Statement Of Work
For
Installation of Solar Control and Security Window Film for Glare, Heat Reduction, and Blinds for Secure Open Storage Compliance
Work Task# 18971742
July 21, 2026

PREPARED BY:

21st CIVIL ENGINEER SQUADRON
1 NORAD RD
CHEYENNE MOUNTAIN SPACE FORCE STATION, CO 80914

1. BACKGROUND AND OBJECTIVE

1.1. The purpose of this project is to supply and install solar control and security window film on existing windows at Building 101, which will be referred to as "Location 1", as well as security film on existing window and door glass within Buildings 12001 and 12100, which will be referred to as "Location2", on Cheyenne Mountain Space Force Station.

1.2. The existing facility windows are factory-installed, blast-rated laminated glass that currently meets UFC 4-010-01 (DoD Minimum Antiterrorism Standards for Buildings).

1.3. Building 101 is designated for a planned transition to the Open Storage of Classified Material (Secure Room / Open Storage Area) governed by DoDM 5200.01, Volume 3, 32 CFR Part 2001.53, and DCSA Form 147.

1.4. Location 1 and Location 2 have distinctly different requirements for the type and appearance of window film installed.

1.5. Primary Objectives

1.5.1. Reduce interior glare and solar heat gain in administrative areas using high-performance, daylighting-compliant solar film.

1.5.2. Establish a "future-proofed" installation protocol for windows within the designated future Open Storage Area (OSA) to enforce strict visual and technical security compliance.

1.5.3. Maintain existing structural blast ratings and acoustic seals without voiding glass manufacturer warranties or causing thermal stress fractures.

1.5.4. Provide Security Forces personnel with a one-way observation solution at either side of the blast doors to the complex.

2. SCOPE OF WORK

2.1. General

2.1.1. The Contractor shall provide all labor, materials, equipment, and supervision necessary to install solar control and security window film on the interior surface of approximately 152 windows within Building 101, three (3) windows and one (1) half-lite door in Building 12100, and one (1) window and one (1) half-lite door in Building 12001 totaling approximately 3,100 square feet.

2.1.2. Contractor shall also install roll up type blinds on all EAST facing second level office windows excluding office number 203 and main entrance atrium.

2.1.3. The Contractor shall follow all current, applicable codes, regulations, standards, and criteria.

2.1.4. All work procedures and materials shall be approved by the 21st Civil Engineering Squadron (21 CES) prior to the start of work.

2.1.5. The work shall be done by qualified mechanics and tradesmen skilled in their respective trades.

2.2. Window Inventory & Dimensions

2.2.1. The following table outlines the estimated window inventory and dimensions. These figures represent the baseline scope for planning purposes.

Window Type / Description	Dimensions (H x W)	Estimated Count
Average Windows	60 in. x 48 in.	150
Large Windows	103 in. x 44 in.	4
Wide Windows	60 in. x 70 in.	2
Small / Transom Windows	28 in. x 70 in.	2
Total Estimated Scope	**Approx. 3,100 sq. ft.**	**158**

2.3. Site Investigation and Conditions Affecting Work

2.3.1. The Contractor acknowledges that it has taken steps reasonably necessary to ascertain the nature and locations of the work, and that it has investigated and satisfied itself as to the general and local conditions which can affect the work or its cost, including but not limited to:

2.3.1.1. Conditions bearing upon transportation, disposal, handling, and storage of materials

2.3.1.2. The availability of labor, water, electric power, and roads

2.3.1.3. Uncertainties of weather, river stages, tides, or similar physical conditions at the site

2.3.1.4. The conformation and conditions of the ground

2.3.1.5. The character of equipment and facilities needed preliminary to and during work performance.

2.3.2. The Contractor also acknowledges that it has satisfied itself as to the character, quality, and quantity of surface and subsurface materials or obstacles to be encountered insofar as this information is reasonably ascertainable from an inspection of the site, including all exploratory work done by the Government, as well as from the drawings and specifications made a part of this contract.

2.3.3. Any failure of the Contractor to take the actions described and acknowledged in this paragraph will not relieve the Contractor from responsibility for estimating properly the difficulty and cost of successfully performing the work, or for proceeding to successfully perform the work without additional expense to the Government.

2.3.4. The Government assumes no responsibility for any conclusions or interpretations made by the Contractor based on the information made available by the Government.

2.3.5. Nor does the Government assume responsibility for any understanding reached or representation made concerning conditions which can affect the work by any of its officers or agents before the execution of this contract, unless that understanding, or representation is expressly stated in this contract.

3. TECHNICAL & MATERAIL REQUIREMENTS

3.1. Material Specifications by Location

3.1.1. Location 1 shall have film classified as Premium Nano-Ceramic or Spectrally Selective Solar Film incorporating the Certified TEMPEST Technical Authority (CTTA), specialized RF/IR blocking technology. Standard dyed dark tints are strictly prohibited.

3.1.2. Location 2 shall have a film installed to limit viewing into the facility to the extent possible without restricting views out of the facility during operations.

3.1.3. Contractor shall submit physical samples ranging from 10% to 75% VLT for selection.

3.1.4. Location 1 windows finished exterior reflectivity must not exceed 15% (non-reflective/low reflectance). Mirrored, highly reflective, or "one-way" tints are strictly prohibited.

3.1.5. Location 2 windows finished exterior reflectivity will provide limited view into the guard facilities from the exterior.

3.1.6. Location 1 Blinds - Heavy-duty, commercial-grade, opaque window blinds. Blinds must be permanently secured roll up type matching currently installed. Installation will only include entire east side of second story, excluding office/room number 203, but will include west side office/room number 212 & 213 second floor.

3.1.7. No blinds will be installed at location 2.

4. SECURITY & INSTALLATION REQUIREMENTS

4.1. Future Open Storage Physical Security Integrity

4.1.1. Installers must stop the window film 3mm to 5mm short of the window frame edges.

4.1.2. The film must not contact or degrade the existing structural silicone or acoustic seals.

4.2. Installation Procedures

4.2.1. Thoroughly clean all interior glass surfaces and frames prior to application.

4.2.2. The film shall be applied uniformly without visible air bubbles, creases, peeling, or debris.

5. GENERAL & ADMINSTRATIVE REQUIREMENTS

5.1. Environmental & Hazardous Material Handling

5.1.1. The Contractor shall provide Safety Data Sheets (SDS) for all materials and handle hazardous materials according to all local, state, and federal laws.

5.1.2. Any spills or releases must be reported immediately to the Cheyenne Mountain Control Center (CMCC) at 719-474-3575/3558 and the Environmental Section at 719-474-2217.

5.2. Work Schedule

5.2.1. Working hours will normally be between 7:00 a.m. and 4:00 p.m., excluding Saturdays, Sundays, and Federal Holidays.

5.2.2. Deviations from the normal hours must be approved, in writing, by the 21 CES Requirements and Optimization section (R&O) or the contracting officer in writing prior to any deviance.

5.3. Work Area Access

5.3.1. Location 1: This worksite is located on CMSFS but not within the restricted area and all contractors must have proper authorization.

5.3.2. Location 2: This worksite is located inside a restricted area at CMSFS, and all contractors must have proper authorization. The contractor's company shall ensure contractors have been authorized to enter the restricted area, ESCORTS will be provided by contractor.

5.3.3. Upon acceptance of this contract, the contractor shall meet with coordinating personnel for visitor passes.

5.3.4. The Contractor shall coordinate Visitors Pass processing with R&O 719-474-2775.

5.3.5. Any contractor who fails to pass a background check will not be permitted to work on the installation.

5.4. Safety

5.4.1. All operations shall be conducted in accordance with OSHA requirements (29 CFR 1910 and 1926)

5.4.2. All operations shall be conducted in accordance with Air Force Occupational Safety & Health (AFOSH) standards (DAFMAN 91-203)

5.5. Protection of Government Property

5.5.1. The Contractor shall use reasonable care to avoid damaging existing buildings and property.

5.5.2. The Contractor shall be liable for the cost of repair or replacement of any damage caused by their failure to use reasonable care.

6. SUBMITTALS & DELIVERABLES

6.1. Contractor Submittals Prior to Install

6.1.1. Prior to commencing work, the Contractor must submit the following for Government approval:

6.1.1.1. Film-to-Glass Compatibility Chart from the manufacturer.

6.1.1.2. A factory-certified Thermal Stress Analysis.

6.1.1.3. Material Samples (minimum 8"x10") of all proposed films.

6.2. Contractor Submittals Post Install

6.2.1. At the completion of the contract, the Contractor shall provide:

6.2.1.1. All applicable documents for operations and maintenance.

6.2.1.2. All reports and results for any tests performed.

7. CLEANUP & INSPECTION

7.1. Site Maintenance & Cleanup

7.1.1. The Contractor shall keep the work area neat, clean, and safe, cleaning up at the end of each shift.

7.1.2. All project-generated trash and debris shall be collected and hauled from the site daily.

7.1.3. Upon completion, the Contractor shall leave the work site in a clean and workmanlike condition satisfactory to 21 CES.

7.2. Inspection

7.2.1. A final walk-through inspection will be conducted by Civil Engineering representative, and the Contracting Officer Representative (COR) to ensure compliance with this Statement of Work.

7.2.2. Any items identified as punch list will be accomplished by the contractor at no additional cost to the government.