

Statement of Work

AFLCMC/ES VTC and A/V 1624

1.0 Purpose:

The objective of this effort is to upgrade, modernize, and maintain the Video Teleconferencing (VTC) and Audiovisual (A/V) systems within Conference Room 203, Building 1624, located at 5 Eglin Street, Hanscom AFB, MA 01731. The selected Contractor shall perform lifecycle modernization, preventative maintenance, and rapid-response technical support to guarantee maximum system readiness. Specifically, the Contractor shall be responsible for:

- **System Upgrades:** Modernizing outdated hardware and software components to ensure compatibility with modern DoD communication standards.
- **Sustaining Engineering & Maintenance:** Performing routine preventative maintenance, diagnostic testing, and prompt hardware replacement (to include parts and labor) to minimize system downtime.
- **Operational Support:** Providing dedicated on-call and on-site technical support to rapidly resolve system anomalies.
- **User Training:** Conducting comprehensive training sessions for end-users on any newly integrated hardware, software, or replacement parts

2.0 Scope:

Video Teleconferencing – Conference Bldg. 1624, Rm. 203

Provide maintenance for a full audio visual and URL solution for one independent conference room that is capable of both classified and unclassified video teleconferencing (VTC) connectivity. Classified and unclassified VTC utilizes a single codec, automated periods processing hardware, and require NIPR/SIPR Teams capabilities integrated within the system. Replacement parts to the VTC AV system shall comply with the established Defense Information Systems Agency (DISA) policy, Video Services Policy Security Technical Implementation Guide (STIG). The system will maintain GVS comparability and remain on the Defense Information Systems Agency (DISA) Approved Products List (APL) and be Joint Interoperability Test Command (JITC) approved. Video Teleconference equipment must be searched as both terms; VTC and Unified Capabilities Conferencing Systems (UCCS) in the following DISA APL: <https://aplits.disa.mil/processAPList.action>.

The system is non-radio; no components are or will be enabled for Wi-Fi, Bluetooth, or any other wireless communication method.

Please note: DISA APL has been sunset, so it is no longer the standard.

In accordance with the DoD CIO's DoDIN APL Guidance Memo, the Department of Defense is initiating a phased sunset of the DoDIN APL and its associated certification processes. The DoDIN APL program will be officially sunset on 30 September 2025, with all currently scheduled APL testing concluding by 31 December 2025. Following the completion of testing activities, the Approved Products Certification Office (APCO) will continue to provide support to the APL distributed test labs, the Joint Interoperability Test Command (JITC), and the DISA Risk Management Executive (RME) to ensure all final reporting and certification deliverables are completed. To maintain transparency and continuity, DISA remains committed to maintaining the repository of approved DoDIN APL products through Fiscal Year (FY) 2026.

Moving forward, cybersecurity requirements will transition to the DISA RME Vendor Security Technical Implementation Guides (STIG) program, while interoperability requirements will be identified by the Unified Capabilities Requirements (UCR)-CORE document and enforced through contractual provisions.

Full audio-visual includes:

- 1) All current audio-visual equipment needs to be evaluated to DISA/STIG regulations and replaced if not up to compliance.

- 2) Control System for Audio Visual components. The Current touch panel design, coloring, size and icon style shall not be changed without government consent. If replacement of touch panel(s) (21.5 in at Operator desk & 10.1in at conference table) is required for compatibility. We will not accept screens smaller than 10inch size (10in preferred) shall be installed and if a larger size is available, they shall be as close to 10inch as possible based on most cost efficient.

3) The rack UPS needs to be replaced to meet AF compliance. Smart Online UPS required to include Double Conversion feature, Utilizing current wall sockets and voltages in room 203.

4) The LOGO will need to be updated on the touch panels to the new ES logo, and the time needs to be displayed as eastern standard time. Please make sure to make this feature customer friendly for future changes if needed.

5) Control System should have the ability to turn on/off SVTC camera without interrupting service and able to use camera presets.

6) The newly introduced SIPR Teams audio/video signal data will come from DoD SIPR laptop connected at operator console and shall be wired and programmed into AV rack/touch panel system. May require adding a (3rd Freeport SCC unit to current periods processing system)

7) There are currently two cameras. A CISCO Precision 60 PTZ for SIPR & a recent QSC NC-20-60 PTZ for NIPR via Fiber. The CISCO camera may need to be replaced with High definition PTZ camera that has two ports. One for SIPR GVS and one for adding SIPR TEAMS laptop app. Recommend QSC NC-20-60 so, matches current NIPR camera in looks, specifications and functionality. Will consider alternate compatible business class PTZ camera's that specifications are equivalent or better.

8) Upgrade operator area display hardware & program configuration so, any display output can be shown on any room display independently and simultaneously. Ability to see Main desktop display presentations or communication apps and extended display separately simultaneously on front screens, that will mirror operator desk monitors. The ability for operators to work on local desktop displays will not be seen by attendees so the operator can research questions or check emails. (Additional Data will be provided below) Note: Operator desk currently has one GFE furnished 32in ViewSonic computer display as that is the largest fit for console. It shall be replaced with two monitors of desktop standard viewing size or larger.

9) Replacement (CODEC) for both classified and unclassified system.

All replacements must be a DISA approved product and compatible with the existing system. VTC unit can connect via Internet Protocol (IP). This is for Classified and Unclassified. In addition, it has the ability for Voice over Internet Protocol (VoIP) connections for unclassified audioconferencing. The audioconferencing is programmed to be disabled for classified conferences.

10) Keep existing Secure/Non-Secure marquee in-room as well as outside room operation.

11) If current AV cabinet cannot properly be reconfigured to house all required equipment and ensure that the temperature does not exceed the device's maximum mfr operating temperature limits then, the contractor's proposal will provide estimate for a new locking credenza on casters with built in racks. After Award of contract, the credenza design, material and color must be pre-approved by the Government ES POC prior to purchase. Shall have proper AC voltages and surge protection available where UPS is not utilized. Use existing AV racks for audio-visual equipment that can be locked in a rack system.

12) Contractors shall provide cables/Connectors/power strips/power supplies and miscellaneous materials needed to complete any replacements. All cables/wiring will be bundled at the A/V desk.

13) One white noise system with a minimum of one white noise speaker mounted on the outside of each door, wired safely in/thru wall with the ability to turn on and off from inside the room. The volume level to the white noise is adjustable from inside the room, if able to automate into AV system. No Bluetooth, wireless, or Wi-Fi system/speaker exist or are allowed.

14) The Contractor shall provision and install two (2) brand-new 98-inch commercial-grade displays to replace the existing dual-monitor setup. To minimize structural modifications,

the new displays must be fully compatible with, and safely mountable to, the government-furnished equipment (GFE) display mounts currently installed in the room.

The AV vendor/contractor shall:

- 1) Develop and produce supporting documentation, diagrams and/or artifacts detailing any replacements.
- 2) Uncompiled CRESTRON code shall be put in a DISC for government. (it should be uncompiled so that it can be edited in the future if you ever need to get the system updated with new components or add a capability like secure VTC etc.)
- 3) Signal flow diagrams in both PDF and large format. (Signal flow diagrams should include separate sheets for 1) AUDIO 2) VIDEO 3) CONTROL Coding (raw code). Wiring Schematics- Label equipment and wiring.
- 4) Removal and disposal of broken or unserviceable wiring Audio Visual components.
- 5) Purchase and install all the new equipment included as needed after receiving approval from the Government representative. The government will need to be informed if any equipment is backordered or will not arrive on time for installation.
- 6) The Contractor shall procure and install two 98-inch tvs.
- 7) Provide training and orientation with the Government for at least two individuals on the use of any new equipment.

[Current VTC and A/V System Equipment and Hardware continued next page]

3.0 Current VTC and A/V System Equipment and Hardware:

The following equipment is currently installed in the current VTC A/V system. Contractor shall be responsible for maintaining the following equipment and replacing the equipment as needed. Equipment is not required to be brand name, but must be equal in quality, function, compatibility with the overarching system, and meet the security standards set out in Section 2.0.

Approximate room 203 specifications: 19'10" by 23'8".

Bldg. 1624, Rm 203

List:

ACE tower computer	7ft CAT6 SNAGLESS PATCH CBL BLUE
Viewsonic LCD 32inch	7ft CAT6 SNAGLESS PATCH CBL RED
Viewsonic IR REMOTE	7ft CAT6 SNAGLESS PATCH CBL ORNG
NEC class/unclass LCD	CAT5E RJ45 MOD INLINE COUPLER
NEC signal boxes	3ft CAT6 SNAGLESS PATCH CBL BLUE
TACLANE	14ft CAT6 SNAGLESS PATCH CBL BLUE
Shure MXA910WH discontinued	SMALL STATIC MOUNT 100X100
video cabling ex HDMI	K1 DESK MNT SINGLE DISPLAY 2L ARM BLK
NEC C981Q LED Front LCD	XTM1/XSM1 FUSION WALL PLATE
QSC NC-20x60 PTZ cam	Micro-Adjust Tilt Wall Mount X-Large
Cisco Precision 60 PTZ	Cisco SX80 Codec, Precision 60 Cam, Touch 10
Dell laptop Latitude 5430	3-Series Control System
Crestron TP TSW1060NCBS	Tabletop Kit for TSW-1060, Black Smooth
Crestron TP TSD2220B	Digital Graphics Engine 100
Crestron AV# 3-series	21.5" HD Touch Screen Display, Black
CICSO SX80 codec	Digital Graphics Engine 200 w/PinPoint™ UX & 4K DM 8G+® Input
Freeport SCC5 Net Ext panel	10.1" Touch Screen without Camera, Microphone, or PinPoint™
Freeport SCC5 Network switch	MBU 125
Freeport SCC see FPMDVNS2ip	HDMI Ultra 6' (1.8 m)

Freeport SCC see FPMDVNS2ip

Freeport RCI FPRCI1

Secure switch fiber optic R B

QSC core 110F 24 audio channels

Netgear M250 26G4XF POE+

Netgear AV line M4250-10G2XF-

Extron XTP crosspoint 1600

Extron AC

Extron SMD702 70v amp

Extron power ampXPA 2002

GEIST power unit

Extron HFX 100 Trransmitter

Extron HFX 100 Receiver

Extron XTP SFR HD 4k MM

Extron XTP SFR HD 4k MM

Extron XTP SFR HD 4k MM

Extron XTP SFR HD 4k MM

NEC E221N-BK 21in AH-IPS LED

NEC E221N-BK 21in AH-IPS LED

JBL control26CT w/transformer

Freeport FPMCG

Freeport FPMDVNSMEP

UPS Middle Atlantic 2200r

CFR Cabinet Frame Rack 16-18

General Dynamics Taclane

2M VS HIGH SPEED W/ETHERNET HDMI CBL

HDMI Ultra 12' (3.6 m)

DVC RGB-HD A

MVGA-A M-M 6' (1.8 m)

PS 1215 C 12VDC, 1.5A

DPM-HDF 4K PLUS

Custom XTP II CrossPoint 1600

XTP FT HD 4K MM

XTP SFR HD 4K MM

HFX 100 Transmitter

HFX 100 Receiver

Media Player (Classified / Un Classified

XPA 2002-70V, Amplifier

Freeport Room Controller Isolator (RCI)

2 Network IP MD-VNS System includes SCC5- Net Switch 2 SCC

Media Converter Package

Maint. Expansion Panel

Control 26C with Transformer. For use on a 70.7V or 100V D

1SP UM SHELF,11.5"D,KIT

1SP UM SHELF,11.5"D

CABINET COOL SYSTEM

16SP,CABINET FRAME RK,18D

18"BOTTOM RUNNER SET

1SP UM SHELF,11.5"D,KIT

MultiSync C981Q - 98" Slim LED LCD Public Display Monitor, 3

MultiSync E221N-BK, 21.5" AH-IPS LED backlit LCD Monitor

8-Port Gigabit Switch, Managed, 4 ports PoE+, w/ one 1G SFP

Unified Core with 24 local audio I/O channels, 128x128 network

4.0 Vendor/Contractor Requirements:

- 1) Contractors must be able to provide a one-hour response time for service calls M-F from 0800-1800 ET. Additionally, if requested, the contractor must be able to provide onsite response time for troubleshooting and maintenance within one business day of request. The company technician should be local to be able to support on-site issues
- 2) Installation, integration, programming and testing of the new equipment to customer standards.
- 3) Contractor must be able to provide preventative maintenance twice annually, at a date agreed upon between the Contractor and Government afterward.
- 4) Estimated yearly service hours for this effort are 16 hours for this conference room.
- 5) Contractor shall provide 1 year base plus 4 option years warranty on all equipment and systems installed in the conference room.

5.0 Timelines:

- 1) Period of Performance:
 - a. Period of performance shall start promptly after contract award.

- b. The period of performance for conference room VTC and A/V System maintenance will consist of one base year plus (4) four options years, each consecutively starting after the previous option year (365 days) ends. There shall be no break in service.
- c. If replacement equipment or hardware is required, the warranty for that piece of equipment or hardware shall last one year from the time of installation.