

**STATEMENT OF OBJECTIVES
FOR PURCHASE OF WHITE BOARD CONVERSION, DELIVERY,
AND INSTALLATION**

28 Aug 2023

Project Title:	Purchase and install white board material to cover existing chalk boards, delivery and Installation.
Project Location:	8 classrooms located in Buildings 2354 and 2355, at United States Air Force Academy, CO
Appendix 1:	Current condition of whiteboards

1. DESCRIPTION OF PROJECT:

A. PROJECT OVERVIEW FOR INFORMATIONAL PURPOSES: Eight cadet classrooms require chalk board resurfacing to white board conversion. This strategy had been executed about 10 years ago and over time with use, the existing metal panels with porcelain on face side are peeling off or have peeled off, leaving the plywood substrate exposed or the slate chalkboard exposed. The Dean of Faculty needs to replace or add new white boards to adhere to plywood substrates or slate chalkboards, to completely cover the existing substrate and frame the completed boards with approximately ½ inch wide brushed aluminum frames. All chalk/marker trays are intact and usable. The existing metal and porcelain materials that have come off of the substrates or will have to be removed will need to be discarded off base.

B. FOR BIDDING PURPOSES

B.1. SUPPLY AND INSTALLATION OF NEW WHITE BOARD MATERIAL OVER EXISTING SLATE OR PLYWOOD SUBSTRATE: NEW MATERIAL WILL BE USED 5 DAYS A WEEK FOR 8-12 HOURS EACH DAY FOR THE ENTIRE ACADEMIC YEAR AND DURING SUMMER SESSION. MATERIAL IS REQUIRED TO HAVE A LIFE EXPECTANCY/WARRANTY OF AT LEAST 10 YEARS.

1. Continuous writing surface with minimal seams

a. The preference is to minimize seams with no more than

1 seam for every 8 feet of length

2. Projectable surface; low reflectivity

3. White boards to accept magnetic accessories

4. Porcelain enamel steel material

B.1.1. Contractor shall replace marker board material on top of existing plywood substrate or slate substrate in the following classrooms:

a. Room 4D 22 –poor condition. 2 of 3 walls have metal overlay that have peeled off of the slate substrate

1. West wall: 170 inches wide by 60 inches H

2. North wall: 330 inches wide by 60 inches H

3. East wall: 238 inches wide by 60 inches H

b. Room 4D 20—poor condition. Partial delamination on all walls. Mounted on top of slate

1. East wall: 228 inches wide by 60 inches H

2. South wall: 42 inches wide by 60 inches H and 233 inches wide by 60 inches H

3. West wall: 218 inches wide by 60 inches H

c. Room 4D 54: poor condition—all are delaminated off of slate

1. East room: 234 inches wide by 60 inches H

2. South room: 330 inches wide by 60 inches H

3. West room: 173 inches wide by 60 inches H

d. Room 4H 25 poor condition—one board is completely off substrate; 2 are beginning to come off.

1. East wall: 234 inches wide by 60 inches H

2. South wall: 330 inches wide by 60 inches H

3. West wall: 243 inches wide by 60 inches H

e. Room 5F 23: poor condition; delamination off of slate

1. North wall: 242 inches wide by 60 inches H
2. East wall: 284 inches wide by 60 inches H
3. South wall: 236 inches wide by 60 inches H

f. Room 5F 19—poor condition- all boards are delaminating

1. North wall: 234 inches wide by 60 inches H
2. East wall: 355 inches wide by 60 inches H
3. South wall: 242 inches w by 60 inches H

g. Room 5F 25—poor condition—all are coming off of substrates

1. South wall:
2. North wall:
3. West wall:

h. Geiger Hall Building 2355 room 2P 360 –one board needs a replacement -- mounted to drywall

1. North wall: 141 inches wide by 48 inches H

B.1.2. Each contractor providing a quote shall provide photos and cut sheet information of all white board materials and strategies quoted for entire project.

D.1. DELIVERY, SETUP, and CLEANUP:

D.1.1. The contractor shall be responsible for any clean-up associated with the delivery and installation.

E.1. BADGING:

E.1.1. All contractor personnel shall have passes/badges obtained in accordance with USAFA procedures, not later than one (1) day prior to start of on-site work.

F.1. ADDITIONAL CONSIDERATIONS:

F.1.1. The contractor shall be responsible for all measurements of the site necessary to complete the installation of white board surfaces. Site visit to confirm measurements to be after award and before ordering materials.

F.1.2. The contractor shall be responsible for any damages to the building, its floors, its walls, etc. Any damages incurred by the contractor shall be repaired at the cost of the contractor.