

**Name of the Work – Complete repairing and rewinding with testing from NABL accredited Lab of 01 no. Transformer 630 KVA, 6.6 KV / 440V & 01 no. Transformer 63 KVA, 6.6 KV/415V of Township under Rajrappa Area. “Complete re-insulation and HT / LT stud bush replacement of 01 Nos of 315 KVA ,6.6 KV/440 V Transformer Sl.No-1189/04-05 and Online oil filtration ,replacement of damaged component , testing of insulating oil and other testing through NABL of 04 Nos of 630 KVA ,6.6 KV/440 V Transformer and 01 Nos of 750 KVA /440 V Transformer under Township " of Rajrappa Area"..**

ITC not Available

Sl .No	Description	Quantity	Units	Rate
1	<b>630 KVA, 6.6 KV / 440 Volt</b>			
2	Cost of Copper wire/Strip for Primary & Secondary Coil, Size - 9Swg	390	Kg	
3	Insulation cost @ 15% of Sl. No. 1	1	job	
4	Labour cost @ 15% of Sl. No. 1	1	job	
5	Cost of LT Side Bushing Insulator with Studs for 630 KVA Transformer	2	Nos.	
6	Cost of Gasket/Corksheet for Conservator, Radiator, Top Cover and Inspection Cover	1	job	
7	Cost of Complete dismantling and re-assembling after repair with Painting of transformer	1	job	
8	Cost of Insulation Resistance(IR) test, Polarization index(PI) test High pottest & Disolved gas analysis test through NABL	1	job	
9	Contractor Profit	1	job	
10	<b>Less SCRAP</b>	1.00	no	
11	<b>63 KVA, 6.6 KV / 440 Volt</b>			
12	Cost of Copper wire/Strip for Primary & Secondary Coil, Size - 9Swg	50	kg	
13	Insulation cost @ 15% of Sl. No. 1	1.00	Nos.	
14	Labour cost @ 15% of Sl. No. 1	1.00	Nos.	
15	Cost of LT Side Bushing Insulator with Studs for 630 KVA Transformer	2	Nos.	
16	Cost of Gasket/Corksheet for Conservator, Radiator, Top Cover and Inspection Cover	1	job	
17	Cost of Complete dismantling and re-assembling after repair with Painting of transformer	1	job	

18	Cost of Insulation Resistance(IR) test, Polarization index(PI) test High pottest & Disolved gas analysis test through NABL	1	job	
19	Contractor Profit	1	job	
20	Less SCRAP	1.00	no	
21	<b>Complete re-insulation of TRANSFORMER with old copper wire ,315KVA, 6.6KV/440 V ,Sl.No-1189/04-05 -01 Nos</b>			
22	Cost of Copper wire 17SWG for primary and secondary winding	252	Kg	
23	Insulating material @15% of sl 1	1	Job	
24	Labour cost @15% of sl 1	1	Job	
25	Cost of Replacement of HT bushing with Stud	2	nos	
26	Cost of Replacement of LT bushing with Stud	3	nos	
27	Cost of CRGO Laminated Core	60	kg	
28	Cost of corksheets 3'x2'x6 mm	4	nos	
29	Cost of Repairing Tap Changer	1	job	
30	Cost of dismantling and reassembling of transformer	1	job	
31	Insulation Resistance (IR) test , polarization index (PI) test ,Highpot test ,Disolved gas analysis test through NABL t	1	job	
32	Less SCRAP	1.00	no	
33	Contractor Profit	1	nos	
34	Onsite oil filtration ,replacement of damaged component , testing of insulating oil and other testing through NABL of 04 Nos of 630 KVA ,6.6 KV/440 V Transformer and 01 Nos of 750 KVA ,630 KVA/440 V Transformer			
35	Cost of corksheets 3'x2'x6 mm	5	Nos	
36	Cost of replacement of LT palm Connector for 750 KVA Transformer	2	nos	
37	Cost of replacement of LT bushing with stud for 750 KVA Transformer	3	Nos	
38	Cost of corksheets 3'x2'x6 mm	5	Nos	
39	Cost of replacement of LT palm Connector for 750 KVA Transformer	2	nos	

40	Cost of replacement of LT bushing with stud for 750 KVA Transformer	3	Nos	
41	Cost of repairing and checking of Oil Temperature indicator and winding Temperature Indicator	5	set	
42	Online filtration of transformer oil	3780	litre	
43	Cost of Repairing of Tap Changer	1	Job	
44	Insulation Resistance (IR) test , polarization index (PI) test ,Highpot test ,Disolved gas analysis test through NABL	4	Job	
45	Color and appearance test of transformer oil through NABL	5	Nos	
46	Dielectric Breakdown Voltage (BDV) test of transformer oil through NABL	5	Nos	
47	Contractors profit	1	No	
47	Total impact of gst	1	no	
48	Total	1	no	