

1. TRP NETCENTS-2 Products Purchase of 49 WG, Non- Secure Internet Protocol Router (NIPR) & Secure Internet Protocol Router (SIPR) Video Teleconference (VTC) System

2. Purpose

The 49 Wing (WG) requires a Non-Secure Internet Protocol Router (NIPR) & Secret Internet Protocol Router (SIPR) capable Video Teleconference (VTC) system that will be located inside the Command Post at building 29. This system will enable the 49 WG an alternate option for video conferences. The services will include the delivery, installation, programming and configuration of new equipment, training for VTC technicians, and support & hardware warranty. The VTC system must have NIPR and SIPR capabilities, as well as, be a DISA approved system to operate on the network. DISA has approved the Cisco TelePresence system for use. It is suggested that the video display is provided from a ceiling mounted projector instead of televisions. The system will also require external speakers and microphones for audio and voice requirements. The system will also need a touchpad that will sit in front of the user for operation.

2.1 Communications Specifications

The design and construction of the VTC system shall comply with the Defense Information Systems Agency (DISA) - Global Video Systems (GVS) standards (see approved VTC Memo, Atch 1). GVS compliant VTC system will provide IP based video conferencing over both Non-Secure Internet Protocol Router (NIPR) and Secret Internet Protocol Router (SIPR) networks for the DoD. GVS utilizes Vidyo© architecture at multiple nodes around the world. These nodes allow concurrent connections using H.264 SVC (Scalable Video Coding). In addition, the GVS architecture includes gateways to allow communication with H.320, H.323, H.264 AVC (Advanced Video Coding), Session Initiation Protocol (SIP) and ISDN Systems. The VTC system must be on the current Approved Products List (APL) with approved software versions to connect to GVS and comply with the Trade Agreements Act (TAA). Additionally, the communications system shall comply with requirements stated in the following documents: Section 271000 Building Telecommunications Cabling System, latest edition; 38 EIG Handbook 33-01 Communications and Information FIRST FOUR HUNDRED FEET; Engineering Technical Letter (ETL) 02-12: Communications and Information System Criteria for Air Force Facilities; UFC 3-580-01 Telecommunications Building Cabling Systems Planning and Design; Telecommunication Industry Association (TIA) Standards; Comm Room Wiring Plan. All work under this section shall be performed by technicians with Building Industry Consulting Service International (BICSI) certified telecommunications contractor. Any conflicts between standards must be brought to the Contracting Officer's attention and will be resolved through the appropriate office.

3. Technical Requirements

The contractor shall ensure that all applicable Commercial-Off-The-Shelf (COTS) IA and IA- enabled products comply with AFI 17-130, Air Force Cybersecurity Program Management. All IT hardware, firmware, and software components or products incorporated into DoDIN must comply with evaluation and validation Requirements in DoDI 8500.01 and CNSSP-11, *National Policy Governing Acquisition of IA Products*. Refer to CNSSP No. 11 for the latest process and policy guidance on this subject.

3.1 Special Asset Tagging

The contractor shall provide special asset tags IAW MIL STD-130, DODI 8320.04, Item Unique Identification (IUID) Standards for Tangible Personal Property and DFARS 252.211-7703, Item Identification and Valuation. The current list of accepted unique item identifier types is maintained at

http://www.acq.osd.mil/dpap/pdi/uid/uid_types.html. All DoD recognized unique identification equivalents are listed at http://www.acq.osd.mil/dpap/pdi/uid/iuid_equivalents.html.

3.2 Energy Star Mandate

The contractor shall ensure the product meets Energy Star guidelines.

3.3 IPV6 Mandate

The contractor shall ensure the product meets IPV6 capabilities per UCR 2013 and certified by the DoDIN Approved Products List.

3.4 Unified Capabilities (UCR) 2013 Mandate

The Contractor shall provide UC approved products. The DoDIN Approved Products List is a consolidated list of products that have completed interoperability and information assurance certification and is managed by Defense Information Systems Agency (DISA).

3.5 BIOS Mandate

Per DoD CIO, the contractor shall ensure that all x86 and x64 laptops and desktops are BIOS protection compliant IAW Section 3.1 of NIST Special Publication 800-147 (BIOS Protection Guidelines).

3.6 Trusted Platform Module (TPM) Mandate

In accordance with DoDI 8500.01, computer assets will include a Trusted Platform Module (TPM) version 2.0 or higher. TPMs must be in conformance with Trusted Computing Group standards and ISO/IEC 11889-1:2009 through ISO/IEC 11889-4:2009.

3.7 FIPS 140-2 Encryption Mandate

The contractor shall ensure that all cryptographic products have FIPS 140-1 or 140-2 security certification through the FIPS 140-1 and 140-2 approved products list.

3.8 Common Criteria Evaluation & Validation Scheme Mandate

The contractor shall ensure that products used to protect information on National Security Systems are certified by the NIAP/CCEVS approved product list.

3.9 FIPS 201 Federal Identity Credentialing and Management (FICAM) Mandate

The contractor shall ensure that products used to create, print or read smart cards are FIPS 201 compliant and certified by the FICAM approved product list.

3.10 Biometric Mandate

The contractor shall ensure that all biometric products be built to the DoD Electronic Biometric Transmission Specification (EBTS) standard. A list of FBI certified products can also be viewed for product specifications and certification.

3.11 High Assurance Internet Protocol Encryptor (HAIPE) Mandate

The contractor shall provide IA enabled products that are compliant with the NSA HAIPE program. The contractor shall provide the NSA HAIPE certification from the OEM upon

3.12 TEMPEST Program Mandates

The contractor shall provide TEMPEST products certified by the NSA TEMPEST Program. Visit the [NSA Information Assurance site](#) for more information.

3.13 Software Tagging Mandate

The contractor shall ensure COTS software items support International Standard for Software Tagging and Identification, ISO/IEC 19770-2, Software Tags when designated as mandatory by the standard. Further guidance can be found at: <http://tagvault.org/>.

3.14 Radio Frequency Identification (RFID) Mandate

The contractor shall provide RFID tagging IAW [DoD Radio Frequency Identification Policy, 30 July 2004](#), or most current version, and DFARS 252.211-7006, Passive Radio Frequency Identification. The contractor shall encode an approved RFID tag using instructions provided in the [EPC™ Tag Data Standards](#) in effect at the time of award. Additional information can also be found at the [OASD for Logistics and Materiel Readiness website](#).

3.15 Section 508 of the Rehabilitation Act Mandate

The Contractor shall meet the Requirements of the [U.S. Access Board’s regulations at 36 CFR Part 1194](#) which implements [Section 508 of the Rehabilitation Act of 1973](#), as amended. For more information about DoD Section 508 specific responsibilities, see the [DoD CIO website](#).

3.16 Electronic Products Environmental Assessment Tool (EPEAT)

In accordance with Executive Orders 13423 and 13514, and FAR Part 39.1, when acquiring an electronic product, an EPEAT® registered electronic product should be acquired unless the agency determines, in accordance with agency procedures, that the EPEAT® registered product will not be cost effective over the life of the product. EPEAT® electronic products are designated “bronze,” “silver,” or “gold” registered. Agencies shall, at a minimum, acquire EPEAT® bronze-registered products. Agencies are encouraged to acquire EPEAT® silver or gold registered products. Visit the [EPEAT website](#) to see if your product is registered.

4. Ordering Table

Item Description	Specifications/Standards	Technical Requirements	Quantity
SIPR VTC System	CISCO TELEPRESENCE, UNCLASSIFIED VIDEO TELECONFERENCE SYSTEMS (VTC)	Special Asset Tagging, Energy Star Mandate, Energy Star Mandate, IPV6 Mandate, Unified Capabilities (UCR) 2013 Mandate, BIOS Mandate, Trusted Platform Module (TPM) Mandate, FIPS 140-2 Encryption Mandate, Common Criteria Evaluation & Validation Scheme, Section 508 of the Rehabilitation Act Mandate	1

NIPR VTC System	CISCO TELEPRESENCE, SECRET-CLASSIFIED VIDEO TELECONFERENCE SYSTEMS (VTC)	Special Asset Tagging, Energy Star Mandate, Energy Star Mandate, IPV6 Mandate, Unified Capabilities (UCR) 2013 Mandate, BIOS Mandate, Trusted Platform Module (TPM) Mandate, FIPS 140-2 Encryption Mandate, Common Criteria Evaluation & Validation Scheme, Section 508 of the Rehabilitation Act Mandate	1
Projector	< 72 inches for display Wall is 8ft high & 126in wide	No Wi-Fi & Bluetooth capabilities	1
Installation and Service	INSTALLATION / SERVICE VIDEO TELECONFERENCE SYSTEM	Special Asset Tagging, IPV6 Mandate; and Unified Capabilities (UCR) 2013 Mandate	2

Technical Contractual Requirements

5.1 Technical Refresh

In order to ensure new design enhancements and technological updates or advances, the contractor shall offer, under this DO, hardware and software components available to the contractor's commercial customers. Furthermore, the contractor shall make available any commercially available updates to the hardware and software provided under this DO. If such updates are available to other customers without charge, then they shall also be made available to the Government without additional charge. The contractor will ship these updates to existing customers who have acquired the hardware/software being updated under this DO. Vendor commercial product offerings shall include "state of the art"

technology, i.e., the most current proven level of development available in each product category.

5.2 Trade Agreement Act (TAA)

All proposed products must be compliant with the Trade Agreements Act of 1979 (TAA) and related clauses in Section I of this contract. In accordance with DFARS 252.225- 7021, the Trade Agreements Certificate at DFARS 252.225-7020 shall be provided for each end item defined and specified in a solicitation that exceeds the TAA threshold subject to the waivers and exceptions provided in FAR 25.4, and DFARS 225.4 offered in response to any RFQ issued under this contract. Please note that Federal Acquisition Regulation (FAR) paragraph 25.103(e) includes an exemption from the Buy American Act (BAA) for acquisition of information technology that is commercial items.

5.3 Authorized Resellers

The contractor may be an authorized reseller of new and refurbished/remanufactured equipment for OEMs proposed under this DO. The contractor may also procure directly from the OEM or utilize other legitimate distribution channels to provide the required products in accordance with the OEM's policies on reselling. Any contractor's channel relationships with their OEM partners (gold, silver, etc.) will be represented in the best pricing offered. If the contractor is not an OEM reseller, the contractor shall clearly identify this on the submitted proposal and list the OEM resell partner's registered relationship with the OEM. DOs may restrict the use of authorized resellers, specific OEMs, or identify required OEMs. The contractor shall ensure all products are genuine and eligible for any OEM warranties, maintenance agreements and licensing as offered. Genuine products are those products the OEM, by their policy, considers not "secondary", destroyed, stolen or scrapped.

5.4 Remanufactured/Refurbished Products

Any product offering that is remanufactured or refurbished shall be clearly identified as such by the contractor on the submitted proposal. Remanufactured products shall have the OEM or factory certification, if available, for that product. Remanufactured and refurbished products shall be certified according to the standards set forth in the policy of the OEM.

5.5 Items on Backorder

In their response to a Request for Quote (RFQ), the contractor shall provide notification, if applicable, that a particular item is on backorder, the expected lead-time to fulfill the order, etc. It shall be implicit that a response to an RFQ with no items identified on backorder is a declaration that the items are available at the time of quote submission.

5.6 Warranty

The contractor shall provide any OEM pass through warranty and standard commercial warranties applicable to the products being purchased at no cost. This shall apply to new, refurbished and remanufactured equipment.

5.7 Hardware and Associated Software and Peripherals

All hardware delivered under this DO shall include associated software, documentation and associated peripherals required for operations (such as controllers, connectors, cables, drivers, adapters, etc.) as provided by the OEM. This is true only if the applicable OEM provides such items with the product itself.

5.8 Software

For all software that is outside of hardware and purchased independently, the contractor shall provide the software license registered to the customer's organization.

5.9 Safeguarding Classified Information

The contractor shall transmit and deliver classified material/reports IAW the National Industrial Security Program Operations Manual (NISPOM) and the National Industrial Security Program Operating Manual (DoD 5220.22-M). These Requirements shall be accomplished as specified in the Delivery Order. All Classified Contracts must have at a minimum, the Clause 52.204-2 Security Requirement, incorporated into the contract.

5.10 Installation

The only time that installation services can be procured is when the services and cost are included in the price of the product as sold commercially. In the rare instances where installation services are required/offered, the contractor shall provide installation support related to the applicable products(s) as defined in the DO.

5.11 Customer Support

The prime contractor shall provide 24x7 live telephone support during the warranty period to assist in isolating, identifying, and repairing software and hardware failures, or to act as liaison with the manufacturer in the event that the customer requires assistance in contacting or dealing with the manufacturer.

5.12 Product Maintenance

The contractor shall provide associated maintenance and upgrades to include spares/parts and emergency support worldwide, during the warranty period.

6. Delivery Requirements

6.1 Timeframes

The contractor shall adhere to the following Product Delivery Capability Requirements when providing products under this DO. The contractor shall deliver the quantities of NetCentric products to meet ordinary government requirements in accordance with prescribed delivery schedules stipulated in individual DOs. Delivery of products will be to CONUS.

The following figure sets forth the maximum performance parameters for deliveries:

Timeframe	CONUS	OCONUS	Remote OCONUS
Routine	NLT 30 calendar days	NLT 45 calendar days	NLT 45 calendar days
Critical	NLT 3 calendar days	NLT 5 calendar days	NLT 10 calendar days
Emergency/War Tempo	Within 24 hours	Within 48 hours	Within 72 hours

6.2 DO Order Shipping Date

This DO requires a Routine Delivery Date of NLT 30 Calendar days from time of award.

6.3 Delivery Delays

Contractors are required to meet the timeframes as stated in section 6.1 unless Department of Commerce approval and/or review activities prevent the contractor from meeting these timeframes. In the event that the contractor determines they are unable to achieve the stated timeframes, the contractor

shall notify the Contracting Officer within two (2) business days of such determination.

Shipping Information

All products shall be shipped to:

Inspection/Acceptance: The following Government officials are responsible for receiving the products and performing inspection: