Recommend keeping existing Ashley Amp or replacing.

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:**

Six Foot Middle Atlantic Rack or equivalent to accommodate A/V equipment. 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. Patch Panel to accommodate all wiring.  
4 each – CAT6 Runs from Rack to the Courts network closet

Rack to be located outside of jury room in back of courtroom. Individual conduits or wire rings will be provided by construction contractor with a pull string from each floor box and bench location.

**ANNOTATION:**

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

**Attorney Tables - Prosecution & Defense**

2 each - Viewsonic TD2240 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 & Audio Retractors or Equivalent  
4 each – Shure 18” Gooseneck microphones or equivalent  
4 each – XLR Microphone jacks. In floor box. To be programmed as Prosecution1&2 and Defense1&2  
1 each – Spare CAT Cable and pull string

**Judge Bench:**

1 each - Crestron TSW-1050-B-S 10” Tabletop Touch Panel or Equivalent  
1 each – Audio out line with mini connector – for use if we need to plug in a speaker at the judge’s bench  
1 each – Shure 18” Gooseneck microphones or equivalent  
2 each - XLR Microphone jack  
1 each - 22” widescreen Video display - VX2252mh or Equivalent for viewing  
1 each – Spare CAT Cable and pull string

**Clerk Bench:**

1 each - 22” widescreen Video display - VX2252mh or Equivalent for viewing  
1 each – Crestron DM201c input or Equivalent  
1 each – Shure 18” Gooseneck microphones or equivalent  
1 each - XLR Microphone jack  
1 each – Spare CAT Cable and pull string

**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  
Audio Wiring for digital recordings (4 audio lines)  
1 each – Audio line for existing Practical Devices XM4 Headphone amp.  
1 each – Audio line for laptop recording  
1 each – Spare CAT Cable and pull string

**Lectern/Podium:**

1 each - DM201c or DM200 input (or equivalent to fit in floor box or lectern)  
1 each – Shure 18” Gooseneck microphones or equivalent  
1 each - XLR Microphone jack  
1 each – Spare CAT Cable and pull string

**Witness:**

1 each - Viewsonic TD2240 Touchscreen or Equivalent with Chief Kontour K1D120B or Equivalent

1 each – Crestron DM201c input Equivalent

1 each – Shure 18” Gooseneck microphones or equivalent

1 each - XLR Microphone jack

Portable VTC wiring to be located in witness box With XLR in/out

1 each – Crestron Scaler/Receiver or Equivalent for VTC portable display – Can be mounted under witness box if necessary.

1 each – Spare CAT Cable and pull string

**Jury Box:**

1 each – Projector – Back in color since the projector shelf will extend into the courtroom.

1 each – 133” or recommended drop projection screen

**Gallery Display:**

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

Data input will be located on the right side of courtroom just before gallery

**Misc:**

contractor for various infrastructure locations and requirements. The rack will be located in the room located behind the courtroom.

**The Court will require that overall system design and programming layout be submitted for approval prior to the beginning of the installation in the courtroom.**

Judge Murphy Courtroom Technology Upgrade:

1. **Contractor walkthrough on June 30, 2015 @10:00 AM in Detroit Michigan.**
2. **Equipment, Installation and Design Quote due on XX, 2015 @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. **Overall system design and programming layout submitted for approval.**
6. **Installation and programming of equipment (to be approved by COTR)**
7. **Testing of Equipment and control system (to be approved by COTR)**
8. **Confirm ALL items listed on Attachment A (and any and all amendments to Attachment A) have been addressed and completed.**
9. **Training IT and chambers personnel on the use of the equipment.**
10. **Power Point or equivalent presentation on courtroom operation.**
11. **Project sign off on completion of courtroom by COTR**

## **SECURITY REQUIRMENTS**

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 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](mailto: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](mailto: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 228. 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 contractor must be available to meet with construction and 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 **July 16, 2015 @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](mailto:william_truskowski@mied.uscourts.gov)