

## **Revised RFP submission schedule**

- **October 15<sup>th</sup> 3:00 PM EST Last Day to Submit Questions**
- **October 30<sup>th</sup> 3:00 PM EST Proposals Due**

## **III. Scope of Services**

The work in this section outlines the materials, installation, programming and equipment necessary for the complete execution of the Audio Visual IT & System upgrade for the EOC Main Floor, EOC Conference Room & JIC. This includes any necessary wiring from all workstations, conference tables, podiums, racks, displays and audio of all AV inputs/outputs to their respective destination, resulting in clear audio and HD quality video resolution that is easy to control and manipulate from a Touch Screen Panel that must be provided for each of the three rooms.

All three rooms must have video conferencing capabilities that operate independently utilizing their own equipment. Each room will have separate programming and all rooms' functions should be controlled from their respective Touch Panels. Throughout the three rooms, it is required that any input is able to be routed to any output.

Again, all touch panels will be provided by the Proposer and must be hardwired to their respective podiums. Three touch panels will be needed. The locations are as follows and noted with approximate size requirements:

- EOC Main Floor
  - 24" touch panel
- EOC Conference Room
  - 10" touch panel
- Joint Information Center
  - 10" touch panel

Two levels of programming are necessary on all touch panels.

1. A basic level for standard room operation and
2. A secure level for advanced functions and operations.

The EOC is the main hub and should be able to send content to the EOC Conference Room and the JIC from the Touch Panel. The sending of content from the EOC Conference Room and JIC to outside outputs should be allowed, but nested under the secure level of programming.

All three rooms have an interactive Touch Pen Display that works with each of the room's main computer. This function should remain available. All equipment in the project should be network-capable and ready. This includes any wiring that is not in place. All rooms will receive new desktop equipment currently presumed to be Dell branded.

The EOC Main Floor will require additional functionality and equipment above what has been listed in the beginning of this section. This includes, but is not limited to:

- Video Wall that will display inputs from 26 desktop locations (or EOC Conference Room/JIC sources),
- Podium and 1 PC controlling station.

Additional Input sources to this location will be:

- Two cable tuners
- DVD/Blu-Ray Player,
- VCR,
- Document Camera,
- Microphones (16 total)
  - Two handheld wireless microphones
  - 1 goose neck microphone
    - To be located on podium with PC Controlling Station
  - 13 Desktop microphones

Four of the desktop work stations should have a new “gang” plate that contains one of each of the following:

- Dual USB Power outlets,
- Dual AC power outlets,
- HDMI,
- VGA (with PC Audio) and
- Display Port.

All “gang” plates will need to have the ability to display to any output in the EOC Main Floor, EOC Conference Room and the JIC. The remaining nine desktop work stations should have a new “gang” plate that contains the following:

- Dual USB Power Outlets
- Dual AC Power outlets.

The EOC Main Floor currently has two HD projectors that will need to be removed and relocated to the JIC.

There are three Sony ceiling-mounted cameras that are used for video conferencing and room recording that will need to be replaced. There are two 55” LCD monitors that will remain and two additional 55” LED monitors will need to be added in the back of the EOC Main Floor. All four monitors will need to be used as an output source from any of the input sources from any of the three rooms.

Any additional parts and materials to make this room complete are to be furnished by the Proposer in making this room completely functional. All sound in this location should be clearly heard from the overhead speakers. There are two speakers in the front of this room that will be removed by the Proposer.

The EOC Conference Room will require additional functionality and equipment above what has been listed in the beginning of this section. This includes:

- Two new HD ceiling-mounted projectors to be provided by the Proposer
  - Must function independently of one another
- Conferencing phone that is compatible with our existing VoIP phone system.
  - Must allow callers to hear everyone in the room, and everyone in the room can hear the caller clearly.
  - Industry standard tabletop conferencing phone.

The JIC will require additional functionality and equipment above what has been listed in the beginning of this section. There are two projectors that will need to be removed and replaced with the two being removed from the EOC. Both projectors will need to be ceiling-mounted and function independently of one another.

A conferencing phone is required to be provided by the proposer that is compatible with our existing VoIP phone system. The requirements for this phone are identical to the one to be installed in the EOC Conference Room.

There are network racks in each of the three rooms that contain audio mixers, video switchers, video conferencing and various other devices that it would take to build out a conference room. Most of the devices will remain in use, but a few items such as the audio matrix mixer and the Polycom Vortex will need to be replaced by the Proposer. All current equipment along with the add equipment provided by the Proposer is expected to function correctly together. All three racks must have an appropriate rack mounted UPS to sustain the operation of the rack for 60 minutes.

#### **IV. Functional and Technical Requirements**

##### **a. Polycom conferencing system**

- EOC, JIC and EOC Conference Room Polycom system should function independently from one another.

##### **b. Room Controller/Touch Panel**

- All three rooms should function via the room controller, which must control all aspects of the room.
- Room programming should function similarly for ease of use with two levels of programming,
  - i. Basic level for standard room operations
  - ii. Secure level for advanced functions and operations.
- All rack equipment must communicate with each other and handle all commands from the room controller to display the required AV input data to any of the selected outputs.
- All racks must be surge-protected and provide 60 minutes of UPS backup for all devices therein.
- Cabling and connectors must be provided by the Proposer and must meet the manufacturer's specifications.

##### **c. Video wall with 12 total diagonal displays, each being 55", arranged in a 2x6 layout**

- Displays, mounting hardware, support structure redundant power, all fiber and network encoders, cables, connectors, video extenders, receivers, matrix appliances, wiring and physical video wall installation to be provided by the Proposer.