

BILL OF QUANTITIES FOR UNDER GROUND EARTHING AND ELECTRODES**Substation: 400/220kV Switchyard Extension for Bellary phase-III**

S. No	Description	Unit	Quantity	Rate	Amount
1	Unloading, storing and laying of 40mm dia MS Rods at a depth of 600mm measured from the top of FGL for bringing out risers just below gravel level near the equipment foundations as per requirement including followings works: (1) Excavation of trenches. (2) laying of MS rod. (3) welding of rods (refer Drg. no. TB-4-333-509-004-Sheet 21 & 22 for welding details of rods) (4) backfilling of soil for bringing out pig tails risers of 40 dia MS rod for equipments. Risers shall be raised from the earthmat (at 600mm depth) to 150mm above FGL to the nearest point of the equipment. this shall include all cutting, bending, welding, fixing, application of zinc rich paint on cutting surface, etc to the main earth mat. (5) any other work necessary to complete the laying of earthmat.(40 Diameter MS rod will be supplied by BHEL .)	MT	12		
Total Amount (Rs.)					