

**STATEMENT OF WORK FOR
MULTIPLE AWARD CONSTRUCTION CONTRACT (MACC)
PROJECT MUHJ 10-4093
REPAIR NOR'EASTER DAMAGE, FLOORS/WALLS/CEILINGS, F. 658
AT
LANGLEY AFB, VIRGINIA**

The following statement of work for the MACC contract is keyed to the General Provisions contained in Attachment 3 to the basic contract and serves to clarify intent within the annotated paragraphs. The requirements identified within the General Provisions shall remain in full affect unless otherwise specifically noted.

1.1 CURRENT CONDITIONS:

Project Number MUHJ 10-4093, Repair Nor'easter Damage, Floors/Walls/Ceilings, F. 658

§ 658 sustained storm damage during the Nor'easter in multiple places, with the gym floor receiving a majority of the water damage. The gym floor is made of hardwood, and during the storm it was flooded with multiple inches of standing water. Currently, the gym floor is totally unusable. There is severe washboarding across the entire surface, and many areas across the floor have two slats that have moved vertical and stick in the air. Additionally, the floor surface against the SW wall is raised up approximately two feet over approximately an 8 foot width. Windows along the NW and SE sides do not have sufficient seals and/or gaskets, causing water to blow into the facility and leak onto the gym floor. There are also multiple patches in the ceiling above the gym floor that leak. On the ceiling in the upper cardio room (cardio area above NE wall of gym) there is a large hole that was leaking. It was also leaking in about a 30' section along the back wall. In the "U room" in the SW corner of the building, the carpet was soaked because the doors and windows do not seal and water was blown in.

The Contractor shall use the government-furnished documents to complete the build effort as outlined in all following sections of this Statement of Work.

1.2. BUILD:

MUHJ 10-4093, Repair Nor'easter Damage, Floors/Walls/Ceilings, F. 658: The scope of work for this project includes the following areas at the site that require repair.

Reference the attached As-Built drawings for take-off purposes

1.2.1. Repair by replacement the seals & gaskets at the windows on the NW and SE sides of facility – color and finish of new materials shall match existing.

- 1.2.2. Repair by replacement carpet and door and window seals in U room (See Attached Drawings)** –The new carpet texture, grade, finish and appearance shall match that of the non-damaged rooms. The color and finish of new materials on the doors and windows shall match existing.
- 1.2.3. Repair by replacement ceiling patches over gym floor** – Patches in two areas over the gym floor are leaking (approx. 500 SF). The Contractor shall determine the cause and source of the leaking through field investigation and make appropriate repairs. The color and finish of the ceiling repair shall match existing area. This repair shall be completed before work begins on installing the new gym floor (section 1.2.4).
- 1.2.4. Repair by replacement the gym floor**-- Includes the replacement of the hardwood floor system and related appurtenances. The floor must meet the DIN floor standards outlined by the American College of Sports Medicine (ACSM) which are: Shock Absorption - 53% minimum; Standard vertical deformation - 2.3mm; Minimum Deflective Indentation - 15%; Maximum Sliding Characteristics - 0.5 to 0.7 range; Ball Deflection - 90% minimum; Rolling load - 337.6 lb. Additionally, the floor will not be wood and must be able to withstand being submerged for a prolonged period under saltwater from the Back River without being damaged. The Contractor shall ensure that the Sub-contractor used to install the new floor is a reputable business, having five years or more experience in installing synthetic gym floors. The Contractor shall provide the Government examples of at least four (4) projects that are within the same price range that were accomplished within the last three (3) years, as well as POCs and contact information.
- 1.2.5. Repair by replacement ceiling over cardio area** -- The ceiling over the upper cardio area leaks and has made a hole in the ceiling. The Contractor shall determine the cause and source of the leaking through field investigation and make appropriate repairs. The color and finish of the ceiling repair shall match existing area.

2. PROGRAM MANAGEMENT:

The Contractor shall sequence his work to ensure progress efficient for occupancy and use.

2.1 SUBCONTRACTORS:

No variance.

2.2 QUALITY CONTROL PLAN:

No variance.

3. RESPONSE REQUIREMENT

No variance.

4. DESIGN DOCUMENTS, GENERAL:

No variance.

4.1 DRAWINGS, BID SCHEDULE AND COST ESTIMATE:

See Section 2.1 for variance.

4.2 DRAWING:

No variance.

4.3 RENDERED PERSPECTIVE:

No variance.

4.4 SPECIFICATIONS:

No variance.

4.5 CONSTRUCTION COST ESTIMATE BREAKDOWN:

No variance.

4.6 PREPARATION OF AF FORM 66, Schedule of Material Submittals:

No variance.

4.7 BID SCHEDULE:

No variance.

5. DESIGN ANALYSIS:

No variance.

6. CONTRACT DOCUMENTS SPECIAL REQUIREMENTS:

No variance.

7. APPLICABLE CODES AND REGULATIONS:

In addition to Special Conditions Section 01 11 00, paragraph 1.6, refer to the below:

- A. International Building Code
- B. International Mechanical Code
- C. International Fire Code
- D. International Code Council (ICC) International Plumbing Code
- E. National Electrical Code (NEC)
- F. ANSI C-2, National Electrical Safety Code (QIESC)
- G. Life Safety Code, NFPA 101
- H. Applicable Unified Facilities Guide Specifications
- I. Unified Facilities Criteria UFC 3-410-01FA Heating, Ventilating, and Air Conditioning
- J. American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE) Standard 55-2004, Thermal Environmental Conditions for Human Occupancy (ANSI Approved)
- K. American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE) Standard 62.1-2004, Ventilation for Acceptable Indoor Air Quality (ANSI/ASHRAE Approved)
- L. Leadership in Energy and Environmental Design (LEED®) for New Construction and Major Renovation v2.2 Reference Guide
- M. National Fire Protection Association Codes (NFPA) – latest edition
- N. Air Combat Command Fire Protection Standards and Assessment

8. GOVERNMENT POINT OF CONTACTS

633 CES Project Manager – 1Lt Steve Mackinder (757) 764-1142
Facility Manager – MSgt Jennifer Mason (757) 764-5791