

## Sample Electrical Farm Project Description

Attach description and plans to "Request For Electrical Inspection".

Farm Rewire Project for:

Bill Burghouse,  
Burghouse Dairy  
N 8765 Lake Road  
Brillion WI 54110

1. Provide and install a new 35-foot Center Yard Pole, with 400-ampere, pole-top disconnect/transfer switch and 100-ampere meter socket with riser. Reconnect to existing circuits. Provide and install two 8-foot driven ground rods.
2. Provide and install a new 100-ampere service from the CYP to the new calf barn. Overhead drop to be 1/0, Quad-Plex with full sized messenger wire. Provide and install a new 100-ampere, 12-circuit, main breaker panelboard with a 3R enclosure on the south outside wall of the barn. Provide and install two 8-foot driven ground rods.
3. Provide and install 3 new 240-volt, 75-watt metal halide fixtures in the barn. Fixtures are suitable for damp location rated and will be hook, cord, and plug connected.
4. Provide and install wiring for 6 new 240-volt, 1-HP fans. The owner will install fans. The disconnect for each fan is a cord and plug connection. Two 240-volt thermostats will control fans. Provide and install a 240-volt HP rated disconnect for each thermostat.
5. Provide and install two, 125-volt GFCI receptacle outlets. Receptacles will be provided with damp location boxes and covers.
6. Provide and install two, 3-way light switches. Switches will be provided with damp locations boxes and covers.
7. Provide and install two 20-ampere branch circuits to new cattle waterers. All connections in waterer to be protected from corrosion.
8. All of the interior wiring in the barn to be PVC conduit, copper conductors, and boxes and enclosures rated for damp locations.

### Site Plan of Berghouse Farm

