STATEMENT OF WORK
Table Mountain Fence Replacement

U.S. Department of Commerce
National Telecommunications and Information Administration
Institute for Telecommunication Sciences

1. BACKGROUND

The Institute for Telecommunication Sciences (ITS) provides research and development support for the National Telecommunications and Information Administration (NTIA) by performing basic research in radio science that provides the technical foundation for NTIA's policy development and spectrum management activities, as well as solving telecommunications challenges for other Federal agencies, state and local Governments, private corporations and associations, and international organizations. Additionally, ITS addresses emerging telecommunications, information technology, and security challenges and contributes to the creation of telecommunications standards that support the full and fair competitiveness of the U.S. communications and information technology business sectors.

2. OBJECTIVE

ITS, as custodians of the Table Mountain Field Site and Radio Quiet Zone, requires that 1700 acers of barbed wire fence be replaced with chain link on Table Mountain.

3. REQUIREMENTS

ITS requires that 1700 acers of barbed wire fence be replaced with 7-foot + I-foot chain link fence. The fence is located on the property line of Table Mountain. All operations and products must adhere to the CDOT regulation m-607-2 Chain Link Fence and gates, attached hereto at Attachment A.

Contractor shall provide the following:

3.1. Services and Deliverable

- Remove barbed wire fence
- Replace with 7 foot + **1** foot chain link fence.
- Fence posts are to be inserted to a depth of 38-inches line post and 44-inches terminal post, 12-inch DIA in a concrete footer. Fence posts installed are to be a minimum of 84-inches high and covered with chain link 2-inch mesh No. 9 gage galvanized on fence posts. 12-inch 3-wire barbed wire on top offence.
- Replace the West gate 16-foot cantilever gate.
- Replace North gate 28-foot cantilever gate.
- Install 2 4-foot walk through gates.
- Installation of 12-inch W x 15-inch **H** No Trespassing Government signs along the fence. To be provided by NTIA/ITS

3.2. Mobilization and site preparation

- Clearing and grubbing of vegetation, debris and existing deteriorated fencing

along the alignment of the proposed fence will commence following establishment and staking of the new fence line.

- The existing fence will be left in place where it does not interfere with the installation of the new fence.
- Where required, trees and existing fence posts along the Site boundary will be cut off at ground level. Ground undulations along the fence line will be corrected to obtain a uniform gradient between fence posts.
- Debris, if any, and old fencing removed from the fence alignment will be removed from site by the contractor.

3.3. Fence Installation

- Upon completion of clearing and grubbing operations, line posts, corner posts and gate posts will be installed with the following specifications.
  - 2 7/8" diameter terminal post with 12" post footing diameter and 44" post footing depth.
  - 2 3/8" diameter line post 12" post footing diameter and 38" post footing depth. Line post spacing 120".
  - Top offence 1 5/8" diameter top rail.
  - Fence braced with 1 5/8" diameter middle brace and truss.
  - 3 strands ofbarbed wires with extended terminal post placed at 45 degrees to keep outsider out.

3.4. Government Signage

- Warning signs must be conspicuously placed along the fence and on each gate at intervals so that at least one sign is recognizable at night from a distance of 30m (100 ft.) from any way that could reasonably be used to approach the enclosure.
- Government provided NO TRESPASSING signs will be placed not more than 40 feet apart along the fence line, at each corner of the property line, and on gates.

4. PLACE OF PERFORMANCE

The fence replacement shall be completed at the following Government location:

NTIA - Table Mountain Field Site
8600 N 39th Street
Longmont, CO 80503

Address is for the facility West gate. North gate access is also available via 51st and Nelson Road.

5. **Point of Contact** – Provided at time of award.

6. PERIOD OF PERFORMANCE

Service starts at the time of the award and expires at the completion of the work based on approved milestones.