20 FW Command Post Primary and Alternate Command Post (CP) Technology Furniture Consoles Performance Work Statement (PWS)

Document Type:	Performance Work Statement (PWS)
Contract Number:	TBD
Date:	June 12, 2026
Version:	1.0

Table of Contents

Table of Contents 1

1. PURPOSE & SCOPE OF WORK 3

1.1. Purpose 3

1.2. Scope of Work 3

1.3. Strict Material and Design Prohibitions 4

2. APPLICABLE DOCUMENTS 4

3. REQUIREMENTS / SALIENT CHARACTERISTICS 4

3.1. General System Requirements 4

3.2. Spatial and Dimensional Requirements 4

3.3. Structural and Lifting Capabilities 5

3.4. Work Surface and Edge Specifications 5

3.4.1. Primary Operator Consoles: Comfort Edge Work Surface 5

3.4.2. Support Furniture: Credenza Work Surfaces 5

3.5. Detailed Room Configurations 6

3.5.1. Room 1: 3-Operator Console System (Quantity: 1 System / 3 Console Positions) 6

3.5.2. Room 2: 6-Operator Console System (Quantity: 1 System) 6

3.5.3. Support Furniture 7

3.6. Cable Management and Power Distribution 7

4. CONTRACTOR TASKS AND RESPONSIBILITIES 7

4.1. Project Management 7
4.2. Delivery 7
4.3. On-Site Installation (Platinum Package) 8
4.4. Personnel 8
5. DELIVERABLES 8
6. TESTING AND COMMISSIONING 9
7. ACCEPTANCE CRITERIA 9
8. WARRANTY 9
9. HOURS OF OPERATION 9
9.1. Normal Hours of Operation 9
9.2. Recognized Holidays 9
10. GENERAL INFORMATION 10
10.1. Re-performance of Service 10
10.2. Government Remedies 10
10.3. Physical Security 10
10.4. Contract Employees 10
11. BASE ACCESS 10
11.1. Background Checks and Passes 10
11.2. Facility Access 10
11.3. Smoking, Eating and Drinking 11
11.4. Driving License/On-base Requirements 11
12. SITE PROJECT MANAGERS (POCS) ..... **Error! Bookmark not defined.**

1. PURPOSE & SCOPE OF WORK

1.1. Purpose

The purpose of this Performance Work Statement (PWS) is to define the requirements for the design, engineering, manufacturing, and complete turnkey installation of custom, mission-critical console furniture to support the Command Post and Wing Operations Center for the 20th Fighter Wing at Shaw Air Force Base.

The purpose of these systems is to furnish multi-operator command, control, or monitoring environments designed for critical 24/7/365 operations. The solution must enhance operator performance, enable seamless technology integration, and provide a complete, turnkey installation.

The table will support a total of 9 operators simultaneously in two rooms: Room 1 supporting 3 operators, and Room 2 supporting 6 operators. It is intended to enhance operational efficiency, ergonomic performance, cable management, and technology integration within the Command Post and Wing Operations Center environment.

1.2. Scope of Work

The Contractor shall provide complete turnkey services, including:

- Design and engineering (including custom production drawings, detailed engineering drawings, 3D renderings if required, console layouts, and ergonomic layout validation)
- Fabrication and manufacturing
- Quality assurance
- Delivery and unloading coordination
- On-site installation (including complete full assembly, movement from staging area to installation room, and operational testing)
- Final commissioning and waste removal of a complete technical furniture system.

The project includes the development of a custom 1.3. This requirement includes the manufacturing, delivery, full on-site assembly, and waste removal of a complete technical furniture system. The system consists of Room 1 of custom three (3) multi-operator consoles with two (2) file cabinets/binder storage credenza, and Room 2 of custom six (6) multi-operator consoles with (1) laminated work surface storage and (1) corner cabinets/binder storage credenza. The contractor shall provide all project management, labor, transportation, and equipment necessary to fulfill the requirements detailed herein. Custom production drawings will be included.

1.3. Strict Material and Design Prohibitions

- **No Modular "Kit-of-Parts":** The government will **not** accept modular, reconfigurable commercial-grade office furniture assemblies (such as modular kit-of-parts systems). The solution must be a custom-fabricated, heavy-duty integrated system.
- **No Low-Durability Materials:** Standard High-Pressure Laminate (HPL) finishes masking low-durability core substrates are strictly prohibited. Joint-heavy modular assemblies are inherently inadequate for severe-duty environments.
- **Fatigue Resistance:** All joints, fasteners, and support structures must be engineered to withstand continuous operational stress without delamination, edge failure, or structural fatigue under 24/7/365 continuous operational stress.

2. APPLICABLE DOCUMENTS

This PWS stands as the primary requirements document. All products and services must conform to the specifications detailed within this PWS.

All designs shall be submitted for government review and approval prior to manufacturing.

3. REQUIREMENTS / SALIENT CHARACTERISTICS

3.1. General System Requirements

- All equipment must be new and unused.
- All console work surfaces must be independently height-adjustable via electric sit/stand lift columns.
- The manufacturing and delivery lead time shall not exceed 12 weeks from the date of order and color selection confirmation.

3.2. Spatial and Dimensional Requirements

The specified dimensions below are mandatory, material requirements of this contract. Failure to meet these dimensions represents a material failure to comply with the government's operational footprint and will result in technical unacceptability.

- **Room 1 (Primary Command Post):** One (1) single, integrated three-operator console system with an approximate overall width of **21' 9"**. Falling short of this minimum width represents a material failure.
- **Room 2 (Commander's Command Center):** One (1) single, large multi-operator console system for six (6) operators in a continuous, integrated V-shaped configuration with an approximate overall width of **25' 9"**. Six separate individual desks or reconfigurable office parts are not acceptable.

3.3. Structural and Lifting Capabilities

- **Electric Sit/Stand Mechanisms:** Consoles must feature heavy-duty electric sit/stand lift columns designed for 24/7 continuous use.
- **Lifting Weight Capacity:** The maximum weight load per lifting column must be at least **800N** each, which equates to **179 pounds-force (lbf)** per column, to ensure all operator monitors, local processing units, and desk equipment are safely supported.

3.4. Work Surface and Edge Specifications

3.4.1. Primary Operator Consoles: Comfort Edge Work Surface

The primary work surfaces for all operator consoles (Room 1 and Room 2) must be engineered for extreme durability, hygiene, and operator health, explicitly suitable for the most demanding 24/7 control room operations.

Feature	Specification Requirement
Core Material	1-1/8” laminated medium-density fiberboard (MDF) with laminate or Marmoleum surface finish.
Edge Material	Urethane “Comfort Edge” molded directly to the MDF core.
Seam & Adhesion	Permanently bonded urethane creating a long-lasting, water-tight seam with a smooth finish to eliminate peeling and delamination.
Ergonomics	Smooth, contoured profile to improve operator comfort, maximize productivity, and reduce the risk of injury due to sharp edges.
Health & Safety	Must include antibacterial and antifungal additives embedded in the edge material to promote a healthy work environment.
Durability	UV resistant urethane that will not change color or deteriorate over time.
Color Options	Must be available in a wide variety of colors (including Pinnacle Walnut, Brite White, Black, Sugar Glass, Homespun Chestnut, Grey Elm, Black Alicante, Natural Gray, Felt, Dove Grey, Natural Teak, Oiled Soapstone, Slate Grey, Graphite Nebula).

3.4.2. Support Furniture: Credenza Work Surfaces

The work surfaces for the support credenzas must meet the following specifications:

Feature	Specification Requirement
Surface Material	Durable high-pressure plastic laminate (HPL) available in a wide variety of colors, textures, and patterns from major manufacturers.
Core Material	Laminate must be factory-bonded to a 1-1/8" thick MDF core for strength.
Edge Finish	Binder Storage Credenza (Qty: 1): Finished with a durable "Safeguard Edge" for exceptional, impact-resistant durability. Corner Credenza (Qty: 1): Finished with the ergonomic "Comfort Edge" as specified in Section 3.4.1.
Maintenance	Surface must be easy to clean and maintain.

3.5. Detailed Room Configurations

3.5.1. Room 1: 3-Operator Console System (Quantity: 1 System / 3 Console Positions)

Configuration: One single integrated system. It includes two side-by-side consoles with one console behind.

Features: Each of the consoles must support the designated layout and include:

- Eight (8) articulating swing-arm monitor mounts.
- Two (2) track-mounted LED task lights.
- Two (2) flip-up work surface units (each with 2 power, 1 USB-A, 1 USB-C port).
- Four (4) 6-outlet power strips with 15' cords.
- Two (2) integrated storage cabinets (each with 2-box/1-file drawer).

Height-Adjustability: Powered by six (6) sit/stand lift columns, operated by two (2) controls featuring 3-position memory and a digital display.

Drawings/Design: Detailed engineering drawings, layouts, and ergonomic layout validation shall be submitted for government review and approval prior to manufacturing.

3.5.2. Room 2: 6-Operator Console System (Quantity: 1 System)

Configuration: Must be a large, continuous V-shaped multi-operator console supporting 6 operators.

Features: The integrated system must include:

- Twenty-four (24) articulating swing-arm monitor mounts.
- Six (6) track-mounted LED task lights.
- Six (6) flip-up work surface units (each with 2 power, 1 USB-A, 1 USB-C port).
- Twelve (12) 6-outlet power strips with 15' cords.

Height-Adjustability: Powered by twelve (12) sit/stand lift columns, operated by four (4) controls featuring 3-position memory and a digital display.

Drawings/Design: Detailed engineering drawings, layouts, and ergonomic layout validation shall be submitted for government review and approval prior to manufacturing.

3.5.3. Support Furniture

- **Binder Storage Credenza (Qty: 1):** A 6’ 0” wide unit with internal height-adjustable shelving, factory-bonded 1-1/8” MDF core, and finished with a durable “Safeguard Edge” work surface.
- **Corner Credenza (Qty: 1):** A corner unit (approx. 6’ 7” x 4’ 2”) with internal height-adjustable shelving, factory-bonded 1-1/8” MDF core, and an ergonomic “Comfort Edge” work surface.
- **Drawings/Design:** Detailed engineering drawings, layouts, and ergonomic layout validation shall be submitted for government review and approval prior to manufacturing.

3.6. Cable Management and Power Distribution

To prevent the use of standard office-grade components, the following system integration requirements must be met:

- **Enclosed Cable Raceways:** Integrated, high-capacity wire ducts, cable channels, and followers to organize and completely conceal all power, network, and video cabling. No hanging wires are permitted.
- **Power Distribution:** The system must utilize built-in, industrial-grade Power Distribution Units (PDUs) / power strips with surge protection, accessible from rear maintenance panels.
- **Worksurface Access:** Flush-mounted, heavy-duty metal access grommets or flip-up/data pop-up ports providing clean power and data connectivity directly to the worksurface level (2 power, 1 USB-A, 1 USB-C per flip-up unit).

4. CONTRACTOR TASKS AND RESPONSIBILITIES

4.1. Project Management

The contractor shall designate a single point of contact (POC) for the duration of the project. The contractor shall provide detailed engineering drawings, 3D renderings (if required), console layouts, and ergonomic layout validation. All designs shall be submitted for government review and approval prior to manufacturing.

4.2. Delivery

The contractor is responsible for all freight, shipping, and handling to the designated delivery address. Delivery shall be coordinated with the Government POC.

4.3. On-Site Installation

The contractor shall provide a complete on-site installation for all items in their designated rooms, including:

- Unpacking, inventory, and inspection of all delivered components.
- Movement of all items from the delivery/staging area to the final installation room.
- Assembly of the technology table/furniture.
- Integration of power/data components and cable management configuration.
- Operational testing of all retractable systems and height controller functionality verification.
- Workspace cleanup and complete off-site consolidation/disposal of all packing materials and project waste.

4.4. Personnel

Contractor personnel must be able to comply with all site-specific security requirements, including background screening or on-site escorts. All contract employees shall be properly trained and certified to perform the required tasks.

5. DELIVERABLES

Item #	Description of Deliverable	Quantity	Designated Room
1	3-Operator Console System (with 2 file cabinets/binder storage credenza)	1	Bldg 1122
2	6-Operator Console System (with 1 laminated worksurfaces storage & 1 corner cabinet/binder storage credenza)	1	Bldg 1122
3	Binder Storage Credenza	1	Bldg 1122
4	Corner Credenza	1	Bldg 1122
5	Complete On-Site Installation & Debris Removal	1 Lot	Both Rooms
6	Approved Design Drawings & Layout Documentation	1 Lot	N/A
7	Fabricated Operational System & Documentation	1 Lot	Both Rooms
8	Warranty Documentation	1 Lot	N/A

The Contractor shall deliver and install the completed system to: **Shaw Air Force Base, South Carolina (ACC), Building 1122.** All logistics coordination shall comply with base access and delivery requirements.

6. TESTING AND COMMISSIONING

Following installation, the Contractor shall perform:

- Mechanical functionality testing
- Power/data outlet testing
- Retractable system operation verification
- Height controller functionality verification

The system shall be considered commissioned upon successful testing and government acceptance.

7. ACCEPTANCE CRITERIA

Acceptance will be based on:

- Conformance with approved design specifications
- Successful functionality testing
- Structural integrity verification
- Operational readiness for all 9 workstations (across both rooms)

8. WARRANTY

The Contractor shall provide a standard warranty covering manufacturing defects and mechanical components for a minimum period specified in the contract agreement.

9. HOURS OF OPERATION

9.1. Normal Hours of Operation

The contractor shall perform the services required under this contract during the following hours: MON–FRI 0700–1600, with the exception of federal holidays. The contractor may work, with prior approval of the Contracting Officer, extended hours to ensure timely completion of work at no additional cost to the government.

9.2. Recognized Holidays

The contractor is not required to provide service on the following days: New Year’s Day, Martin Luther King Day, Presidents Day, Memorial Day, Juneteenth, Independence Day, Labor Day, Columbus Day,

Veterans Day, Thanksgiving Day, and Christmas Day. If the holiday falls on Saturday, it is observed on Friday. If the holiday falls on a Sunday, it is observed on Monday.

10. GENERAL INFORMATION

10.1. Re-performance of Service

When service performed does not conform to contract requirements the contractor shall perform or re-perform the service in conformity with contract specifications at no additional cost to the government.

10.2. Government Remedies

The contracting officer shall follow FAR 52.212-4(a), Inspection and Acceptance Clause, for contractor's failure to perform satisfactory services or failure to correct non-conforming services.

10.3. Physical Security

The contractor shall safeguard all government property. The contractor shall ensure no government owned or controlled real or personal property is damaged during any service provided under the contract. The contractor shall be responsible for the repair or replacement of any government property damaged by the contractor at no expense to the government.

10.4. Contract Employees

The contractor shall not employ persons for work on this contract if such employee is identified to the contractor by the contracting officer as a potential threat to the health, safety, security, general well-being or operational mission of the installation and its population.

11. BASE ACCESS

11.1. Background Checks and Passes

Contractors shall visit the Visitor's Control Center (VCC) initially with a representative from the 20 WG/CP to go through background checks. When complete they will obtain multi-day passes (with vehicle) that allows installation access for 30 days. If required, further extensions can be coordinated through the same channels. Contractor personnel are required to wear or prominently display installation identification badges or contractor-furnished contractor identification badges while visiting or performing work on the installation.

11.2. Facility Access

Facility access for contractors/employees will be coordinated via Security Managers/ Assistants. All contractor personnel will require access badges and will be worn/ displayed while conducting work in the facility.

11.3. Smoking, Eating and Drinking

The contractor shall permit smoking, eating, and drinking only in designated areas.

11.4. Driving License/On-base Requirements

The contractor and employees shall comply with base traffic regulations at all sites. The contractor shall ensure employees have a current and valid state/country driver's license for the type of vehicle being driven before allowing the employee to operate a personal vehicle on AFSOC Bases.