

ADDENDUM #1 - #VRNTL-15-B-06
Village of Rantoul
November 13, 2014

Please note that there is no change in the Bid Opening of November 21, 2014 at 2:00pm

Please acknowledge the receipt of this addendum by signing and returning the Addenda page included in the original bid package. *Failure to acknowledge any Addendum shall be considered sufficient cause for rejection of your bid.*

The Village of Rantoul is seeking optional cable pricing in the Material Specifications #VRNTL-15-B-06 Part #2 for up to 10,000' of 750mcm copper underground primary jacked cable as follows:

Compliance to Okoguard URO-J Product Data Section 2: Sheet 42 for 15kv Underground Primary Distribution Cable-Jacketed

Red Identification Stripes

Filled strand copper conductor/105 degree C Rating

220 mils

133% Insulation Levels

EPR Cable with 1/3concentric neutral

- Central Conductor: Un-coated soft Copper. Compact round conductors per ASTM B-496. Class B stranded (37 Strands)
- Filled Strand: Water swellable powder meets or exceeds ICEA T-31-610 water penetration resistance and ANSI/NEMA class A connectorability requirements.
- Conductor Screen shall be an extruded semiconducting ethylene-propylene rubber meeting or exceeding the requirements of ICEA S-94-649 and AEIC CS8.
- Insulation shall be an extruded Ethylene Propylene Rubber (EPR) meeting or exceeding the requirements of ICEA S-94-649 and AEIC CS8. The EPR shall NOT contain any polyethylene in the compound formula.
- Insulation Screen shall be an extruded semiconducting ethylene-propylene rubber meeting or exceeding the requirements of ICEA S-94-649 and AEIC CS8-07.
- Cables with Compact Round Copper Conductor shall have an extruded semiconducting ethylene-propylene rubber insulation screens that meet the requirements of ICEA S-93-639/NEMA WC74 & S-97-682, AEIC CS8 and UL 1072.
- Concentric Conductor: Bare copper wires.
- Jacket: Black Okolene with red extruded stripes meets or exceeds the requirements of ICEA S-94-649 for polyethylene jackets.

- The conductor screen, insulation and insulation shield shall be applied via triple a tandem extrusion process to avoid any voids and contaminants.
- The EPR insulation must be formulated and compounded in house by the cable manufacturer. The EPR insulation must have a proven field experience record of over thirty (30) years.
- Cable shall be manufactured in the USA.

- The manufacturer shall provide a written 40 year WARRANTY.