

Name of Project - 400/132/33 kV s/s at Nabinagar (STPP)

S. No	Description	Unit	Quantity			Rate	
			Nabinagar STPP	Nabinagar TPP	Total	Unit Rate(Rs.)	Amount(Rs.)
1	Unloading, storing and laying of 40 mm dia MS Rods at a depth of 600 mm measured from the top of FGL (either top of gravel or top of land as the case may be) for bringing out risers just below ground level near the equipment foundations as per requirement including following works: - excavation of trenches - laying of MS rod - welding of rods - backfilling of soil for bringing out pig tail risers of 40 dia MS rod for equipments. - any other work necessary to complete the laying of earthmat For welding of rods & riser details refer enclosed NTPC drg. (40 mm Diameter MS rod will be supplied by BHEL)	MT	553	9	562		
2	Fabrication & laying of Auxiliary Mat of 40 mm Dia MS Rods at a depth of 300 mm from top of FGL including excavation & backfilling as per Drg No. 'TB-XXX-316-AUX_MAT' & connection with existing main earthmat - any other work necessary to complete the laying of earthmat (40 mm Diameter MS rod will be supplied by BHEL)	Nos.	561	48	609		
3	Installing of 40/100 mm dia GS pipe Electrode (length - 3.0 Mtr) as per dr. no. TB-342-316-PIPE ELECTRODE with test links and treated earth pit with CI frame and hinged cover alongwith all associated civil works i.e - excavation - installing the pipe electrode with alternate layers of Coke & charcoal, salt - backfilling and compaction - Casting the Test Pit with Cast Iron covers - any other work necessary to complete the work (Only GI Pipe, Nuts, Bolts & Washers, test links will be supplied by BHEL. Other items like CI frame, CI cover, charcoal, salt etc shall be supplied by contractor)	Nos.	14	0	14		
4	Installing of 40 mm diameter Rod Electrode with test pit/link as per Drg. No. TB-XXX-316-ROD_ELECTRODE including following works : - excavation - installing the rod electrode - backfilling and compaction - Casting the Test Pit with Cast Iron covers - any other work necessary to complete the work (only 40 mm Diameter MS rod & test link shall be supplied by be supplied by BHEL, other items like CI frame, cover etc. are in bidder's scope)	Nos.	68	2	70		
5	Installing of 40 mm diameter Rod Electrode without test pit/link including following works: - excavation/hammering of rod in earth - installing the rod electrode - backfilling and compaction - any other work necessary to complete the work (40 mm Diameter MS rod will be supplied by BHEL)	Nos.	132	12	144		
Total							

Note- The soil investigation reports are not available, therefore the above quantities sl. no. 1 to 5 may vary by any extent at contract stage