

Statement of Objectives (SOO)  
For  
623 Air and Space Operations Center  
Hurlburt Field, Florida  
7 Jul 09

**1. Introduction:**

- 1.1. The objective of this SOO is for a Contractor to Engineer, Furnish, Install, and Test (EFI&T) a fully functional Audio/Video and VTC System in the 623 AOC (Air Operations Center) located in Building 90069, SCIF and Operations Floor, 210 Hartson St, Hurlburt Field, Florida 32544. The design and installation shall incorporate the removal of applicable equipment installed in Building 1 suite 179 and use of all existing and newly installed equipment.
- 1.2. The equipment and features/functions must comply with all Air Force and DoD Information Assurance (IA) rules and regulations. Information regarding IA rules can be requested from [WIAO@hurlburt.af.mil](mailto:WIAO@hurlburt.af.mil), 850-884-5666 or 850-884-6605.

**2. Specific Task and Requirements: (see attachments for drawings)**

**2.1. AOC Operations Floor**

**2.1.1. Video Requirements**

- 2.1.1.1. AOC requires nine video output devices: four 60 inch LCD's (GFE) and four video projectors with four 6 x 8 projector screens (GFE).
- 2.1.1.2. Capability to display video from any one of the 40 workstations on the OPS floor to any video output. This connection will require a DVI-I Male to 2 x VGA female adapters at each workstation.
- 2.1.1.3. Capability to display video from a DVD player, TV tuner, or other video feeds such as Coaxial RG6, Component RCA, RGBVH, and Video teleconferencing equipment.
- 2.1.1.4. Capability to manage all video inputs and outputs by a Crestron processor and Extron Multiplexors.
- 2.1.1.5. Capability for two (2) additional video inputs to be controlled and displayed by the system (i.e. growth, additional computers).
- 2.1.1.6. Capability to conduct both secure and unsecure video teleconferences (VTC) (GFE) utilizing two pan tilt zoom cameras (one located on each side of the room). Must be in compliance with DISA standards/ SCAMPI certification requirements. Connectivity to secure and unsecure networks will be government provided.
- 2.1.1.7. Provide 50 DVI-I + USB + 2x audio 6 feet KVM cables.

### **2.1.2. Audio Requirements**

- 2.1.2.1. AOC requires audio output devices: 12 ceiling mounted speakers (GFE) and 50 headsets with a microphone.
- 2.1.2.2. Capability to receive audio from any video source and broadcast the audio to ceiling mounted speakers.
- 2.1.2.3. Capability to communicate from workstation to workstation utilizing their headsets via the local area network.
  - 2.1.2.3.1. Capability to allow multiple workstations to hold multiple conversations and share files among each other.
  - 2.1.2.3.2. Capability to hear audio from various video sources within the room utilizing their headsets.
  - 2.1.2.3.3. Capability to hear audio from the video teleconferencing equipment utilizing their headsets.

### **2.1.3. Additional Requirements**

- 2.1.3.1. All audio and video switching must be conducted utilizing a 12x12 Crestron control panel installed at Position 46 on the OPS Floor (GFE).
- 2.1.3.2. Installer must utilize all equipment on hand if possible. A list of all equipment on hand will be attached (section 5).
- 2.1.3.3. Installer will provide all additional equipment needed in order to meet the overall AV objectives.
- 2.1.3.4. The VTC system must be integrated with overall AV solution.

## **2.2. ISRD SCIF**

### **2.2.1. Video Requirements**

- 2.2.1.1. ISRD requires nine video output devices: four 60 inch LCD's (GFE), two 42 inch LCD's (GFE) and two video projectors with one 14 x 6 projector screen (GFE).
- 2.2.1.2. Capability to display video from any one of the 32 workstations on the OPS floor to any video output. This connection will require a DVI-I Male to 2 x VGA female adapters at each workstation.
- 2.2.1.3. Capability to display video from a DVD player, TV tuner, or other video feeds such as Coaxial RG6, Component RCA, RGBVH, and Video teleconferencing equipment
- 2.2.1.4. Capability to manage all video inputs and outputs by a Crestron processor and Extron Multiplexors.
- 2.2.1.5. Capability for two (2) additional video to be controlled and displayed by the system (i.e. growth, additional computers).
- 2.2.1.6. Provide 100 DVI-I + USB + 2x audio 6 feet KVM cables

### **2.2.2. Audio Requirements**

- 2.2.2.1. ISRD requires audio output devices: 4 ceiling mounted speakers (GFE) and 45 headsets with a microphone.

- 2.2.2.2. Capability to receive audio from any video source and broadcast the audio to ceiling mounted speakers.
- 2.2.2.3. Capability to communicate from workstation to workstation utilizing their headsets via the local area network.
  - 2.2.2.3.1. Capability to allow multiple workstations to hold multiple conversations and share files among each other.
  - 2.2.2.3.2. Capability to hear audio from various video sources within the room utilizing their headsets.

### 2.2.3. Additional Requirements

- 2.2.3.1. All audio and video switching must be conducted utilizing a 12x12 Crestron control panel installed at Position 1 on the OPS Floor.
- 2.2.3.2. Installer shall utilize and integrate all equipment on hand. A list of all equipment on hand will be attached in section 5.5. Integration challenges or changes must be predefined.
- 2.2.3.3. Installer will provide all additional equipment needed in order to meet the overall AV objectives.

## 3. Requirements:

### 3.1. User Selection Criteria:

- 3.1.1. The Government seeks commercial quality equipment and integration designed and installed by a professional Audio/Video System provider. Offers will be evaluated through a best value determination considering the proposed technical solution and cost.
- 3.1.2. Technical capability will be rated subjectively by a technical evaluation team and will be equally important as price. The firm offering the best combination of technical capability and cost will be awarded this contract.
- 3.1.3. In addition, a narrative describing the proposed solution and description of equipment recommended (including all model numbers, manufacturers, pricing, and specifications of equipment, warranty information, and required certifications) and the proposed installation plan includes all information as identified in paragraph 3.12.3.2 through 3.12.3.8, shall be provided with this proposal for evaluation. Upon award of the contract, an installation plan should be emailed to [gregory.demarco@hurlburt.af.mil](mailto:gregory.demarco@hurlburt.af.mil), [christopher.tolbert.ctr@hurlburt.af.mil](mailto:christopher.tolbert.ctr@hurlburt.af.mil); and [kyle.ward@hurlburt.af.mil](mailto:kyle.ward@hurlburt.af.mil) Installation plan should also include an estimate for the amount of on-site time necessary to complete installation and testing. Government will have 2 weeks to accept/reject installation plan.

### 3.2. Site Survey

Contractors will be afforded the opportunity to attend a site visit at Hurlburt Field, Florida as required to develop proposals. Those desiring to attend the site visit shall notify Mr. BK Stoesser via email: [Benjamin.stoesser@hurlburt.af.mil](mailto:Benjamin.stoesser@hurlburt.af.mil) not later than 2 calendar days prior to the scheduled visit.

### **3.3. Installation:**

- 3.3.1. The Contractor shall meet with the base safety officer immediately upon arrival on site for review of the specific safety requirements prior to installation.
- 3.3.2. All installations will be coordinated with the Contracting Officer who will coordinate with 623 AOC/CSD: TSgt Chris Tolbert and/or SSgt Kyle Ward, 850-884-6973 or 850-902-6358.

### **3.4. Operations and Maintenance (O&M) Support:**

Upon completion of installation, training and testing activities, the contractor shall provide continual Operations and Maintenance (O&M) support of the Audio/Video Systems for the remainder of the one year base performance period. The Contractor shall price out as executable options years for an additional three years of O&M services. The Government reserves the right to exercise these additional option years for continued O&M support. Response period for O&M support is four (4) hours.

### **3.5. Turn-Key Operation and Testing:**

The Contractor shall EFI&T and conduct all necessary efforts to ensure successful completion of this project.

### **3.6. Warranty:**

- 3.6.1. Must provide a 3 year warranty on all equipment installed as well as the existing equipment.

### **3.7. Configuration Management:**

The Contractor shall perform configuration management of all equipment associated with the Audio/Video systems. The Contractor shall provide configuration management information to the base SCX project manager. The configuration management information shall include, but not be limited to, a list of all components installed by system serial number (hardware), all passwords and if applicable software/IOS and the Crestron touch panel source codes.

### **3.8. Training:**

Upon completion of the installation process, the Contractor shall provide User Training for six users on the Site Staff in accordance with the customer requirements. User Training will include step-by-step instructions on the utilization of all features of the Audio/Video and VTC systems as well as Basic System Troubleshooting. The Contractor shall provide operational training to the users and system training to the Operators/Maintainers as needed. Any applicable training material will be provided to the Government in both paper and soft copy. The Government shall retain the right to duplicate and distribute the training material for future training purposes.

#### **4. Additional Requirements:**

##### **4.1. Project Management:**

The contractor shall employ effective management tools and methods to assure control of cost, schedule and performance. The Contractor shall be responsible for storage, staging and deployment of any equipment and materials provided as part of this. The Government retains the right to all documentation and data generated by the Contractor as a result of this project.

##### **4.2. Security:**

###### **4.2.1. Nominations**

Nominations shall contain full identifying data on the nominee, a statement that he/she meets citizenship requirements, a description of the applicant's current clearance, and the investigative basis (National Agency Check, Background Investigation, or Single Scope Background Investigation) for the clearance.

###### **4.2.2. Contractor Consent to Background Checks:**

The Contractor and, as applicable, subcontractor shall not employ persons for work on this contract if such employee is identified as a potential threat to the health, safety, security, general well being or operational mission of the installation and its population, nor shall the Contractor or subcontractor employ persons under this contract who have an outstanding criminal warrant as identified by Law Enforcement Agency Data System (LEADS) through the National Crime Information Center. LEADS checks will verify if a person is wanted by local, state, and federal agencies. All Contractor and subcontractor personnel who do not consent to a LEADS check will be denied access to the installation. Information required to conduct a LEADS check includes: full name, driver's License number, and/or social security number, date of birth of the person entering the installation, and completion of a background check questionnaire. The Contractor shall provide this information, Contractors Consent for Background Check, and shall submit it in conjunction with the Contractor's request for either base or vehicle passes. Completion of a successful LEADS check does not invalidate the requirement for an escort when Contractor or subcontractor personnel are working within controlled or restricted areas. Contractors shall ensure their employees and those of their subcontracts have the proper credentials allowing them to work in the United States. Persons later found to be undocumented or illegal aliens will be remanded to the proper authorities.

**4.3. Access to Government Facilities with Controlled or Restricted Areas** – The Contractor shall comply with security regulations imposed by the installation commander and/or the agency responsible for the project location. Due to specific mission requirements inherent in the nature of controlled or restricted

areas, the Government may direct the contractor to leave the controlled or restricted areas at any time.

- 4.4. **Access to Government Facilities with Controlled or Restricted Areas for Replacement Contractors** – The unit requesting contract support will continuously escort replacement contractors, not initially possessing the proper clearances and requiring entry to controlled or restricted areas. Replacement contractors must obtain a final, approved security clearance within 30 days of being assigned.

**4.5. Others:**

4.5.1. **Documentation:**

The Contractor shall provide all documents to the Government for review and approval prior to system installation. The Contractor will provide the Government with all documentation compiled during the course of the project. The documentation will be delivered by the Contractor in both hard copy and soft copy formats (on a Data CD). This documentation will include but not limited to the following:

- Project Management Information
- Project Planning Materials
- Product Inventory
- Serial Numbers
- Test and Acceptance Documentation
- As-Built Documentation
- Raw Data Source Codes including Crestron Touch Panel
- Compiled Data Source Codes
- The As-Built Documentation needs to be editable and needs to be in VISIO

4.5.2. **Manuals and Practices:**

The Contractor shall provide at least one paper copy and one soft copy of the latest version of operation, installation, and maintenance manuals and practices/users guide for each system installed.

4.5.3. **Commercial Deliverables and Documentation:**

The Contractor shall provide standard commercial deliverables and documentations. Documentation shall be provided in Microsoft Word 2003 or PDF format unless specified otherwise below or agreed to by the Government Contracting Officer and the Contractor before installation.

4.5.3.1. **Installation Schedules and Progress Report:**

The Contractor shall provide an installation schedule and monthly progress reports. The schedule shall be in Microsoft Projects 2007 unless otherwise agreed to by the Government Contracting Officer and the Contractor before installation.

**4.5.3.2. System Installation Plan:**

The Contractor shall provide a System Installation Plan as part of their proposal which shall include the following:

- Detailed equipment room layout drawing plans showing all existing and new proposed equipment, optional equipment, batteries, power connection, power outlets, lighting and any other equipment.
- A complete list of personnel contacted on site and those individuals participating in the survey. The list shall include telephone numbers, office symbols, and e-mail addresses.
- Provide information on number of and type of equipment to be provided. Listing shall be an overall quantity and by individual installation/room (if applicable) quantity.

**4.5.3.3. Installation Test Plan:**

The Contractor shall provide a test plan, as part of their proposal, as to how the system will be tested to demonstrate to the Government that the system is fully operational and meets or exceeds the specified requirements and that the system is fully ready to be placed into service. The Contractor shall provide an installation test report of the results accomplished under the installation test plan.

**4.5.3.4. Acceptance Test Plan:**

The Contractor shall provide an acceptance test plan, as part of their proposal, as to how the system will be tested to demonstrate to the Government that the system is fully operational and meets or exceeds the specified requirements. These tests shall be accomplished after the system is placed into service and prior to system acceptance. The Contractor shall provide an acceptance test report of the results of the testing accomplished under the acceptance test plan.

**5. Equipment on Hand**

- 5.1. Eight 60 inch LCD's
- 5.2. One Tandberg VTC
- 5.3. 3 Bose Amplifiers
- 5.4. 16 Bose ceiling mounted speakers
- 5.5. List of equipment currently installed in building:

PART #	MANUFACTURER	DESCRIPTION	QTY
VMPLB	SANUS	SANUS PLASMA MOUNT TILT	8
VMB1B	SANUS	SANUS BRACKET ADAPTOR FOR 61"	6
PDP-614MX	PIONEER	PIONEER 61" PRO HD MON RS-232	6
PDP-425CMX	PIONEER	PIONEER 42" PRO HD MON RS-232	1
RGB860-6/6/4	RGB SPECTRUM	RGB MULTI SCREEN VIDEO PROCESSOR	2
60-469-01	EXTRON	EXTRON CROSSPOINT 450/32X32HVA (FOR ISRD)	1

NEXIA CS	BIAMP	BIAMP 10 IN 6 OUT DIGITAL PROCESSOR	1
RDR-VX530	SONY	SONY DVDR/VCR COMBO	3
SU1000XL	TRIPPLITE	TRIPPLITE UPS 1000VA/800W	2
113986	CRITICOM	CRITICOM 100' CAM CABLE KIT AND POWER SUPPLY	1
VOLUME SELECT 8	BIAMP	BIAMP 8 SOURCE SELECT WITH VOLUME	2
CC-ISEC-STS-NO MON	CRITICOM	CRITICOM SECURE SWITCHER SYSTEM	1
CC-ISEC-STS-T6CUG	CRITICOM	CRITICOM CODEC UPGRADE 6K MXP	1
CC-KIV-7HSB	CRITICOM	CRITICOM KIV7 ENCRYPTER	1
PRO2	CRESTRON	DUAL BUS CONTROL SYSTEM	1
ST-COM	CRESTRON	2 (RS232) PROT EXPANDER	5
CNTBLOCK	CRESTRON	TERMINAL BLOCK	1
CNPWS-75	CRESTRON	75WATT POWER SUPPLY	1
TPS-12	CRESTRON	ISYS 12" TOUCH PANEL	1
TPS-1700	CRESTRON	ISYS 6" WIRED TP	1
U891R	AUDIO TECHNICA	BOUNDRY MIC UNI	2
ST-VS	CRESTRON	4 CHANNEL VIDEO SYNC SENSOR	1
C2ENET-2	CRESTRON	DUAL PORT ETHERNET	1
M-8D	FURMAN	15AMP 8 OUT W/MTR/LIGHT	3
IRE2D	ELAN	IR EMITTER DUAL	3
282-00	VIDEOLINK	X VIDEOLINK MINI IR EMITTER	4
42PC5D	LG	42" PLASMA HDTV	1

## 6. Points of Contact

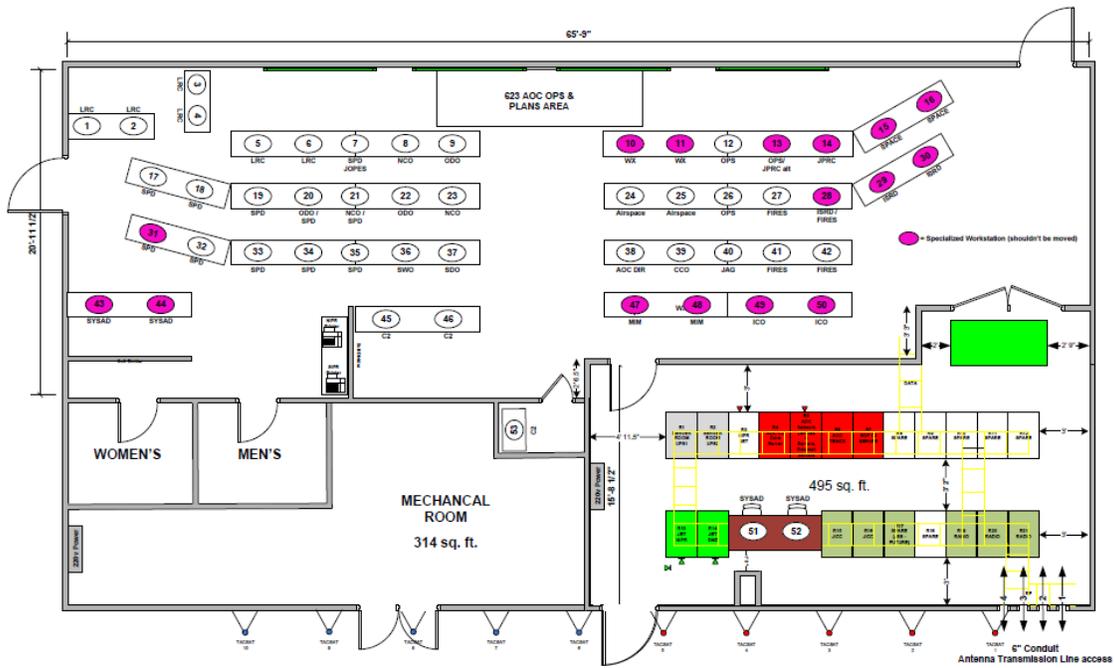
623 AOC/CSD: TSgt Christopher Tolbert, 850-884-6973

623 AOC/CSD: SSgt Kyle Ward, 850-902-6358

623 AOC/CSD: Capt Greg DeMarco, 850-884-7641

Contracting Officer: Mr. Benjamin Stoeser 850-884-3271, The Contracting Officer is the only person authorized to make any changes to this requirement and is the primary focal point for this project. All correspondence shall be directed to the Contracting Officer.

**Any Questions shall be posted on the NETCENTS portal prior to the closing date of this NETCENTS RFP.**



**623 AFSOF AOC – Hurlburt Field, FL**  
 Building 90069  
 AOC Operations Center/Server Room  
 05/14/2009

**623 AFSOF AOC – Hurlburt Field, FL**  
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