

**Bid No.020119**  
**POULTRY BARN PROJECT AT MSHS**

**Specifications**

● **Plan View**

- T-Adapters (hose faucet) into each flock's coop. Comes up at 90 degrees.  
2'-0" A.F.F. Vac Breaker Hose Bibs typ6 locations
- coops measure about 90' in length (if 2x4" plates are included on each side)
- tack room
  - 10' x 10'
  - full concrete pad – 3.5" w/mesh 10ga
- Layers/Broilers
  - 24' x 20'
  - nipple systems hooked up to T-adapter from within each coop. 3/4" water line. 3/4" x 1/2" x 1/2" Tee Typ 3 locations
- Turkeys
  - 32' x 20'
  - Roll up door
  - Bell Drinkers hooked up to T-adapter

● **East Elevation**

- Electrical line for ceiling lights
- electrical panel 100 amp. 20 amp breakers. NEMA 3T
  - 1. lighting
  - 2. outlets
  - 3-5. Exhaust fans
  - panel 4'-0" A.F.F.
- wood framing between roofing and wiring for screening to attach to
- Roof overhang 1-2 ft.
- Pitch 3/12
- Coops
  - 4ft mesh wiring, screening, ventilation shade cloth curtain
    - U-anchors to latch down ventilation curtain
  - Solid wood panels (plywood) Marine Grade plywood typ all locations 3' high from ground up
  - Turkey coop - 120v outlet w/weatherproof single outlet cover. Receptacle protector typ2.
  - Add 1 Electrical plug per pen

- Tack Room
  - Solid wall 12ft. in from barn's back wall
  - wench to roll-up/crank curtain
- **Side Elevations**
  - slight overhang off roof
  - metal roof
  - fiberglass batt insu. 3 ½" R-15 Attached to joists. 22ga wire mesh attached to joists to secure insulation
  - 12'9" from ground to top of roof
- **Foundation**
  - 6" x 6" foundation
  - Dirt/ground flooring in coops
  - Concrete flooring underneath reinforced wire mesh in tack room
  - Perforated drainage pipe
  - 2% slope away from barn
  - Foundation is above grade
- **West Elevation View**
  - Fans installed 5ft up and     ft from roof. Locate line voltage stat by light switch
  - approx. 2 ft of overhang on all sides of barn
  - Roof type - 26 gauge hi/lo rib
  - Steel roll-up door
  - 5ft. wide - steel roll-up door
  - 3'-0" x 7'-0" solid core doors (wood) typ3
  - approx. 7ft from ground to start of roof
  - 4 x 4 framing
- Standard Wood frame construction. Walls, Exterior & Interior, 2" x 4" @ 16" O.C.
  - Roof is 26 Gauge Hi/Lo rib style
  - solid walls are 26 gauge w/baked on finish
  - Pitch is 3/12
  - Height of roof is right at 12'9"

- Fan Spec (3 fans needed)-SEE ATTACHED
  - VKWO36-B Versa-Kool Oscillating Wall-Schaefer Fan, (or equal)
- Sink Spec-SEE ATTACHED
  - Bealeton Series-PFSR252274 Sink, (or equal)
- Faucet Spec-SEE ATTACHED
  - Chicago Faucet 2-hole hot/cold water sink faucet with double wrist blade handle and spout height in polished chrome#c1100gn8ae35317ab (or equal)