



Air Mobility Command (AMC)
Joint Base MDL, New Jersey
Statement of Work

Version 1.1
08 Aug, 2022

Introduction:

The 621 Air Mobility Operations Squadron (AMOS) has a requirement for a secure video teleconference (SVTC) with 4K Audio/ Presentation System in room 121, Building 1903, Joint Base McGuire-Dix-Lakehurst. This system will support Secure Internet Protocol Router Network (SIPRNet) conferencing requirements for CONUS and OCONUS communications. The installation at this facility may require de-installation of equipment and installation of new equipment. The 621 will retain the old equipment. All components must be Trade Agreements Act (TAA) Compliant and meet Defense Information Systems Agency (DISA) Security Technical Implementation Guide (STIG) requirements.

Government Furnished Property-Equipment:

While on site to support the SVTC installation requirements, the contractor may use power, water and restroom facilities while operating within the work areas of building 1903.

Hours of Work:

Work on this project shall be accomplished during the following times, except federal holidays. The period of performance will be 90 days from start of project.

- Monday – 7:00am – 5:00pm
- Tuesday – 7:00am – 5:00pm
- Wednesday – 7:00am – 5:00pm
- Thursday – 7:00am – 5:00pm
- Friday – 7:00am – 5:00pm

Any work desired to be accomplished during other than the posted hours will require prior approval of the Contracting Officer & Site POC. The Contractor must submit a written request to the Contracting Officer no later than the preceding Wednesday of the current work week.

Contractor work requiring shutting down facility power will need to be coordinated with facility POCs in advance of requested power outage.

Federal Holidays:

No work is authorized on Federal Holidays. The following Federal holidays are normally observed by Government personnel:

- New Years Day, Martin Luther King’s Birthday, President’s Day, Memorial Day, Juneteenth, Independence Day, Labor Day, Columbus Day, Veteran’s Day, Thanksgiving Day,

Christmas Day, and any other day designated by Federal Statute, Executive Order, and/or Presidential Proclamation.

Site Project Manager (POC):

MSgt George A. Robbins
Flight Chief, Combat Systems
609-754-1967
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Clean Up:

The Contractor is required to clean up daily and to maintain a safe working area at all times.

621 AMOS SVTC Installation:

This project will consist of the installation of new AV and VTC equipment to include AV system engineering, touch panel control, programming, equipment, parts, and labor. All engineering, touch panel design and system programming will remain consistent to retain a unified audio/video/VTC environment. Specific products and equipment include the following:

Display Systems:

- The video output will be to two existing 70” monitors that are already installed. The source will be a dell desktop computer that is already in place.

Audio/Playback System:

- 8 Ceiling Speakers
- Cisco Webex PLUS Videoconferencing codec or equivalent
- Biamp DSP Audio Processor/Conferencing Units or equivalents
- Computer Audio
- Cisco PTZ4K Camera or equivalent

Equipment Rack:

- The equipment for the Conference Room will be mounted into custom cabinet racks in the existing credenza. The racks will include power supplies, thermal management, and blank panels.
- The equipment rack will house the following:
 - Video Codec
 - DSP Audio Processor and Telephone Hybrid

- Amplifier
- Presentation Switcher
- POE Ethernet Switch
- AVBRIDGE MINI
- USB Switches
- Miscellaneous Hardware

System Control:

- The room will utilize the built-in control unit in the Crestron presentation switcher and a Crestron 10” wired color touch panel. The Crestron control system will be custom programmed to control the equipment functionality in the room. A system of Simple soft touch controls will offer even the untrained guest presenter, a user-friendly interface.
- Functionality to include: on and off of the components of the system. Source selection, display selection and Volume control of all sources. All dialing features for video and audio conferencing. Remote control functions of the VTC codec and pan/tilt camera.

Technical Approach:

- Will require schematic design for approval by the Wing Cyber Security Office (WCO). The design drawings must be submitted to the WCO to ensure it meets DISA Telecommunications Electronics Material Protected from Emanating Spurious Transmissions (TEMPEST) and classified room requirements.

Support and Maintenance:

- Provide end-user training on proper operation of the system
- At minimum access to Tier 1-level support for 3 years