

**STATEMENT OF WORK FOR  
MULTIPLE AWARD CONSTRUCTION CONTRACT (MACC)  
PROJECT MUHJ 10-4108  
REPAIR BETHEL RESERVOIR FENCE  
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. DESCRIPTION OF WORK**

**1.1 CURRENT CONDITIONS:**

During the November Nor'easter, segments of the Bethel Reservoir fence were struck down by fallen trees and loosened from the soil by heavy rain and its proximity to the reservoir shore. Along the fence line that surrounds the reservoir, the resulting fence damage has degraded the level of security that the fence provides to Government property.

**1.2 DESCRIPTION OF SERVICE:**

The Contractor shall furnish all labor, vehicles, equipment, and material required to perform Contractor Services to complete the items of work listed in this Statement of Work (SOW). The Contractor shall remove fallen trees off of the fence and shall cut back underbrush and vines. The Contractor shall remove damaged chain-link fence fabric, poles, top rails, gate leaves, gate post, barbed wire extension arms, and barbed wire as designated and shall replace fence line fabric, fence posts, corner posts, top rails, gate leaves, gate posts, barbed wire extension arms, and barbed wire as designated. All debris resulting from the Contractors operations (demolition, cleanup and construction) shall be disposed of legally off site at a legal disposal site. The stated work is on the security fence that encompasses Government Property surrounding Bethel Reservoir. The new fence will be constructed of steel, 6'0" in height and will be topped by three (3) strands of barbed wire for a total height of 7'0" and will be located in the same fence line as the existing chain-link fence. The Contractor shall sequence his work to ensure efficient progress towards project completion in the designated time allotment. **The period of performance is 113 days.** The Contractor shall use the government-furnished documents to complete the repair effort as outlined in all following sections of this Statement of Work. The attached drawing and information are provided for bidding purpose and information only. **The Contractor shall field verify all dimensions and requirements prior to submitting the proposal.**

### 1.3 SCOPE OF WORK:

**MUHJ 10-4108 Repair Bethel Reservoir Fence:** The scope of work for this project includes the following fence sections, around Bethel Reservoir, that require repair. The Contractor is responsible for removing on a daily basis, all debris and demolished materials from the job site and disposing of such material legally, off the Government's property, in accordance with environmental regulations and all applicable State, Federal, and local criteria. The Contractor shall use the government-furnished Documents to complete the repair effort as outlined in all the following sections of this Statement of Work. Reference the attached Table 1 and drawings 1 – 6 and drawing C-101 (fencing detail) for informational purposes only.

**1.3.1. Repair by Replacement Fence Section A (A.1 – A.2)** – Clear along the fence line, 2 feet on the Government property side of the fence, by cutting vegetation and trees, less than 4 inches in diameter, within 1 inch of the finish grade (grubbing, stump grinding, and removal of root mat is not included in the scope). Remove all vegetative material off of the fence including any trees that have fallen across the fence. Along the fence line, repair depressions, recesses, and eroded areas in the earthwork, by filling in with topsoil. Remove and replace all fence fabric. Remove and replace all damaged fence posts, corner posts, top rail sections, gate leaves, and gate posts. When applicable, remove and replace all damaged barbed wire extension arms and all barbed wire strands. Where barbed wire extension arms and barbed wire strands are not part of the existing fence, the Contractor shall install new 3-strand barbed wire extension arms and 3 strands of barbed wire, the entire length of the fence line section being repaired. Extension arms shall be installed such that they are angled outward from the Government's property, except where the fence line is directly on the Government's property line, in which case the extension arms shall be modified (with exception approval) to be vertical or angled into the site. New fence fabric and fence accessories shall match the existing in size, type, and finish with seamless integration. The Contractor shall ensure that the new fence is in the same fence line as the existing chain-link fence.

**1.3.2. Repair by Replacement Fence Section B (B.1 – B.2)** – Clear along the fence line, 2 feet on the Government property side of the fence, by cutting vegetation and trees, less than 4 inches in diameter, within 1 inch of the finish grade (grubbing, stump grinding, and removal of root mat is not included in the scope). Remove all vegetative material off of the fence including any trees that have fallen across the fence. Along the fence line, repair depressions, recesses, and eroded areas in the earthwork, by filling in with topsoil. Remove and replace all fence fabric. Remove and replace all damaged fence posts, corner posts, top rail sections, gate leaves, and gate posts. When applicable, remove and replace all damaged barbed wire extension arms and all barbed wire strands. Where barbed wire extension arms and barbed wire strands are not part of the existing fence, the Contractor shall install new 3-strand barbed wire extension arms and 3 strands of barbed wire, the entire length of the fence line section being repaired. Extension arms shall be installed such that they are angled outward from the Government's property, except where the fence line is directly on the Government's property line, in which case the extension arms shall be modified (with exception approval) to be vertical or angled into the site. New fence fabric and fence accessories shall match the existing in size, type, and finish with seamless integration. The Contractor shall ensure that the new fence is in the same fence line as the existing chain-link fence.

**1.3.3. Existing Fence Connections:** Wherever the new fence joins an existing fence, either at a corner or at the intersection of straight fence lines, a corner post with a brace post shall be set at the junction and braced as specified herein for corner posts. If the connection is made at other than the corner of the new fence, the last span of the old fence shall contain a brace span.

**1.3.4. Environmental Compliance:** The Contractor shall, on a daily basis, safely remove, transport, and dispose of construction debris at a licensed off-base disposal site. The Contractor is responsible for any permit or fees associated with construction debris disposal.

**1.3.5. Work Site Security Requirements:** The Contractor shall ensure that the job site and equipment is secured at the end of each workday. The Contractor shall only remove the amount of fencing that it can repair and replace in one day. Under no circumstances will the Contractor not replace the portion of fence which was removed on any particular day. The Contractor shall understand the liability caused by their not replacing any portion of the fence, thereby causing a hazard of a foressable, or an unforeseeable nature, and is solely the responsibility of the Contractor. The Contractor agrees to hold the Government harmless, and indemnify the Government, for any damages incurred due to their rendering the perimeter fencing insecure. The Contractor shall protect the Government's property during the duration of this contract and is responsible for any damages that may occur on the Government's property while the fence sections are removed for replacement.

**1.3.6. Flagging and Traffic Control:** The Contractor shall provide all necessary road hazard warning signs or devices, flagmen, and any traffic control that may be required as a result of SOW items that are in close proximity to public roads. This includes securing any applicable permits and generating written or verbal notifications that must be made to local or state government agencies regarding work that may interfere with traffic flow on public and private roadways. The Contractor is responsible for the payment of any permits or fees associated with traffic control.

**1.3.7. Sanitary Facilities:** At locations designated by the Government, the Contractor shall provide chemical sanitary toilets that conform to Section 01 11 00, SPECIAL CONDITIONS. The chemical toilets shall be serviced regularly, and will be subject to government inspection by the Base Medical Officer. All sanitary deficiencies shall be corrected within 24 hours after notification.

**1.3.8. Permission to Work and Access to Private Property:** The Contractor shall contact the property owner and obtain, in writing, permission to gain access to the fenceline and work on private property when required in order to repair or replace damaged fencing and (or) to remove vegetative matter and debris. The Contractor shall be responsible for the cost and repair of any damages that may occur while work is being performed on (or) adjacent to private property.

## **2. PROGRAM MANAGEMENT:**

The Contractor shall sequence his work to ensure progress that assures security for Government property.

### **2.1 COMMENCEMENT, PROSECUTION AND COMPLETION OF DESIGN:**

N/A

**2.2 SUBCONTRACTORS:**

No variance.

**2.3 QUALITY CONTROL PLAN:**

No variance.

**3. RESPONSE REQUIREMENT:**

No variance.

**4. DESIGN DOCUMENTS, GENERAL:**

No variance.

**4.1 DRAWINGS, BID SCHEDULE AND COST ESTIMATE:**

No 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. Life Safety Code, NFPA 101

- B. Air Force Handbook 32-1084, Chapter 21, Section A - Fence
- C. Langley AFB Special Conditions – latest edition
- D. Langley AFB Asset Management Special Conditions – latest edition
- E. MIL-HDBK-1013/10

## **8. GOVERNMENT POINT OF CONTACTS**

633 CES Project Manager – Mr. Tom Lightfoot (757) 764 – 4619

Facility Manager – Ms. Barbara Addison (757) 342-4281