STATEMENT OF WORK

TRES PIEDRAS RANGER DISTRICT

TRES PIEDRAS ADMINISTRATIVE SITE WATERLINE REPLACEMENT (HEALTH & SAFETY)

CARSON NATIONAL FOREST

I. Scope of Work

The Carson National Forest is seeking a contractor to construct a new water line from the Tres Piedras Well site to the District Offices and facilities located at the Tres Piedras Ranger District Administrative site, including all furnishings, appurtenances, and connections to existing service sites.

II. Location:

From the Carson National Forest Supervisors Office: Drive West on Cruz Alta Rd. to State Road 68. Proceed North along HWY 68 (merges with US HWY 64). Remain on HWY 64 and proceed to Tres Piedras NM. Continue West along HWY 64, Tres Piedras Ranger District Office will be on the right-hand side of the road.

Approximate GPS Location: 36.65115, -105.97363

Well Site: From the Tres Piedras Ranger District Office: Drive West on HWY 64 towards Tierra Amarilla Proceed West for approximately 1.4 miles Forest Service Road 64H will be located to the left. Continue along Forest Service Road 64H for .15 mile at the intersection turn left, follow this Forest Service Administration Road. The Tres Piedras Well site will be located on the left-hand side.

Approximate GPS Location: 36.6466970, -105.9929817

III. Objectives:

Base Bid (Non-sequential order):

1. The Contractor shall Trench & install 2” HDPE waterline, at a minimum bury depth of 4’-00” as shown on the drawings, throughout the district compound. Included in this work will be the installation of multiple shutoff valves, fire/yard hydrants, HDPE pipe fittings to include TEE’s and 4-way crosses, PVC caps etc. Reference drawings for further details.

   NOTE: Existing waterlines are of both PVC and Galvanized materials. Transition fittings from those materials to HDPE will be required. See drawings & specifications for additional details.

Bid Option A (Non-sequential order):

1. The Contractor shall Trench & install 2" HDPE waterline, at a minimum bury depth of 4'-00" as shown on the drawings, at the existing well head site. Included in this work will be the installation of multiple shutoff valves & associated enclosures, HDPE pipe fittings which may include TEE's and 4-way crosses, PVC caps etc. Reference drawings for further details.

2. Contractor shall construct a new utility building **as shown on the drawings**:
    a. Prior to construction the contractor must contact 811 for public utility locates. Documentation of this call must be provided to the US Forest Service COR in the form of a contract submittal.

        NOTE: Consultation with the local Tres Piedras Domestic Water Association will be required as they have a distribution waterline through US Forest Service property.

    b. Construct a new utility building located as shown in the drawings. The new building will house a new storage tank, a new booster pump, new chlorinating system and a new hydropneumatic pressure tank. Reference specifications and construction drawings for further details. The tank and system shall conform to NSF/ANSI 61 potability standards, **AWWA D100 & D107, and NMAC 20.7.10 and any/all contract specifications.** The contractor shall consult with State of New Mexico Certified Water Operator to ensure the chlorination system is installed and functioning properly in accordance with all NMED & NMAC regulations. The utility building must also contain a functional electrical system per state and federal building codes. Contractor will be responsible for hiring a certified electrician to perform all electrical work to include:
        i. installing a main distribution panel
        ii. meter base per Kit Carson Electric Cooperative standards

        Note: The new building must match the existing theme of the district compound. Exterior walls shall have a "buckskin" stucco finish, and roof shall be red pro-panel, Submit all colors to COR for final selection and approval. See drawings for finish schedule.

    c. Contractor shall coordinate/hire Kit Carson Electric Cooperative (KCEC) to install a new meter for the new utility building. As this item is pending coordination, for bidding purposes contractor shall install new underground electric from existing overhead transformer behind office to treatment building. For bidding purposes, the contractor shall include the furnishment and installation of an electric meter base mounted on a service pole. See bid schedules for bid

quantities.: The contractor will be responsible for contacting the local Electric Company for further development.

d. Furnish & install a wireless pump control system capable of functioning over a minimum distance of 2 miles through mountainous terrain. This system will serve to control well cycling and shall work in conjunction with the float system noted in item b. See specifications for additional details.
e. Consult the drawings for additional components of the new utility building not covered in this document. Upon completion of new utility building, the contractor must test all components and allow the system to run cycles. The well pump must be set to fill the new storage tank and stop when full.

Bid Option B (Non-sequential order):

1. The Contractor shall Trench & install 2" HDPE waterline, at a minimum bury depth of 4'-00" as shown on the drawings, through the Forest between the exiting well head site and the crossing of US Hwy 64 near the district compound. Included in this work will be the demolition of existing air release valves, & installation of new air release valves, installation of multiple shutoff valves & associated enclosures, HDPE pipe fittings which may include TEE's and 4-way crosses, PVC caps etc. Reference drawings for further details.

   NOTE: New waterlines, fittings and valves must be pressure tested via hydrostatic pressure pump prior to burial and approved by the COR. See specifications for additional details.

IV. Government Furnished Property:

There will be no government furnished property.

V. Start Date:

The Contractor shall schedule to commence work no later than ten (10) days upon issuance of Notice to Proceed (NTP) from the Contracting Officer (CO).

VI. Contract Time:

The Period of Performance (POP) shall be 90 calendar days upon receiving the Notice to Proceed (NTP).

NOTE: The Contractor shall notify the Contracting Officer Representative (COR) of any unforeseen conditions or additional work needed immediately and shall not proceed with any additional work until the COR and the Contractor determine the extent of additional work and/or time needed that may affect the Period of Performance. The Contractor shall provide a cost for the additional work to the COR. The COR shall notify the Contracting Officer (CO) immediately if there is a cost and/or additional time required.