Statement of Work

**1. Purpose**

Provide connectivity at the Will Rogers’ Birthplace Ranch from the main IDF to the primary residence and the barn.

**2. Scope**

2.1. The project will consist of laying fiber to the primary residence and barn. In addition to the above, we also need to have at least 28 cat 6A cables pulled. We will also need a 4 post rack, UPS, and a small wall mounted network enclosure.

2.2. The sites are as follows:

* + Will Rogers’ Birthplace Ranch located at 9501 E 380 Rd, Oologah, OK 74053

**2.3.** Will Rogers’ Birthplace Ranch IDF:

We require a 4 post rack in the IDF. We also need a quote for a UPS that ideally will work with 30A power. We also need the cables terminated and vendor must supply wall plate(s) and low-voltage mounting kit(s) for this location. Additionally, each drop must be tested and verified. From this location we need fiber run to the main Birthplace Ranch and to the Barn

 **2.4.** Will Rogers’ Birthplace Barn:

We require fiber run to a wall mounted 19U enclosure. We also require a run of cat 6A to terminate at a Wireless access point located inside the barn. Additionally we require a run of cat 6a to terminate at a wall plate on the south side of the enclosed space within the barn.

 **2.5.** Will Rogers’ Birthplace Ranch:

We require fiber run to the second floor to terminate in a 19U wall mounted enclosure. Then we need in the second floor east office two cat 6A cables pulled and wall plates installed on the east wall. On the east second floor we need a cat 6A cable pulled through the roof to where an access point will be mounted in the center of the room. On the east side second floor we will need another Cat 6A cable pulled to the northeast corner of the room. On the west second floor we need a cat 6A cable pulled through the roof to where an access point will be mounted in the center of the room. On the west side second floor we will need another Cat 6A cable pulled to the northwest corner of the room. Between the east and west second floor we need a Cat 6A cable pulled to the door on the east room. The second floor will require a total of 7 Cat 6A cable pulls.

On the first floor we will need a total of 15 interior cable runs and 3 exterior cable runs. On the front porch, we’ll need a cable run to the center of the porch. When entering the foyer we’ll need a cable run on the ceiling for a wireless access point. In the front east room, we’ll need a cable run to the southeast corner ceiling. In the front west room, we’ll need a cable run to the southwest corner ceiling. In the back west room, we’ll need cable run to the west wall with two cables pulled to a wall jack in the halfway point of the wall. We’ll also need in the north west corner of the room a cable run. In the center of the room in the ceiling, we’ll need a cable run for a wireless access point. On the east wall of this west room, we’ll need a cable run for a wall plate and two cables. In the center north room, we’ll need a cable run pulled to the center of the ceiling. In the center north room west wall we’ll two cables run to a wall plate. In the west room we’ll need a cable run to the center of the room to terminate on a wireless access point. On the west room west most wall we’ll need a cable run through the ceiling. On that same wall we’ll need two cables pulled to terminate to wall jack. On the exterior north east and north west walls we’ll need cable pulled to the outside from the second floor.

**2.4. Vendor supplied materials.**

We expect the vendor to use and supply Panduit wall plates, keystone jacks, and cabling at all of the above locations. We expect the vendor to also install j-hooks where necessary.