**Cherokee Nation Joe Thornton**

**Shooting Barn/Bus Barn**

**Scope of work:**

Provide quote per SOW and floorplan with notes for 100% complete Pole Barn constructed 60’ X 120’ with 14’ side wall, 3-12 pitch min. PBR-panels shall be 24 gage metal; provide color selection options to owner to choose. Side walls and roof to be insulated with Prodex Total (White 5M Plus). Provide pricing for 10M Plus as an add alternate.

Provide Engineer stamped drawings for the Pole Barn including footings and Slab. Provide Interior buildout of bathrooms and office spaces. Provide sewer line to city sewer approx. 160’ to the north of project. Provide and install 2- 300,000 btu ceiling heaters (natural gas) with thermostats, each switched separately (switches placed in office or just outside of door into shooting barn area. Also provide and install new gas line to project, nearest gas is approximately 700’ away coordinate with gas company. (See attached map for approx. Location and attached floorplan of the building, not to scale). Owner will provide southwest corner location of building.

Remove topsoil 15’ beyond building footprint and provide level pad, scarify 8 inches deep and recompact to 95% Standard Proctor Density. Adjust moister as needed. Import structural fill as needed to place the southwest corner top of slab (approx. elevation @ 771 ft.) one foot above undisturbed earth just west of SW corner.

Slab on grade shall be 3500 psi concrete 6” thick (smooth finish) having a 6” slump, #4 rebar 2’ on center each way with 6” ODOT Type A agg base beneath it compacted to 95%. Agg base shall be covered with at least 15 mil vapor barrier. Provide Termite Pretreat. Provide add alternate pricing for 6’ apron on ends that extend to the outside edge of front and back aprons with 15’ aprons on front and back of building with same specs above with 3-5% air and without vapor barrier. Exterior concrete shall have a broom finish. Expansion joints and saw cuts for both Interior and Exterior concrete shall be per industry standards. Interior slab shall be finished smooth and sealed.

All interior doors shall be metal doors and jambs 3'-6" by 6'-8".

All exterior doors shall be metal doors and jambs, (4) - man doors 3'-6" by 6'-8".

All overhead doors shall be, (6) - 12' by 12' insulated (the front west two doors and the back west two doors to line up). Doors shall have electric lifts installed with power provided.

All wood that is in contact with ground or slab shall be Treated lumber.

All wood shall be Douglas Fir #2 or better.

Provide and install 3'-0 by 4'-0 window on the interior wall of office (location provided by owner).

Office/Bathrooms wall height shall be 8 feet with 2x12 ceiling joist, decked with 3/4" tongue and grove fir plywood for storage.

Include wooden stairs to top of deck and wooden handrail up the stairs and around the top. Interior ceilings and walls

shall be insulated with R 19, use moisture and mold resistant Fire rated drywall, smooth finish, primed and painted.

Paint shall be Sherwin Williams Pro Mar 200 Eggshell (color picked by owner).

Exterior of Office/bathrooms shall be 3/4" plywood, primed and painted as above.

Provide 200-amp panel with breakers. Service to the building shall be underground, (contractor shall coordinate with utility company for power and meter)

Both bathrooms to have one ADA stool and sink with tankless hot water, also include one 75 cfm exhaust fans in each.

HVAC shall be a mini split sized for office and bathrooms. (Can be one for office and one for bathrooms).

All wiring shall be to code. Lighting shall be LED. Office, 2- 2' by 4' drop in or surface mounted lights.

Bathrooms, 1-2' by 4' drop in or surface mounted lights in each.

Provide and install 18 surface mounted LED lights with emergency lighting (min three) as required in bay area (referenced above).

Each row shall be on its own switch times 4, (referenced above).

Provide lighted Exit signs with emergency lighting at each exit.

Under shooting shed scarify and grade as needed and compacting Agg base to 95%. Place 4’’ of 3500 psi concrete with 3-5% air, having a 6” slump, #4 rebar 2’ on center each way. Extend concrete 4’ outside of poles, having rebar as stated above adding agg base under concrete as needed and compacted to 95% Standard Proctor Density, allowing the 4’ apron to have a 1% fall towards the outside. Top of slab shall be 95 inches below bottom of header. Provide a light broom finish. Provide expansion joints and saw cuts per industry standards.

Alt. 1. Provide alternate pricing for 24’ wide drive with the east edge of drive adjoining the apron to the Bus/Shooting Barn, going south to the elevated shooting platform. Place 6” ODOT Type A agg base compacted to 95% standard proctor density, 6” of concrete having 3-5% air with #3 rebar 2’ on center each way. Scarify and recompact subgrade to 95% standard proctor density 95% standard proctor density. See sketch for approximate location, field verify footages.

Alt. 2. Provide alternate pricing to pave within dotted line area on sketch with same specs as alt. 1 and provide separate pricing with Asphalt paving for dotted area.