

16 KVA 11/ 0.433 KV DIST. TRANSFORMER CENTRE ON - 8 MTR PSC - SINGLE POLE						Sheet 1
2022-23						
SR	ITEM CODE	PARTICULARS	UNIT	QTY	UNIT	AMOUNT
1	2611000003	PSC POLE ( 8 MTR 200 KG )	NO	1	2010.00	2010.00
2	2609000076	SINGLE POLE MOUNTING X'MER STRUCTURE WITH 11 KV D.O. FUSE ARRANGEMENT	SET	1	4598.00	4598.00
		(a) M.S. Angle 65x65x6mm - 1200mm - 7 Nos.				
		(b) M.S. Angle 65x65x6mm - 480mm - 2 Nos.				
		(c) M.S. Angle 65x65x6mm - 330mm - 2 Nos.				
		(d) M.S. Angle 65x65x6mm - 230mm - 8 Nos.				
3	1305000001	11 KV D.O. FUSES(Polymeric)	NO	3	1042.00	3126.00
4	2201000004	11KV DIST. TYPE LIGHTENING ARRESTOR(Polymeric)	NO	3	457.00	1371.00
5		GUY SET WITH PREFORMED FITTING.	NO	1	1171.00	1171.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
6	2699000006	CAUTION & DANGER BOARD.	NO	1	39.00	39.00
7		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE )	NO	3	512.00	1536.00
		Material required for 1 No - coil type earthing				
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
8		ANTI CLAIMING DEVICES.	NO	1	95.00	95.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. antilimbing device	NO	1	95.00	95.00
9	2104000002	L.T. DIST. BOX - 16 KVA	NO	0		0.00
10	0401000035	PVC INSULATED & SHEATHED 16 MM <sup>2</sup> 4 CORE CABLE FOR INCOMING SIDE.	MTR	5	97.00	485.00
11		-DO- BUT 16 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	97.00	1455.00
12		X'MER 16 KVA 11 / 0.433 KV	NO	1	39900.00	39900.00
13		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00

						Sheet 1
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
14		<b>SUNDRY MATERIALS SUCH AS PG</b>				<b>550.65</b>
		<b>CLAMPS, ZYKON BOLTS-6 NOS &amp; NUTS ETC.</b>				
	1501000024	(a) M.S. Bolts & Nuts 65x16mm	KG	6.00	60.00	360.00
	1501000031	(b) M.S. Bolts & Nuts 180x16mm	KG	1.42	71.00	101.10
	1302000004	(c) Fuse element - 3 Amp	NO	3	16.00	48.00
	1301000015	(d) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	0415000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	0416000005	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0415000020	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2601000049	(i) Side Clamp	NO	0	0.00	0.00
						550.65
15		<b>COST OF MATERIALS</b>				<b>58359.65</b>
16		<b>ADD: 3% CONTINGENCIES</b>				1750.79
17		<b>ADD: 2% STORAGE CHARGES</b>				1167.19
18		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				1167.19
19		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				8753.95
20		<b>A</b>				<b>71198.78</b>
21		<b>LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,HG FUSES, DIST.BOX ETC. EXCLUDING GUY AND EARTHING</b>	NO	1	3350.00	3350.00
22		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
23		<b>ERECTION OF GUY SET COMPLETE</b>	NO	1	414.00	414.00
24		<b>CARTING OF POLE AT WORK SITE</b>	NO	1	357.00	357.00
25		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
26		<b>CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 450X450X75 mm</b>	NO	1	120.00	120.00
27		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			---LS---	537.00
28		<b>LABOUR CHARGES</b>				<b>7409.00</b>
29		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				1111.35
30						
31		<b>B</b>				<b>8520.35</b>
32		<b>A+B</b>				<b>79719.13</b>
33		<b>TOTAL ESTIMATE</b>			Say Rs.	<b>79719</b>

10 KVA 11/ 0.433 KV DIST. TRANSFORMER CENTRE ON - 8 MTR PSC - SINGLE POLE							Sheet 2
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)	
1	261100003	PSC POLE ( 8 MTR 200 KG )	NO	1	2010.00	2010.00	
2	2609000076	SINGLE POLE MOUNTING X'MER STRUCTURE WITH 11 KV D.O. FUSE ARRANGEMENT	SET	1	4598.00	4598.00	
		(a) M.S. Angle 65x65x6mm - 1200mm - 7 Nos.					
		(b) M.S. Angle 65x65x6mm - 480mm - 2 Nos.					
		(c) M.S. Angle 65x65x6mm - 330mm - 2 Nos.					
		(d) M.S. Angle 65x65x6mm - 230mm - 8 Nos.					
3	130500001	11 KV D.O. FUSES(Polymeric)	NO	3	1042.00	3126.00	
4	220100004	11KV DIST. TYPE LIGHTENING ARRESTOR(Polymeric)	NO	3	457.00	1371.00	
5		GUY SET WITH PREFORMED FITTING.	NO	1	1171.00	1171.00	
		Material required for 1 No. Guy set					
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00	
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00	
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00	
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00	
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00	
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00	
						1171.00	
6	2699000006	CAUTION & DANGER BOARD.	NO	1	39.00	39.00	
7		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE )	NO	3	512.00	1536.00	
		Material required for 1 No - pipe type earthing					
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00	
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00	
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00	
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00	
						512.00	
8		ANTI CLAIMING DEVICES.	NO	1	95.00	95.00	
	0103000070	Barbed wire - 1.591 Kg for 1 No. antilimbing device	NO	1	95.00	95.00	
9	2104000002	L.T. DIST. BOX - 10 KVA	NO	0		0.00	
10	0401000035	PVC INSULATED & SHEATHED 10 MM <sup>2</sup> 4 CORE CABLE FOR INCOMING SIDE.	MTR	5	68.00	340.00	
11		-DO- BUT 10 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	68.00	1020.00	
12		X'MER 10 KVA 11 / 0.433 KV	NO	1	39900.00	39900.00	
13		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00	
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00	
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00	
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00	
						2023.00	

						Sheet 2
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
14		SUNDRY MATERIALS SUCH AS PG				550.37
		CLAMPS,ZYKON BOLTS-6 NOS & NUTS ETC.				
	1501000024	(a) M.S. Bolts & Nuts 65x16mm	KG	6.00	60.00	360.00
	1501000031	(b) M.S. Bolts & Nuts 180x16mm	KG	1.42	71.00	100.82
	1302000004	(c) Fuse element - 3 Amp	NO	3	16.00	48.00
	1301000015	(d) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	0415000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	0416000005	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0415000020	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2601000049	(i) Side Clamp	NO	0	0.00	0.00
						550.37
15		<b>COST OF MATERIALS</b>				<b>57779.37</b>
16		ADD: 3% CONTINGENCIES				1733.38
17		ADD: 2% STORAGE CHARGES				1155.59
18		ADD: 2% TRANSPORTATION & MISC.				1155.59
19		ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS				8666.91
20		<b>A</b>				<b>70490.83</b>
21		LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,HG FUSES, DIST.BOX ETC. EXCLUDING GUY AND EARTHING	NO	1	3350.00	3350.00
22		ERECTION OF EARTHING COIL PIPE TYPE WITH SALT & COAL	NO	3	577.00	1731.00
23		ERECTION OF GUY SET COMPLETE	NO	1	414.00	414.00
24		CARTING OF POLE AT WORK SITE	NO	1	357.00	357.00
25		CARTING OF LINE MATERIALS TO SITE			---LS---	900.00
26		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 450X450X75 mm	NO	1	120.00	120.00
27		INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C			---LS---	537.00
28		<b>LABOUR CHARGES</b>				<b>7409.00</b>
29		ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES				1111.35
30						
31		<b>B</b>				<b>8520.35</b>
32		<b>A+B</b>				<b>79011.18</b>
33		<b>TOTAL ESTIMATE</b>			Say Rs.	<b>79011</b>

5 KVA 11 / 0.250 KV DIST. TRANSFORMER CENTRE ON - 8 MTR PSC - SINGLE POLE						Sheet 3
COST DATA for 5KVA CAPACITY 11 KV/0.433 KV TRANSFORMER CENTRE USING SINGLE POLE STRUCTURE						
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	261100003	PSC POLE ( 8 MTR 200 KG )	NO	1	2010.00	2010.00
2	260900076	SINGLE POLE MOUNTING X'MER STRUCTURE WITH 11 KV D.O. FUSE ARRANGEMENT	SET	1	4598.00	4598.00
		(a) M.S. Angle 65x65x6mm - 1200mm - 7 Nos.				
		(b) M.S. Angle 65x65x6mm - 480mm - 2 Nos.				
		(c) M.S. Angle 65x65x6mm - 330mm - 2 Nos.				
		(d) M.S. Angle 65x65x6mm - 230mm - 8 Nos.				
3	130500001	11 KV D.O. FUSES(Polymeric)	NO	2	1042.00	2084.00
4	220100004	11KV DIST. TYPE LIGHTENING ARRESTOR(Polymeric)	NO	2	457.00	914.00
5		GUY SET WITH PREFORMED FITTING.	NO	1	1171.00	1171.00
		Material required for 1 No. Guy set				
	261400002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	261400009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	261400012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	010300012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	200300001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	260100069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
6	269900006	CAUTION & DANGER BOARD.	NO	1	39.00	39.00
7		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE )	NO	3	512.00	1536.00
		Material required for 1 No - pipe type earthing				
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	280100015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	010300002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	090100028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
8		ANTI CLAIMING DEVICES.	NO	1	95.00	95.00
	010300070	Barbed wire - 1.591 Kg for 1 No. antilimbing device	NO	1	95.00	95.00
9	210400002	L.T. DIST. BOX - 5 KVA	NO	0		0.00
10	040100035	PVC INSULATED & SHEATHED 4 MM <sup>2</sup> 2 CORE CABLE FOR INCOMING SIDE.	MTR	5	7.00	35.00
		2 C x 4mm <sup>2</sup> LT PVC Cable	MTR	5	7.00	35.00
11		-DO- BUT 4MM <sup>2</sup> OUT GOING SIDE.	MTR	15	7.00	105.00
		2 C x 4mm <sup>2</sup> LT PVC Cable	MTR	15	7.00	105.00
12		X'MER 5 KVA 11 / 0.250 KV	NO	1	40800.00	40800.00
13		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	160100073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	160700005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	260100061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00

						<b>Sheet 3</b>
<b>SR NO</b>	<b>ITEM CODE NO.</b>	<b>PARTICULARS</b>	<b>UNIT</b>	<b>QTY</b>	<b>UNIT RATE Rs.</b>	<b>AMOUNT (Rs.)</b>
<b>14</b>		<b>SUNDRY MATERIALS SUCH AS PG CLAMPS,ZYKON BOLTS-6 NOS &amp; NUTS ETC.</b>				<b>550.65</b>
	1501000024	(a) M.S. Bolts & Nuts 65x16mm	KG	6.00	60.00	360.00
	1501000031	(b) M.S. Bolts & Nuts 180x16mm	KG	1.42	71.00	101.10
	1302000004	(c) Fuse element- 3 Amp	NO	3	16.00	48.00
	1301000015	(d) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	0415000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	0416000005	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0415000020	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2601000049	(i) Side Clamp	NO	0	0.00	0.00
						550.65
<b>15</b>		<b>COST OF MATERIALS</b>				<b>55960.65</b>
<b>16</b>		<b>ADD: 3% CONTINGENCIES</b>				1678.82
<b>17</b>		<b>ADD: 2% STORAGE CHARGES</b>				1119.21
<b>18</b>		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				1119.21
<b>19</b>		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				8394.10
<b>20</b>		<b>A</b>				<b>68272.00</b>
<b>21</b>		<b>LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,HG FUSES, DIST.BOX ETC. EXCLUDING GUY AND EARTHING</b>	NO	1	3350.00	3350.00
<b>22</b>		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
<b>23</b>		<b>ERECTION OF GUY SET COMPLETE</b>	NO	1	414.00	414.00
<b>24</b>		<b>CARTING OF POLE AT WORK SITE</b>	NO	1	357.00	357.00
<b>25</b>		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
<b>26</b>		<b>CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 450X450X75 mm</b>	NO	1	120.00	120.00
<b>27</b>		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			---LS---	537.00
<b>28</b>		<b>LABOUR CHARGES</b>				<b>7409.00</b>
<b>29</b>		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				1111.35
<b>30</b>						
<b>31</b>		<b>B</b>				<b>8520.35</b>
<b>32</b>		<b>A+B</b>				<b>76792.35</b>
<b>33</b>		<b>TOTAL ESTIMATE</b>			Say Rs.	<b>76792</b>

16 KVA 11/0.433 KV DIST. TRANSFORMER CENTRE ON - 8 MTR PSC - D.P.						Sheet 4
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	261100003	PSC POLE ( 8 MTR 200 KG )	NO	2	2010.00	4020.00
2		STEEL STRUCTURE FOR TERMINATING LINES MOUNTING OF TRANS./FIXING OF 11KV FUSES .	L.S			9657.00
	3611000017	(a) M.S.Angle Fab. for Trns. Base/Top on DP - 65x65x6 mm - 2700 mm	NO	4	1029.00	4116.00
	3611000029	(b) M.S.Angle Fab. for Trns. Belting(Bracing) - 50x50x6 mm - 2700 mm	NO	2	799.00	1598.00
	3611000038	(c) M.S.Angle Fab. for 11 KV A.B.Switch - 65x65x6 mm - 2700 mm	NO	0	1029.00	0.00
	3611000038	(d) M.S.Angle Fab. for 11 KV HG Fuse - 65x65x6 mm - 2700 mm	NO	2	1029.00	2058.00
	3611000037	(e) M.S.Angle Fab. for Bracing of HG Fuses - 65x65x6 mm - 750 mm	NO	4	377.00	1508.00
	2609000008	(f) M.S.Angle Fab. for Distribution box - 65x65x6 mm - 1000 mm	NO	1	377.00	377.00
						9657.00
3	130500001	11 KV.D.O. FUSES.(Polymeric)	NO	3	1042.00	3126.00
4	220100004	11KV DIST.TYPE LIGHTENING ARRESTOR(Polymeric)	NO	3	457.00	1371.00
5		GUY SET WITH PREFORMED FITTING. Material required for 1 No. Guy set	NO	4	1171.00	4684.00
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
6	2699000006	CAUTION & DANGER BOARD.	NO	2	39.00	78.00
7		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE ) Material required for 1 No earthing	NO	3	512.00	1536.00
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
8		ANTI CLAIMBING DEVICES.	NO	2	95.00	190.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO	2	95.00	190.00
9	2104000002	L.T. DIST. BOX FOR 16 KVA X-MER	NO	0		0.00
10	0401000035	PVC INSULATED & SHEATHED 16 MM <sup>2</sup> 4 CORE CABLE FOR INCOMING SIDE.	MTR	5	97.00	485.00
11	0401000035	-DO- BUT 16 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	97.00	1455.00
12		X'MER 16 KVA 11 / 0.433 KV	NO	1	39900.00	39900.00
13		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00

						Sheet 4
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
14		<b>SUNDRY MATERIALS SUCH AS PG CLAMPS, BOLTS &amp; NUTS ETC.</b>				<b>1647.70</b>
	1501000024	(a) M.S.Bolts & Nuts 65x16mm	KG	4.00	60.00	240.00
	1501000031	(b) M.S.Bolts & Nuts 180x16mm	KG	3.56	71.00	252.76
	1501000038	(c) M.S.Bolts & Nuts 300x16mm	KG	3.09	71.00	219.39
	2601000027/ 0028	(d) P.G. Clamp for Weasel or Rabbit	No	6	95.00	570.00
	1302000004	(c) Fuse element- 3 Amp	NO	3	16.00	48.00
	1301000015	(d) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	0415000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	0415000020	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0416000005	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2613000002	(i) Three hole patties	NO	6	46.00	276.00
	2601000049	(j) Side Clamp	NO	12	0.00	0.00
						1647.70
15		<b>COST OF MATERIALS</b>				<b>70172.70</b>
16		<b>ADD: 3% CONTINGENCIES</b>				2105.18
17		<b>ADD: 2% STORAGE CHARGES</b>				1403.45
18		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				1403.45
19		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				10525.91
20		<b>A</b>				<b>85610.69</b>
21		<b>LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,HG FUSES, DIST.BOX ETC. EXCLUDING GUY AND EARTHING</b>	NO	1	6701.00	6701.00
22		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
23		<b>ERECTION OF GUY SET COMPLETE</b>	NO	4	414.00	1656.00
24		<b>CARTING OF POLE AT WORK SITE</b>	NO	2	357.00	714.00
25		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
26		<b>CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 450X450X75 mm</b>	NO	4	120.00	480.00
27		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			---LS---	537.00
28		<b>LABOUR CHARGES</b>				<b>12719.00</b>
29		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				1907.85
30						
31		<b>B</b>				<b>14626.85</b>
32		<b>A+B</b>				<b>100237.54</b>
33		<b>TOTAL ESTIMATE</b>			<b>Say Rs.</b>	<b>100238</b>



10 KVA 11/0.433 KV DIST. TRANSFORMER CENTRE ON - 8 MTR PSC - D.P.						Sheet 5
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	261100003	PSC POLE ( 8 MTR 200 KG )	NO	2	2010.00	4020.00
2		STEEL STRUCTURE FOR TERMINATING LINES MOUNTING OF TRANS./FIXING OF 11KV FUSES .	L.S			9657.00
	3611000017	(a) M.S.Angle Fab. for Trns. Base/Top on DP - 65x65x6 mm - 2700 mm	NO	4	1029.00	4116.00
	3611000029	(b) M.S.Angle Fab. for Trns. Belting(Bracing) - 50x50x6 mm - 2700 mm	NO	2	799.00	1598.00
	3611000038	(c) M.S.Angle Fab. for 11 KV A.B.Switch - 65x65x6 mm - 2700 mm	NO	0	1029.00	0.00
	3611000038	(d) M.S.Angle Fab. for 11 KV HG Fuse - 65x65x6 mm - 2700 mm	NO	2	1029.00	2058.00
	3611000037	(e) M.S.Angle Fab. for Bracing of HG Fuses - 65x65x6 mm - 750 mm	NO	4	377.00	1508.00
	2609000008	(f) M.S.Angle Fab. for Distribution box - 65x65x6 mm - 1000 mm	NO	1	377.00	377.00
						9657.00
3	130500001	11 KV.D.O. FUSES.(Polymeric)	NO	3	1042.00	3126.00
4	220100004	11KV DIST.TYPE LIGHTENING ARRESTOR(Polymeric)	NO	3	457.00	1371.00
5		GUY SET WITH PREFORMED FITTING. Material required for 1 No. Guy set	NO	4	1171.00	4684.00
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
6	2699000006	CAUTION & DANGER BOARD.	NO	2	39.00	78.00
7		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE ) Material required for 1 No earthing	NO	3	512.00	1536.00
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
8		ANTI CLAIMBING DEVICES.	NO	2	95.00	190.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO	2	95.00	190.00
9	2104000002	L.T. DIST. BOX FOR 10 KVA X-MER	NO	0		0.00
10	0401000035	PVC INSULATED & SHEATHED 10 MM <sup>2</sup> 4 CORE CABLE FOR INCOMING SIDE.	MTR	5	68.00	340.00
11	0401000035	-DO- BUT 10 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	68.00	1020.00
12		X'MER 10 KVA 11 / 0.433 KV	NO	1	39900.00	39900.00
13		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00

						Sheet 5
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
14		<b>SUNDRY MATERIALS SUCH AS PG CLAMPS, BOLTS &amp; NUTS ETC.</b>				<b>1647.70</b>
	1501000024	(a) M.S.Bolts & Nuts 65x16mm	KG	4.00	60.00	240.00
	1501000031	(b) M.S.Bolts & Nuts 180x16mm	KG	3.56	71.00	252.76
	1501000038	(c) M.S.Bolts & Nuts 300x16mm	KG	3.09	71.00	219.39
	2601000027/0028	(d) P.G. Clamp for Weasel or Rabbit	No	6	95.00	570.00
	1302000004	(c) Fuse element- 3 Amp	NO	3	16.00	48.00
	1301000015	(d) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	0415000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	0415000020	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0416000005	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2613000002	(i) Three hole patties	NO	6	46.00	276.00
	2601000049	(j) Side Clamp	NO	12	0.00	0.00
						1647.70
15		<b>COST OF MATERIALS</b>				<b>69592.70</b>
16		<b>ADD: 3% CONTINGENCIES</b>				2087.78
17		<b>ADD: 2% STORAGE CHARGES</b>				1391.85
18		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				1391.85
19		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				10438.91
20		<b>A</b>				<b>84903.09</b>
21		<b>LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,HG FUSES, DIST.BOX ETC. EXCLUDING GUY AND EARTHING</b>	NO	1	6701.00	6701.00
22		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
23		<b>ERECTION OF GUY SET COMPLETE</b>	NO	4	414.00	1656.00
24		<b>CARTING OF POLE AT WORK SITE</b>	NO	2	357.00	714.00
25		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
26		<b>CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 450X450X75 mm</b>	NO	4	120.00	480.00
27		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			---LS---	537.00
28		<b>LABOUR CHARGES</b>				12719.00
29		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				1907.85
30						
31		<b>B</b>				14626.85
32		<b>A+B</b>				99529.94
33		<b>TOTAL ESTIMATE</b>			Say Rs.	99530

5 KVA 11/0.250 KV DIST. TRANSFORMER CENTRE - 8 MTR PSC - D.P.						Sheet 6
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	261100003	PSC POLE ( 8 MTR 200 KG )	NO	2	2010.00	4020.00
2		STEEL STRUCTURE FOR TERMINATING				
		LINES MOUNTING OF TRANS./FIXING OF 11KV FUSES .	L.S			9657.00
	3611000017	(a) M.S.Angle Fab. for Trns. Base/Top on DP - 65x65x6 mm - 2700 mm	NO	4	1029.00	4116.00
	3611000029	(b) M.S.Angle Fab. for Trns. Belting(Bracing) - 50x50x6 mm - 2700 mm	NO	2	799.00	1598.00
	3611000038	(c) M.S.Angle Fab. for 11 KV A.B.Switch - 65x65x6 mm - 2700 mm	NO	0	1029.00	0.00
	3611000038	(d) M.S.Angle Fab. for 11 KV HG Fuse - 65x65x6 mm - 2700 mm	NO	2	1029.00	2058.00
	3611000037	(e) M.S.Angle Fab. for Bracing of HG Fuses - 65x65x6 mm - 750 mm	NO	4	377.00	1508.00
	2609000008	(f) M.S.Angle Fab. for Distribution box - 65x65x6 mm - 1000 mm	NO	1	377.00	377.00
						9657.00
3	130500001	11 KV.D.O. FUSES.(Polymeric)	NO	2	1042.00	2084.00
4	220100004	11KV DIST.TYPE LIGHTENING ARRESTOR(Polymeric)	NO	2	457.00	914.00
5		GUY SET WITH PREFORMED FITTING.	NO	4	1171.00	4684.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
6	2699000006	CAUTION & DANGER BOARD.	NO	2	39.00	78.00
7		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE )	NO	3	512.00	1536.00
		Material required for 1 No earthing				
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
8		ANTI CLAIMBING DEVICES.	NO	2	95.00	190.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO	2	95.00	190.00
9	2104000002	L.T. DIST. BOX FOR 5 KVA X-MER	NO	0		0.00
10		PVC INSULATED & SHEATHED 4 MM <sup>2</sup> 2CORE 4mm2CABLE FOR INCOMING SIDE.	MTR	5	7.00	35.00
11		2CORE 4mm2CABLE FOR OUTGOINGSIDE.	MTR	15	7.00	105.00
12		X'MER 5 KVA 11 / 0.250 KV	NO	1	40800.00	40800.00
13		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00

						Sheet 6
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
14		<b>SUNDRY MATERIALS SUCH AS PG CLAMPS, BOLTS &amp; NUTS ETC.</b>				<b>1647.70</b>
	1501000024	(a) M.S.Bolts & Nuts 65x16mm	KG	4.00	60.00	240.00
	1501000031	(b) M.S.Bolts & Nuts 180x16mm	KG	3.56	71.00	252.76
	1501000038	(c) M.S.Bolts & Nuts 300x16mm	KG	3.09	71.00	219.39
	2601000027/0028	(d) P.G. Clamp for Weasel or Rabbit	No	6	95.00	570.00
	1302000004	(c) Fuse element- 3 Amp	NO	3	16.00	48.00
	1301000015	(d) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	0415000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	0415000020	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0416000005	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2613000002	(i) Three Hole patties	NO	6	46.00	276.00
	2601000049	(j) Side Clamp	NO	12	0.00	0.00
						1647.70
15		<b>COST OF MATERIALS</b>				<b>67773.70</b>
16		<b>ADD: 3% CONTINGENCIES</b>				2033.21
17		<b>ADD: 2% STORAGE CHARGES</b>				1355.47
18		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				1355.47
19		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				10166.06
20		<b>A</b>				<b>82683.91</b>
21		<b>LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,HG FUSES, DIST.BOX ETC. EXCLUDING GUY AND EARTHING</b>	NO	1	6701.00	6701.00
22		<b>ERECTION OF EARTHING C.I. PLATE / PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
23		<b>ERECTION OF GUY SET COMPLETE</b>	NO	4	414.00	1656.00
24		<b>CARTING OF POLE AT WORK SITE</b>	NO	2	357.00	714.00
25		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
26		<b>CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 450X450X75 mm</b>	NO	4	120.00	480.00
27		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			---LS---	537.00
28		<b>LABOUR CHARGES</b>				<b>12719.00</b>
29		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				1907.85
30						
31		<b>B</b>				<b>14626.85</b>
32		<b>A+B</b>				<b>97310.76</b>
33		<b>TOTAL ESTIMATE</b>			Say Rs.	<b>97311</b>

16 KVA 11 KV / 0.433 KV DIST. TRANSFORMER CENTRE ON - 9 MTR - SINGLE STEEL POLE						Sheet 7
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	2611000003	RSJ POLE/TUBULAR POLE ( 116 x 110 - 9 MTR )	NO	1	11290.00	11290.00
2	2609000076	SINGLE POLE MOUNTING X'MER STRUCTURE WITH 11 KV D.O. FUSE ARRANGEMENT	SET	1	4598.00	4598.00
		(a) M.S. Angle 65x65x6mm - 1200mm - 7 Nos.				
		(b) M.S. Angle 65x65x6mm - 480mm - 2 Nos.				
		(c) M.S. Angle 65x65x6mm - 330mm - 2 Nos.				
		(d) M.S. Angle 65x65x6mm - 230mm - 8 Nos.				
3	1305000001	11 KV D.O. FUSES(Polymeric)	NO	3	1042.00	3126.00
4	2201000004	11KV DIST. TYPE LIGHTENING ARRESTOR(Polymeric)	NO	3	457.00	1371.00
5		GUY SET WITH PREFORMED FITTING.	NO	1	1171.00	1171.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
6	2699000006	CAUTION & DANGER BOARD.	NO	1	39.00	39.00
7		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE )	NO	3	512.00	1536.00
		Material required for 1 No - pipe type earthing				
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
8		ANTI CLAIMING DEVICES.	NO	1	95.00	95.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. antilimbing device	NO	1	95.00	95.00
9		L.T. DIST. BOX - 16 KVA	NO	0	0.00	0.00
10		PVC INSULATED & SHEATHED 16 MM <sup>2</sup> 4 CORE CABLE FOR INCOMING SIDE.	MTR	5	97.00	485.00
	0401000035	4 C x 16 mm <sup>2</sup> LT PVC Cable	MTR	5	97.00	485.00
11		-DO- BUT 16 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	97.00	1455.00
	0401000035	4 C x 16 mm <sup>2</sup> LT PVC Cable	MTR	15	97.00	1455.00
12		X'MER 16 KVA 11 / 0.433 KV	NO	1	39900.00	39900.00

						<b>Sheet 7</b>
<b>SR NO</b>	<b>ITEM CODE NO.</b>	<b>PARTICULARS</b>	<b>UNIT</b>	<b>QTY</b>	<b>UNIT RATE Rs.</b>	<b>AMOUNT (Rs.)</b>
<b>13</b>		<b>Static Meter for energy audit of T/C along with MMB/CTS Cable</b>	<b>SET</b>	<b>1</b>	<b>2023.00</b>	<b>2023.00</b>
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00
<b>14</b>		<b>SUNDRY MATERIALS SUCH AS</b>				
		<b>BOLTS &amp; NUTS ETC.</b>				<b>550.65</b>
	1501000024	(a) M.S. Bolts & Nuts 65x16mm	KG	6.00	60.00	360.00
	1501000031	(b) M.S. Bolts & Nuts 180x16mm	KG	1.42	71.00	101.10
	1302000004	(c) Fuse element -3 Amp	NO	3	16.00	48.00
	1301000015	(d) Tinned Copper Fuse Wire No.14(for 63 Amp. Fuse)	Grams	0	0.770	0.00
	0415000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	0415000020	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0416000005	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2601000049	(i) Side Clamp	NO	0	0.00	0.00
						550.65
<b>15</b>		<b>COST OF MATERIALS</b>				<b>67639.65</b>
<b>16</b>		<b>ADD: 3% CONTINGENCIES</b>				2029.19
<b>17</b>		<b>ADD: 2% STORAGE CHARGES</b>				1352.79
<b>18</b>		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				1352.79
<b>19</b>		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				10145.95
<b>20</b>		<b>A</b>				<b>82520.38</b>
<b>21</b>		<b>LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,HG FUSES, DIST.BOX ETC. EXCLUDING GUY AND EARTHING</b>	<b>NO</b>	<b>1</b>	<b>3917.00</b>	<b>3917.00</b>
<b>22</b>		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	<b>NO</b>	<b>3</b>	<b>577.00</b>	<b>1731.00</b>
<b>23</b>		<b>ERECTION OF GUY SET COMPLETE</b>	<b>NO</b>	<b>1</b>	<b>414.00</b>	<b>414.00</b>
<b>24</b>		<b>CARTING OF POLE AT WORK SITE</b>	<b>NO</b>	<b>1</b>	<b>506.00</b>	<b>506.00</b>
<b>25</b>		<b>CARTING OF LINE MATERIALS TO SITE</b>			<b>---LS---</b>	<b>900.00</b>
<b>26</b>		<b>TOTAL COST OF CONCRETING C.C. M-20 GRADE</b>	<b>CMT</b>	<b>0.82</b>	<b>5919.00</b>	<b>4876.31</b>
<b>27</b>		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			<b>---LS---</b>	<b>537.00</b>
<b>28</b>		<b>LABOUR CHARGES</b>				<b>12881.31</b>
<b>29</b>		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				1932.20
<b>30</b>						
<b>31</b>		<b>B</b>				<b>14813.51</b>
<b>32</b>		<b>A+B</b>				<b>97333.88</b>
<b>33</b>		<b>TOTAL ESTIMATE</b>			<b>Say Rs.</b>	<b>97334</b>

10 KVA 11 / 0.433 KV DIST. TRANSFORMER CENTRE ON - 9 MTR - SINGLE STEEL POLE						Sheet 8
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	2611000003	RSJ POLE/TUBULAR POLE ( 116 x 110 - 9 MTR )	NO	1	11290.00	11290.00
2	2609000076	SINGLE POLE MOUNTING X'MER STRUCTURE WITH 11 KV D.O. FUSE ARRANGEMENT	SET	1	4598.00	4598.00
		(a) M.S. Angle 65x65x6mm - 1200mm - 7 Nos.				
		(b) M.S. Angle 65x65x6mm - 480mm - 2 Nos.				
		(c) M.S. Angle 65x65x6mm - 330mm - 2 Nos.				
		(d) M.S. Angle 65x65x6mm - 230mm - 8 Nos.				
3	1305000001	11 KV D.O. FUSES(Polymeric)	NO	3	1042.00	3126.00
4	2201000004	11KV DIST. TYPE LIGHTENING ARRESTOR(Polymeric)	NO	3	457.00	1371.00
5		GUY SET WITH PREFORMED FITTING.	NO	1	1171.00	1171.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
6	2699000006	CAUTION & DANGER BOARD.	NO	1	39.00	39.00
7		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE )	NO	3	512.00	1536.00
		Material required for 1 No - pipe type earthing				
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
8		ANTI CLAIMING DEVICES.	NO	1	95.00	95.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. anticleimbing device	NO	1	95.00	95.00
9		L.T. DIST. BOX -10 KVA	NO	0	0.00	0.00
10		PVC INSULATED & SHEATHED 10 MM <sup>2</sup> 4 CORE CABLE FOR INCOMING SIDE.	MTR	5	68.00	340.00
	04 01 00 0034	4 C x 10mm2 LT PVC Cable	MTR	5	68.00	340.00
11		-DO- BUT 10 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	68.00	1020.00
	04 01 00 0034	4 C x 10mm2 LT PVC Cable	MTR	15	68.00	1020.00
12		X'MER 10 KVA 11 / 0.433 KV	NO	1	39900.00	39900.00

						Sheet 8
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
13		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00
14		<b>SUNDRY MATERIALS SUCH AS</b>				
		<b>BOLTS &amp; NUTS ETC.</b>				<b>550.37</b>
	1501000024	(a) M.S. Bolts & Nuts 65x16mm	KG	6.00	60.00	360.00
	1501000031	(b) M.S. Bolts & Nuts 180x16mm	KG	1.42	71.00	100.82
	1302000004	(c) Fuse element-3 Amp	NO	3	16.00	48.00
	1301000015	(d) Tinned Copper Fuse Wire No.14(for 63 Amp. Fuse)	Grams	0	0.770	0.00
	04150000021	(e) Alu.lugs -Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	04150000020	(f) Alu.lugs -Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0416000005	(g) Alu.lugs for kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu.lugs for kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2601000049	(i) Side Clamp	NO	0	0.00	0.00
						550.37
15		<b>COST OF MATERIALS</b>				<b>67059.37</b>
16		<b>ADD: 3% CONTINGENCIES</b>				2011.78
17		<b>ADD: 2% STORAGE CHARGES</b>				1341.19
18		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				1341.19
19		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				10058.91
20		<b>A</b>				<b>81812.43</b>
21		<b>LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,HG FUSES, DIST.BOX ETC. EXCLUDING GUY AND EARTHING</b>	NO	1	3917.00	3917.00
22		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
23		<b>ERECTION OF GUY SET COMPLETE</b>	NO	1	414.00	414.00
24		<b>CARTING OF POLE AT WORK SITE</b>	NO	1	506.00	506.00
25		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
26		<b>TOTAL COST OF CONCRETING C.C. M-20 GRADE</b>	CMT	0.82	5919.00	4876.31
27		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			---LS---	537.00
28		<b>LABOUR CHARGES</b>				<b>12881.31</b>
29		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				1932.20
30						
31		<b>B</b>				<b>14813.51</b>
32		<b>A+B</b>				<b>96625.94</b>
33		<b>TOTAL ESTIMATE</b>			Say Rs.	<b>96626</b>



5 KVA 11 / 0.250 KV DIST. TRANSFORMER CENTRE ON - 9 MTR - SINGLE STEEL POLE						Sheet 9
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	2611000003	RSJ POLE/TUBULAR POLE ( 116 x 110 - 9 MTR )	NO	1	11290.00	11290.00
2	2609000076	SINGLE POLE MOUNTING X'MER STRUCTURE WITH 11 KV D.O. FUSE ARRANGEMENT	SET	1	4598.00	4598.00
		(a) M.S. Angle 65x65x6mm - 1200mm - 7 Nos.				
		(b) M.S. Angle 65x65x6mm - 480mm - 2 Nos.				
		(c) M.S. Angle 65x65x6mm - 330mm - 2 Nos.				
		(d) M.S. Angle 65x65x6mm - 230mm - 8 Nos.				
3	1305000001	11 KV D.O. FUSES(Polymeric)	NO	2	1042.00	2084.00
4	2201000004	11KV DIST. TYPE LIGHTENING ARRESTOR(Polymeric)	NO	2	457.00	914.00
5		GUY SET WITH PREFORMED FITTING.	NO	1	1171.00	1171.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
6	2699000006	CAUTION & DANGER BOARD.	NO	1	39.00	39.00
7		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE )	NO	3	512.00	1536.00
		Material required for 1 No - pipe type earthing				
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
8		ANTI CLAIMING DEVICES.	NO	1	95.00	95.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO	1	95.00	95.00
9		L.T. DIST. BOX - 5 KVA	NO	0	0.00	0.00
10		PVC INSULATED & SHEATHED 4 MM <sup>2</sup> 2 CORE CABLE FOR INCOMING SIDE.	MTR	5	7.00	35.00
		2 C x 4 mm <sup>2</sup> LT PVC Cable	MTR	5	7.00	35.00
11		-DO- BUT 4 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	7.00	105.00
		2 C x 4 mm <sup>2</sup> LT PVC Cable	MTR	15	7.00	105.00
12		X'MER 5 KVA 11 / 0.250 KV	NO	1	40800.00	40800.00

						Sheet 9
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
13		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00
14		<b>SUNDRY MATERIALS SUCH AS</b>				
		<b>BOLTS &amp; NUTS ETC.</b>				<b>550.37</b>
	1501000024	(a) M.S. Bolts & Nuts 65x16mm	KG	6.00	60.00	360.00
	1501000031	(b) M.S. Bolts & Nuts 180x16mm	KG	1.42	71.00	100.82
	1302000004	(c) Fuse element - 3 Amp	NO	3	16.00	48.00
	1301000015	(d) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	04150000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	04150000020	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0416000005	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2601000049	(i) Side Clamp	NO	0	0.00	0.00
						550.37
15		<b>COST OF MATERIALS</b>				<b>65240.37</b>
16		<b>ADD: 3% CONTINGENCIES</b>				1957.21
17		<b>ADD: 2% STORAGE CHARGES</b>				1304.81
18		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				1304.81
19		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				9786.06
20		<b>A</b>				<b>79593.25</b>
21		<b>LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,HG FUSES, DIST.BOX ETC. EXCLUDING GUY AND EARTHING</b>	NO	1	3917.00	3917.00
22		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
23		<b>ERECTION OF GUY SET COMPLETE</b>	NO	1	414.00	414.00
24		<b>CARTING OF POLE AT WORK SITE</b>	NO	1	506.00	506.00
25		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
26		<b>TOTAL COST OF CONCRETING C.C. M-20 GRADE</b>	CMT	0.82	5919.00	4876.31
27		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			---LS---	537.00
28		<b>LABOUR CHARGES</b>				<b>12881.31</b>
29		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				1932.20
30						
31		<b>B</b>				<b>14813.51</b>
32		<b>A+B</b>				<b>94406.76</b>
33		<b>TOTAL ESTIMATE</b>			Say Rs.	<b>94407</b>

16 KVA 11 / 0.433 KV DIST. TRANSFORMER CENTRE ON - 9 MTR STEEL POLE - D.P.						Sheet 10
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	3604000036	RSJ POLE/TUBULAR POLE ( 116 x 110 - 9 MTR )	NO	2	11290.00	22580.00
2		STEEL STRUCTURE FOR TERMINATING LINES MOUNTING OF TRANS./FIXING OF 11KV FUSES .	L.S			11715.00
	3611000017	(a) M.S.Angle Fab. for Trns. Base/Top on DP - 65x65x6 mm - 2700 mm	NO	4	1029.00	4116.00
	3611000029	(b) M.S.Angle Fab. for Trns. Belting(Bracing) - 50x50x6 mm - 2700 mm	NO	2	799.00	1598.00
	3611000038	(c) M.S.Angle Fab. for 11 KV A.B.Switch - 65x65x6 mm - 2700 mm	NO	2	1029.00	2058.00
	3611000038	(d) M.S.Angle Fab. for 11 KV HG Fuse - 65x65x6 mm - 2700 mm	NO	2	1029.00	2058.00
	3611000037	(e) M.S.Angle Fab. for Bracing of HG Fuses - 65x65x6 mm - 750 mm	NO	4	377.00	1508.00
	2609000008	(f) M.S.Angle Fab. for Distribution box - 65x65x6 mm - 1000 mm	NO	1	377.00	377.00
						11715.00
3	1305000001	11 KV D.O. FUSES ( ALONG WITH ASSEMBLY )(Polymeric)	NO	3	1042.00	3126.00
4	0613000003	11 KV A.B SWITCH 400 AMP.	SET	1	8057.00	8057.00
5	2201000004	11KV DIST. TYPE LIGHTENING ARRESTOR(Polymeric)	NO	3	457.00	1371.00
6		GUY SET WITH PREFORMED FITTING. Material required for 1 No. Guy set	NO	4	1171.00	4684.00
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
7	2699000006	CAUTION & DANGER BOARD.	NO	2	39.00	78.00
8		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE ) Material required for 1 No earthing	NO	3	512.00	1536.00
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
9		ANTI CLAIMING DEVICES. 0103000070. Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO	2	95.00	190.00
10		L.T. DIST. BOX FOR 16 KVA X-MER	NO	0	0.00	0.00
11	0401000035	PVC INSULATED & SHEATHED 16 MM <sup>2</sup> 4 CORE CABLE FOR INCOMING SIDE.	MTR	5	97.00	485.00
12	0401000035	-DO- BUT 16 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	97.00	1455.00
13		X'MER 16 KVA 11 / 0.433 KV	NO	1	39900.00	39900.00
14		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00

						Sheet 10
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
15		<b>SUNDRY MATERIALS SUCH AS PG CLAMPS, BOLTS &amp; NUTS ETC.</b>				<b>3975.70</b>
	1501000024	(a) M.S.Bolts & Nuts 65x16mm	KG	10.00	60.00	600.00
	1501000031	(b) M.S.Bolts & Nuts 180x16mm	KG	3.56	71.00	252.76
	1501000038	(c) M.S.Bolts & Nuts 300x16mm	KG	3.09	71.00	219.39
	2601000027/ 0028	(d) P.G. Clamp for Weasel or Rabbit	No	6	95.00	570.00
	1302000004	(e) Fuse element -3 Amp	NO	3	16.00	48.00
	1301000015	(f) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	0415000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	0415000020	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0416000005	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2613000002	(i) Three hole patties	NO	6	46.00	276.00
	2601000061	(j) Side clamp	NO	24	82.00	1968.00
						3975.70
16		<b>COST OF MATERIALS</b>				<b>101175.70</b>
17		<b>ADD: 3% CONTINGENCIES</b>				3035.27
18		<b>ADD: 2% STORAGE CHARGES</b>				2023.51
19		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				2023.51
20		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				15176.36
21		<b>A</b>				<b>123434.35</b>
22		<b>LABOUR CHARGES FOR ERECTION OF T/C. ON 11 MTR RSJ POLE INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LTG.ARRESTOR,HG FUSES,DIST.BOX ETC.</b>	NO	1	7835.00	7835.00
23		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
24		<b>ERECTION OF GUY SET COMPLETE</b>	NO	4	414.00	1656.00
25		<b>CARTING OF POLE AT WORK SITE</b>	NO	2	506.00	1012.00
26		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
27		<b>TOTAL COST OF CONCRETING C.C. M-20 GRADE</b>	CMT	1.96	5919.00	11601.24
28		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			---LS---	537.00
29		<b>LABOUR CHARGES</b>				<b>25272.24</b>
30		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				3790.84
31						
32		<b>B</b>				<b>29063.08</b>
33		<b>A+B</b>				<b>152497.43</b>
34		<b>TOTAL ESTIMATE</b>			<b>Say Rs.</b>	<b>152497</b>

10 KVA 11 / 0.433 KV DIST. TRANSFORMER CENTRE ON - 9 MTR STEEL POLE - D.P.						Sheet 11
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	3604000036	RSJ POLE/TUBULAR POLE ( 116 x 110 - 9 MTR )	NO	2	11290.00	22580.00
2		STEEL STRUCTURE FOR TERMINATING LINES MOUNTING OF TRANS./FIXING OF 11KV FUSES .	L.S			11715.00
	3611000017	(a) M.S.Angle Fab. for Trns. Base/Top on DP - 65x65x6 mm - 2700 mm	NO	4	1029.00	4116.00
	3611000029	(b) M.S.Angle Fab. for Trns. Belting(Bracing) - 50x50x6 mm - 2700 mm	NO	2	799.00	1598.00
	3611000038	(c) M.S.Angle Fab. for 11 KV A.B.Switch - 65x65x6 mm - 2700 mm	NO	2	1029.00	2058.00
	3611000038	(d) M.S.Angle Fab. for 11 KV HG Fuse - 65x65x6 mm - 2700 mm	NO	2	1029.00	2058.00
	3611000037	(e) M.S.Angle Fab. for Bracing of HG Fuses - 65x65x6 mm - 750 mm	NO	4	377.00	1508.00
	2609000008	(f) M.S.Angle Fab. for Distribution box - 65x65x6 mm - 1000 mm	NO	1	377.00	377.00
						11715.00
3	1305000001	11 KV D.O. FUSES ( ALONG WITH ASSEMBLY )(Polymeric)	NO	3	1042.00	3126.00
4	0613000003	11 KV A.B SWITCH 400AMP.	SET	1	8057.00	8057.00
5	2201000004	11KV DIST.TYPE LIGHTENING ARRESTOR(Polymeric)	NO	3	457.00	1371.00
6		GUY SET WITH PREFORMED FITTING. Material required for 1 No. Guy set	NO	4	1171.00	4684.00
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
7	2699000006	CAUTION & DANGER BOARD.	NO	2	39.00	78.00
8		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE ) Material required for 1 No earthing	NO	3	512.00	1536.00
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
9		ANTI CLAIMING DEVICES.	NO	2	95.00	190.00
	0103000070.	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO	2	95.00	190.00
10		L.T. DIST. BOX FOR 10 KVA X-MER	NO	0	0.00	0.00
11	0401000034	PVC INSULATED & SHEATHED 10 MM <sup>2</sup> 4 CORE CABLE FOR INCOMING SIDE.	MTR	5	68.00	340.00
12	0401000034	-DO- BUT 10 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	68.00	1020.00
13		X'MER 10 KVA 11 / 0.433 KV	NO	1	39900.00	39900.00
14		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00

						Sheet 11
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
15		<b>SUNDRY MATERIALS SUCH AS PG CLAMPS, BOLTS &amp; NUTS ETC.</b>				<b>3975.70</b>
	1501000024	(a) M.S.Bolts & Nuts 65x16mm	KG	10.00	60.00	600.00
	1501000031	(b) M.S.Bolts & Nuts 180x16mm	KG	3.56	71.00	252.76
	1501000038	(c) M.S.Bolts & Nuts 300x16mm	KG	3.09	71.00	219.39
	2601000027 / 0028	(d) P.G. Clamp for Weasel or Rabbit	No	6	95.00	570.00
	1302000004	(e) Fuse element - 3 Amp	NO	3	16.00	48.00
	1301000015	(f) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	0415000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	0415000020	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0416000005	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2613000002	(i) Three hole patties	NO	6	46.00	276.00
	2601000061	(j) Side clamp	NO	24	82.00	1968.00
						3975.70
16		<b>COST OF MATERIALS</b>				<b>100595.70</b>
17		<b>ADD: 3% CONTINGENCIES</b>				3017.87
18		<b>ADD: 2% STORAGE CHARGES</b>				2011.91
19		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				2011.91
20		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				15089.36
21		<b>A</b>				<b>122726.75</b>
22		<b>LABOUR CHARGES FOR ERECTION OF T/C. ON 11 MTR RSJ POLE INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LTG.ARRESTOR,HG FUSES,DIST.BOX ETC.</b>	NO	1	7835.00	7835.00
23		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
24		<b>ERECTION OF GUY SET COMPLETE</b>	NO	4	414.00	1656.00
25		<b>CARTING OF POLE AT WORK SITE</b>	NO	2	506.00	1012.00
26		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
27		<b>TOTAL COST OF CONCRETING C.C. M-20 GRADE</b>	CMT	1.96	5919.00	11601.24
28		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			---LS---	537.00
29		<b>LABOUR CHARGES</b>				<b>25272.24</b>
30		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				3790.84
31						
32		<b>B</b>				<b>29063.08</b>
33		<b>A+B</b>				<b>151789.83</b>
34		<b>TOTAL ESTIMATE</b>			<b>Say Rs.</b>	<b>151790</b>

5 KVA 11 / 0.250 KV DIST. TRANSFORMER CENTRE ON - 9 MTR STEEL POLE - D.P.						Sheet 12
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	3604000036	RSJ POLE/TUBULAR POLE ( 116 x 110 - 9 MTR )	NO	2	11290.00	22580.00
2		STEEL STRUCTURE FOR TERMINATING LINES MOUNTING OF TRANS./FIXING OF 11KV FUSES .	L.S			9657.00
	3611000017	(a) M.S.Angle Fab. for Trns. Base/Top on DP - 65x65x6 mm - 2700 mm	NO	4	1029.00	4116.00
	3611000029	(b) M.S.Angle Fab. for Trns. Belting(Bracing) - 50x50x6 mm - 2700 mm	NO	2	799.00	1598.00
	3611000038	(c) M.S.Angle Fab. for 11 KV A.B.Switch - 65x65x6 mm - 2700 mm	NO	0	1029.00	0.00
	3611000038	(d) M.S.Angle Fab. for 11 KV HG Fuse - 65x65x6 mm - 2700 mm	NO	2	1029.00	2058.00
	3611000037	(e) M.S.Angle Fab. for Bracing of HG Fuses - 65x65x6 mm - 750 mm	NO	4	377.00	1508.00
	2609000008	(f) M.S.Angle Fab. for Distribution box - 65x65x6 mm - 1000 mm	NO	1	377.00	377.00
						9657.00
3	1305000001	11 KV D.O. FUSES ( ALONG WITH ASSEMBLY )(Polymeric)	NO	2	1042.00	2084.00
4	0613000003	11 KV A.B. SWITCH 400 AMP	PAIR	0	8057.00	0.00
5	2201000004	11 KV DIST.TYPE LIGHTENING ARRESTOR(Polymeric)	NO	2	457.00	914.00
6		GUY SET WITH PREFORMED FITTING	NO	4	1171.00	4684.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
7	2699000006	CAUTION & DANGER BOARD.	NO	2	39.00	78.00
8		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE )	NO	3	512.00	1536.00
		Material required for 1 No earthing				
	9010000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
9		ANTI CLAIMING DEVICES.	NO	2	95.00	190.00
	0103000070.	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO	2	95.00	190.00
10		L.T. DIST. BOX FOR 5 KVA X-MER	NO	0	0.00	0.00
11		PVC INSULATED & SHEATHED 4 MM <sup>2</sup> 2CORE CABLE FOR INCOMING SIDE.	MTR	5	7.00	35.00
12		-DO- BUT 4 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	7.00	105.00
13		X'MER 5 KVA 11 / 0.250 KV	NO	1	40800.00	40800.00
14		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00

						Sheet 12
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
15		<b>SUNDRY MATERIALS SUCH AS PG CLAMPS, BOLTS &amp; NUTS ETC.</b>				<b>3975.70</b>
	1501000024	(a) M.S.Bolts & Nuts 65x16mm	KG	10.00	60.00	600.00
	1501000031	(b) M.S.Bolts & Nuts 180x16mm	KG	3.56	71.00	252.76
	1501000038	(c) M.S.Bolts & Nuts 300x16mm	KG	3.09	71.00	219.39
	2601000027 / 0028	(d) P.G. Clamp for Weasel or Rabbit	No	6	95.00	570.00
	1302000004	(e) Fuse element - 3 Amp	NO	3	16.00	48.00
	1301000015	(f) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	0415000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	0415000020	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0416000005	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2613000002	(i) Three hole patties	NO	6	46.00	276.00
	2601000061	(j) Side clamp	NO	24	82.00	1968.00
						3975.70
16		<b>COST OF MATERIALS</b>				<b>88661.70</b>
17		<b>ADD: 3% CONTINGENCIES</b>				2659.85
18		<b>ADD: 2% STORAGE CHARGES</b>				1773.23
19		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				1773.23
20		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				13299.26
21		<b>A</b>				<b>108167.27</b>
22		<b>LABOUR CHARGES FOR ERECTION OF T/C. ON 11 MTR RSJ POLE INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LTG.ARRESTOR,HG FUSES,DIST.BOX ETC.</b>	NO	1	7835.00	7835.00
23		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
24		<b>ERECTION OF GUY SET COMPLETE</b>	NO	4	414.00	1656.00
25		<b>CARTING OF POLE AT WORK SITE</b>	NO	2	506.00	1012.00
26		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
27		<b>TOTAL COST OF CONCRETING C.C. M-20 GRADE</b>	CMT	1.96	5919.00	11601.24
28		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			---LS---	537.00
29		<b>LABOUR CHARGES</b>				<b>25272.24</b>
30		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				3790.84
31						
32		<b>B</b>				<b>29063.08</b>
33		<b>A+B</b>				<b>137230.35</b>
34		<b>TOTAL ESTIMATE</b>			<b>Say Rs.</b>	<b>137230</b>



16 KVA 11 / 0.433 KV DIST. TRANSFORMER CENTRE ON - 11 MTR - SINGLE STEEL POLE						Sheet 13
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	2611000003	RSJ POLE/TUBULAR POLE ( 116 x 110 - 11 MTR )	NO	1	13799.00	13799.00
2	2609000076	SINGLE POLE MOUNTING X'MER STRUCTURE WITH 11 KV D.O. FUSE ARRANGEMENT	SET	1	4598.00	4598.00
		(a) M.S. Angle 65x65x6mm - 1200mm - 7 Nos.				
		(b) M.S. Angle 65x65x6mm - 480mm - 2 Nos.				
		(c) M.S. Angle 65x65x6mm - 330mm - 2 Nos.				
		(d) M.S. Angle 65x65x6mm - 230mm - 8 Nos.				
3	1305000001	11 KV D.O. FUSES(Polymeric)	NO	3	1042.00	3126.00
4	2201000004	11KV DIST. TYPE LIGHTENING ARRESTOR(Polymeric)	NO	3	457.00	1371.00
5		GUY SET WITH PREFORMED FITTING.	NO	1	1171.00	1171.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
6	2699000006	CAUTION & DANGER BOARD.	NO	1	39.00	39.00
7		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE )	NO	3	512.00	1536.00
		Material required for 1 No - pipe type earthing				
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
8		ANTI CLAIMING DEVICES.	NO	1	95.00	95.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO	1	95.00	95.00
9		L.T. DIST. BOX -16 KVA	NO	0	0.00	0.00
10		PVC INSULATED & SHEATHED 16 MM <sup>2</sup> 4 CORE CABLE FOR INCOMING SIDE.	MTR	5	97.00	485.00
	0401000035	4 C x 16 mm <sup>2</sup> LT PVC Cable	MTR	5	97.00	485.00
11		-DO- BUT 16 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	97.00	1455.00
	0401000035	4 C x 16 mm <sup>2</sup> LT PVC Cable	MTR	15	97.00	1455.00
12		X'MER 16 KVA 11 / 0.433 KV	NO	1	39900.00	39900.00

						Sheet 13
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
13		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00
14		<b>SUNDRY MATERIALS SUCH AS</b>				
		<b>BOLTS &amp; NUTS ETC.</b>				<b>550.37</b>
	1501000024	(a) M.S. Bolts & Nuts 65x16mm	KG	6.00	60.00	360.00
	1501000031	(b) M.S. Bolts & Nuts 180x16mm	KG	1.42	71.00	100.82
	1302000004	(c) Fuse element - 3 Amp	NO	3	16.00	48.00
	1301000015	(d) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	04150000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	04150000020	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0416000005	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2601000049	(i) Side Clamp	NO	6	0.00	0.00
						550.37
15		<b>COST OF MATERIALS</b>				<b>70148.37</b>
16		<b>ADD: 3% CONTINGENCIES</b>				2104.45
17		<b>ADD: 2% STORAGE CHARGES</b>				1402.97
18		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				1402.97
19		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				10522.26
20		<b>A</b>				<b>85581.01</b>
21		<b>LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,HG FUSES, DIST.BOX ETC. EXCLUDING GUY AND EARTHING</b>	NO	1	3917.00	3917.00
22		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
23		<b>ERECTION OF GUY SET COMPLETE</b>	NO	1	414.00	414.00
24		<b>CARTING OF POLE AT WORK SITE</b>	NO	1	506.00	506.00
25		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
26		<b>TOTAL COST OF CONCRETING C.C. M-20 GRADE</b>	CMT	0.82	5919.00	4876.31
27		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			---LS---	537.00
28		<b>LABOUR CHARGES</b>				<b>12881.31</b>
29		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				1932.20
30						
31		<b>B</b>				<b>14813.51</b>
32		<b>A+B</b>				<b>100394.52</b>
33		<b>TOTAL ESTIMATE</b>			Say Rs.	<b>100395</b>

10 KVA 11 / 0.433 KV TRANSFORMER CENTRE ON - 11 MTR - SINGLE STEEL POLE						Sheet 14
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	2611000003	RSJ POLE/TUBULAR POLE ( 116 x 110 - 11 MTR )	NO	1	13799.00	13799.00
2	2609000076	SINGLE POLE MOUNTING X'MER STRUCTURE WITH 11 KV D.O. FUSE ARRANGEMENT	SET	1	4598.00	4598.00
		(a) M.S. Angle 65x65x6mm - 1200mm - 7 Nos.				
		(b) M.S. Angle 65x65x6mm - 480mm - 2 Nos.				
		(c) M.S. Angle 65x65x6mm - 330mm - 2 Nos.				
		(d) M.S. Angle 65x65x6mm - 230mm - 8 Nos.				
3	1305000001	11 KV D.O. FUSES(Polymeric)	NO	3	1042.00	3126.00
4	2201000004	11KV DIST. TYPE LIGHTENING ARRESTOR(Polymeric)	NO	3	457.00	1371.00
5		GUY SET WITH PREFORMED FITTING. Material required for 1 No. Guy set	NO	1	1171.00	1171.00
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
6	2699000006	CAUTION & DANGER BOARD.	NO	1	39.00	39.00
7		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE ) Material required for 1 No - pipe type earthing	NO	3	512.00	1536.00
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
8		ANTI CLAIMING DEVICES.	NO	1	95.00	95.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. anticleimbing device	NO	1	95.00	95.00
9		L.T. DIST. BOX - 10 KVA	NO	0	0.00	0.00
10		PVC INSULATED & SHEATHED 10 MM <sup>2</sup> 4 CORE CABLE FOR INCOMING SIDE.	MTR	5	68.00	340.00
	04 01 00 0034	4 C x 10 mm <sup>2</sup> LT PVC Cable	MTR	5	68.00	340.00
11		-DO- BUT 10 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	68.00	1020.00
	04 01 00 0034	4 C x 10 mm <sup>2</sup> LT PVC Cable	MTR	15	68.00	1020.00
12		X'MER 10 KVA 11 / 0.433 KV	NO	1	39900.00	39900.00

						Sheet 14
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
13		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00
14		<b>SUNDRY MATERIALS SUCH AS</b>				
		<b>BOLTS &amp; NUTS ETC.</b>				<b>550.37</b>
	1501000024	(a) M.S. Bolts & Nuts 65x16mm	KG	6.00	60.00	360.00
	1501000031	(b) M.S. Bolts & Nuts 180x16mm	KG	1.42	71.00	100.82
	1302000004	(c) Fuse element - 3 Amp	NO	3	16.00	48.00
	1301000015	(d) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	0415000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	0415000020	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0416000005	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2601000049	(i) Side Clamp	NO	0	0.00	0.00
						550.37
15		<b>COST OF MATERIALS</b>				<b>69568.37</b>
16		<b>ADD: 3% CONTINGENCIES</b>				2087.05
17		<b>ADD: 2% STORAGE CHARGES</b>				1391.37
18		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				1391.37
19		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				10435.26
20		<b>A</b>				<b>84873.41</b>
21		<b>LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,HG FUSES, DIST.BOX ETC. EXCLUDING GUY AND EARTHING</b>	NO	1	3917.00	3917.00
22		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
23		<b>ERECTION OF GUY SET COMPLETE</b>	NO	1	414.00	414.00
24		<b>CARTING OF POLE AT WORK SITE</b>	NO	1	506.00	506.00
25		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
26		<b>TOTAL COST OF CONCRETING C.C. M-20 GRADE</b>	CMT	0.82	5919.00	4876.31
27		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			---LS---	537.00
28		<b>LABOUR CHARGES</b>				<b>12881.31</b>
29		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				1932.20
30						
31		<b>B</b>				<b>14813.51</b>
32		<b>A+B</b>				<b>99686.92</b>
33		<b>TOTAL ESTIMATE</b>			Say Rs.	<b>99687</b>

5 KVA 11/ 0.250 KV DIST. TRANSFORMER CENTRE ON - 11 MTR - SINGLE STEEL POLE						Sheet 15
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	2611000003	RSJ POLE/TUBULAR POLE ( 116 x 110 - 11 MTR )	NO	1	13799.00	13799.00
2	2609000076	SINGLE POLE MOUNTING X'MER STRUCTURE WITH 11 KV D.O. FUSE ARRANGEMENT	SET	1	4598.00	4598.00
		(a) M.S. Angle 65x65x6mm - 1200mm - 7 Nos.				
		(b) M.S. Angle 65x65x6mm - 480mm - 2 Nos.				
		(c) M.S. Angle 65x65x6mm - 330mm - 2 Nos.				
		(d) M.S. Angle 65x65x6mm - 230mm - 8 Nos.				
3	1305000001	11 KV D.O. FUSES(Polymeric)	NO	2	1042.00	2084.00
4	2201000004	11KV DIST. TYPE LIGHTENING ARRESTOR(Polymeric)	NO	2	457.00	914.00
5		GUY SET WITH PREFORMED FITTING.	NO	1	1171.00	1171.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
6	2699000006	CAUTION & DANGER BOARD.	NO	1	39.00	39.00
7		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE )	NO	3	512.00	1536.00
		Material required for 1 No - pipe type earthing				
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
8		ANTI CLAIMING DEVICES.	NO	1	95.00	95.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO	1	95.00	95.00
9		L.T. DIST. BOX - 5 KVA	NO	0	0.00	0.00
10		PVC INSULATED & SHEATHED 4 MM <sup>2</sup> 2 CORE CABLE FOR INCOMING SIDE.	MTR	5	7.00	35.00
		2 C x 4 mm <sup>2</sup> LT PVC Cable	MTR	5	7.00	35.00
11		-DO- BUT 4 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	7.00	105.00
		2 C x 4 mm <sup>2</sup> LT PVC Cable	MTR	15	7.00	105.00
12		X'MER 5 KVA 11 / 0.250 KV	NO	1	40800.00	40800.00

						Sheet 15
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
13		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00
14		<b>SUNDRY MATERIALS SUCH AS</b>				
		<b>BOLTS &amp; NUTS ETC.</b>				<b>550.37</b>
	1501000024	(a) M.S. Bolts & Nuts 65x16mm	KG	6.00	60.00	360.00
	1501000031	(b) M.S. Bolts & Nuts 180x16mm	KG	1.42	71.00	100.82
	1302000004	(c) Fuse element -3 Amp	NO	3	16.00	48.00
	1301000015	(d) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	0415000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	0415000020	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0416000005	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2601000049	(i) Side Clamp	NO	0	0.00	0.00
						550.37
15		<b>COST OF MATERIALS</b>				<b>67749.37</b>
16		<b>ADD: 3% CONTINGENCIES</b>				2032.48
17		<b>ADD: 2% STORAGE CHARGES</b>				1354.99
18		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				1354.99
19		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				10162.41
20		<b>A</b>				<b>82654.23</b>
21		<b>LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,HG FUSES, DIST.BOX ETC. EXCLUDING GUY AND EARTHING</b>	NO	1	3917.00	3917.00
22		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
23		<b>ERECTION OF GUY SET COMPLETE</b>	NO	1	414.00	414.00
24		<b>CARTING OF POLE AT WORK SITE</b>	NO	1	506.00	506.00
25		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
26		<b>TOTAL COST OF CONCRETING C.C. M-20 GRADE</b>	CMT	0.82	5919.00	4876.31
27		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			---LS---	537.00
28		<b>LABOUR CHARGES</b>				<b>12881.31</b>
29		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				1932.20
30						
31		<b>B</b>				<b>14813.51</b>
32		<b>A+B</b>				<b>97467.74</b>
33		<b>TOTAL ESTIMATE</b>			Say Rs.	<b>97468</b>

16 KVA 11 / 0.433 KV DIST. TRANSFORMER CENTRE ON - 11 MTR STEEL POLE - D.P.						Sheet 16
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	360400036	RSJ POLE/TUBULAR POLE ( 116 X 110 - 11 MTR )	NO	2	13799.00	27598.00
2		STEEL STRUCTURE FOR TERMINATING LINES MOUNTING OF TRANS./FIXING OF 11KV FUSES .	L.S			11715.00
	3611000017	(a) M.S.Angle Fab. for Trns. Base/Top on DP - 65x65x6 mm - 2700 mm	NO	4	1029.00	4116.00
	3611000029	(b) M.S.Angle Fab. for Trns. Belting(Bracing) - 50x50x6 mm - 2700 mm	NO	2	799.00	1598.00
	3611000038	(c) M.S.Angle Fab. for 11 KV A.B.Switch - 65x65x6 mm - 2700 mm	NO	2	1029.00	2058.00
	3611000038	(d) M.S.Angle Fab. for 11 KV HG Fuse - 65x65x6 mm - 2700 mm	NO	2	1029.00	2058.00
	3611000037	(e) M.S.Angle Fab. for Bracing of HG Fuses - 65x65x6 mm - 750 mm	NO	4	377.00	1508.00
	2609000008	(f) M.S.Angle Fab. for Distribution box - 65x65x6 mm - 1000 mm	NO	1	377.00	377.00
						11715.00
3	1305000001	11 KV D.O. FUSES ( ALONG WITH ASSEMBLY )(Polymeric)	NO	3	1042.00	3126.00
4	0613000003	11 KV A.B SWITCH 400AMP.	SET	1	8057.00	8057.00
5	2201000004	11KV DIST.TYPE LIGHTENING ARRESTOR(Polymeric)	NO	3	457.00	1371.00
6		GUY SET WITH PREFORMED FITTING.	NO	4	1171.00	4684.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
7	2699000006	CAUTION & DANGER BOARD.	NO	2	39.00	78.00
8		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE )	NO	3	512.00	1536.00
		Material required for 1 No earthing				
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
9		ANTI CLAIMING DEVICES.	NO	2	95.00	190.00
	0103000070.	Barbed wire - 1.591 Kg for 1 No. antilimbing device	NO	2	95.00	190.00
10		L.T. DIST. BOX FOR 16 KVA X-MER	NO	0	0.00	0.00
11	0401000035	PVC INSULATED & SHEATHED 16 MM <sup>2</sup> 4 CORE CABLE FOR INCOMING SIDE.	MTR	5	97.00	485.00
12	0401000035	-DO- BUT 16 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	97.00	1455.00
13		X'MER 16 KVA 11 / 0.433 KV	NO	1	39900.00	39900.00
14		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00

						Sheet 16
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
15		<b>SUNDRY MATERIALS SUCH AS PG CLAMPS, BOLTS &amp; NUTS ETC.</b>				<b>3975.70</b>
	1501000024	(a) M.S.Bolts & Nuts 65x16mm	KG	10.00	60.00	600.00
	1501000031	(b) M.S.Bolts & Nuts 180x16mm	KG	3.56	71.00	252.76
	1501000038	(c) M.S.Bolts & Nuts 300x16mm	KG	3.09	71.00	219.39
	2601000027/ 0028	(d) P.G. Clamp for Weasel or Rabbit	No	6	95.00	570.00
	1302000004	(e) Fuse element -3 Amp	NO	3	16.00	48.00
	1301000015	(f) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	0415000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	0415000020	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0416000005	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2613000002	(i) Three hole patties	NO	6	46.00	276.00
	2601000061	(j) Side clamp	NO	24	82.00	1968.00
						3975.70
16		<b>COST OF MATERIALS</b>				<b>106193.70</b>
17		<b>ADD: 3% CONTINGENCIES</b>				3185.81
18		<b>ADD: 2% STORAGE CHARGES</b>				2123.87
19		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				2123.87
20		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				15929.06
21		<b>A</b>				<b>129556.31</b>
22		<b>LABOUR CHARGES FOR ERECTION OF T/C. ON 11 MTR RSJ POLE INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LTG.ARRESTOR,HG FUSES,DIST.BOX ETC.</b>	NO	1	7835.00	7835.00
23		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
24		<b>ERECTION OF GUY SET COMPLETE</b>	NO	4	414.00	1656.00
25		<b>CARTING OF POLE AT WORK SITE</b>	NO	2	506.00	1012.00
26		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
27		<b>TOTAL COST OF CONCRETING C.C. M-20 GRADE</b>	CMT	1.96	5919.00	11601.24
28		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			---LS---	537.00
29		<b>LABOUR CHARGES</b>				<b>25272.24</b>
30		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				3790.84
31						
32		<b>B</b>				<b>29063.08</b>
33		<b>A+B</b>				<b>158619.39</b>
34		<b>TOTAL ESTIMATE</b>			Say Rs.	<b>158619</b>



10 KVA 11 / 0.433 KV DIST. TRANSFORMER CENTRE ON - 11 MTR STEEL POLE - D.P.						Sheet 17
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	360400036	RSJ POLE/TUBULAR POLE ( 116 x 110 - 11 MTR )	NO	2	13799.00	27598.00
2		STEEL STRUCTURE FOR TERMINATING LINES MOUNTING OF TRANS./FIXING OF 11KV FUSES	L.S			11715.00
	3611000017	(a) M.S.Angle Fab. for Trns. Base/Top on DP - 65x65x6 mm - 2700 mm	NO	4	1029.00	4116.00
	3611000029	(b) M.S.Angle Fab. for Trns. Belting(Bracing) - 50x50x6 mm - 2700 mm	NO	2	799.00	1598.00
	3611000038	(c) M.S.Angle Fab. for 11 KV A.B.Switch - 65x65x6 mm - 2700 mm	NO	2	1029.00	2058.00
	3611000038	(d) M.S.Angle Fab. for 11 KV HG Fuse - 65x65x6 mm - 2700 mm	NO	2	1029.00	2058.00
	3611000037	(e) M.S.Angle Fab. for Bracing of HG Fuses - 65x65x6 mm - 750 mm	NO	4	377.00	1508.00
	2609000008	(f) M.S.Angle Fab. for Distribution box - 65x65x6 mm - 1000 mm	NO	1	377.00	377.00
						11715.00
3	1305000001	11 KV D.O. FUSES ( ALONG WITH ASSEMBLY )(Polymeric)	NO	3	1042.00	3126.00
4	0613000003	11 KV A.B SWITCH 400 AMP	PAIR	1	8057.00	8057.00
5	2201000004	11KV DIST.TYPE LIGHTENING ARRESTOR(Polymeric)	NO	3	457.00	1371.00
6		GUY SET WITH PREFORMED FITTING	NO	4	1171.00	4684.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	0103000012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
7	2699000006	CAUTION & DANGER BOARD.	NO	2	39.00	78.00
8		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE )	NO	3	512.00	1536.00
		Material required for 1 No earthing				
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
9		ANTI CLAIMBING DEVICES.	NO	2	95.00	190.00
	0103000070.	Barbed wire - 1.591 Kg for 1 No. antilimbing device	NO	2	95.00	190.00
10		L.T. DIST. BOX FOR 10 KVA X-MER	NO	0	0.00	0.00
11	0401000034	PVC INSULATED & SHEATHED 10 MM <sup>2</sup> 4 CORE CABLE FOR INCOMING SIDE.	MTR	5	68.00	340.00
12	0401000034	-DO- BUT 10 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	68.00	1020.00
13		X'MER 10 KVA 11 / 0.433 KV	NO	1	39900.00	39900.00
14		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	1607000005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	2601000061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00

						Sheet 17
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
15		<b>SUNDRY MATERIALS SUCH AS PG CLAMPS, BOLTS &amp; NUTS ETC.</b>				<b>3975.70</b>
	1501000024	(a) M.S.Bolts & Nuts 65x16mm	KG	10.00	60.00	600.00
	1501000031	(b) M.S.Bolts & Nuts 180x16mm	KG	3.56	71.00	252.76
	1501000038	(c) M.S.Bolts & Nuts 300x16mm	KG	3.09	71.00	219.39
	2601000027/ 0028	(d) P.G. Clamp for Weasel or Rabbit	No	6	95.00	570.00
	1302000004	(e) Fuse element - 3 Amp	NO	3	16.00	48.00
	1301000015	(f) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	0415000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	0415000020	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0416000005	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2613000002	(i) Three hole patties	NO	6	46.00	276.00
	2601000061	(j) Side clamp	NO	24	82.00	1968.00
						3975.70
16		<b>COST OF MATERIALS</b>				<b>105613.70</b>
17		<b>ADD: 3% CONTINGENCIES</b>				3168.41
18		<b>ADD: 2% STORAGE CHARGES</b>				2112.27
19		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				2112.27
20		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				15842.06
21		<b>A</b>				<b>128848.71</b>
22		<b>LABOUR CHARGES FOR ERECTION OF T/C. ON 11 MTR RSJ POLE INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LTG.ARRESTOR,HG FUSES,DIST.BOX ETC.</b>	NO	1	7835.00	7835.00
23		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
24		<b>ERECTION OF GUY SET COMPLETE</b>	NO	4	414.00	1656.00
25		<b>CARTING OF POLE AT WORK SITE</b>	NO	2	506.00	1012.00
26		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
27		<b>TOTAL COST OF CONCRETING C.C. M-20 GRADE</b>	CMT	1.96	5919.00	11601.24
28		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>			---LS---	537.00
29		<b>LABOUR CHARGES</b>				<b>25272.24</b>
30		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				3790.84
31						
32		<b>B</b>				<b>29063.08</b>
33		<b>A+B</b>				<b>157911.79</b>
34		<b>TOTAL ESTIMATE</b>			<b>Say Rs.</b>	<b>157912</b>

5 KVA 11 / 0.250 KV DIST. TRANSFORMER CENTRE ON - 11 MTR STEEL POLE - D.P.						Sheet 18
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
1	360400036	RSJ POLE/TUBULAR POLE ( 116 x 110 - 11 MTR )	NO	2	13799.00	27598.00
2		STEEL STRUCTURE FOR TERMINATING LINES MOUNTING OF TRANS./FIXING OF 11KV FUSES			---LS---	9657.00
	361100017	(a) M.S.Angle Fab. for Trns. Base/Top on DP - 65x65x6 mm - 2700 mm	NO	4	1029.00	4116.00
	361100029	(b) M.S.Angle Fab. for Trns. Belting(Bracing) - 50x50x6 mm - 2700 mm	NO	2	799.00	1598.00
	361100038	(c) M.S.Angle Fab. for 11 KV A.B.Switch - 65x65x6 mm - 2700 mm	NO	0	1029.00	0.00
	361100038	(d) M.S.Angle Fab. for 11 KV HG Fuse - 65x65x6 mm - 2700 mm	NO	2	1029.00	2058.00
	361100037	(e) M.S.Angle Fab. for Bracing of HG Fuses - 65x65x6 mm - 750 mm	NO	4	377.00	1508.00
	260900008	(f) M.S.Angle Fab. for Distribution box - 65x65x6 mm - 1000 mm	NO	1	377.00	377.00
						9657.00
3	130500001	11 KV D.O. FUSES ( ALONG WITH ASSEMBLY )(Polymeric)	NO	2	1042.00	2084.00
4	061300003	11 KV A.B SWITCH 400 AMP.	PAIR	0	8057.00	0.00
5	220100004	11KV DIST.TYPE LIGHTENING ARRESTOR(Polymeric)	NO	2	457.00	914.00
6		GUY SET WITH PREFORMED FITTING. Material required for 1 No. Guy set	NO	4	1171.00	4684.00
	261400002	(a) Anchor Rod - 1 No.	NO	1	269.00	269.00
	261400009	(b) Turn Buckle - 1 No.	NO	1	149.00	149.00
	261400012	(c) Eye Bolt - 1 No.	NO	1	85.00	85.00
	010300012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	75.00	375.00
	200300001	(e) HT Guy Insulator - 1 No.	NO	1	33.00	33.00
	260100069	(f) Guy Clamp - 1 Pair	PAIR	1	260.00	260.00
						1171.00
7	269900006	CAUTION & DANGER BOARD.	NO	2	39.00	78.00
8		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE ) Material required for 1 No earthing	NO	3	512.00	1536.00
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	248.00	248.00
	280100015	(b) PVC Rigid Pipe - 20mm dia ( 1.5 Mtr) - 1 No	NO	1	198.00	198.00
	010300002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	66.00	66.00
	090100028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						512.00
9		ANTI CLAIMING DEVICES. 0103000070 Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO	2	95.00	190.00
10		L.T. DIST. BOX FOR 5 KVA X-MER	NO	0	0.00	0.00
11		PVC INSULATED & SHEATHED 4 MM <sup>2</sup> 2CORE CABLE FOR INCOMING SIDE.	MTR	5	7.00	35.00
12		-DO- BUT 4 MM <sup>2</sup> OUT GOING SIDE.	MTR	15	7.00	105.00
13		X'MER 5 KVA 11 / 0.250 KV	NO	1	40800.00	40800.00
14		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2023.00	2023.00
	160100073	(i) 10-60 A Static Meter	NO	1	1323.00	1323.00
	160700005	(ii) 3-ph SMC Box for Whole Current Meter	NO	1	536.00	536.00
	260100061	(iii) SIDE CLAMPS (50x6mm)	NO	2	82.00	164.00
						2023.00

						Sheet 18
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT (Rs.)
15		<b>SUNDRY MATERIALS SUCH AS PG CLAMPS, BOLTS &amp; NUTS ETC.</b>				<b>3975.70</b>
	1501000024	(a) M.S.Bolts & Nuts 65x16mm	KG	10.00	60.00	600.00
	1501000031	(b) M.S.Bolts & Nuts 180x16mm	KG	3.56	71.00	252.76
	1501000038	(c) M.S.Bolts & Nuts 300x16mm	KG	3.09	71.00	219.39
	2601000027 / 0028	(d) P.G. Clamp for Weasel or Rabbit	NO	6	95.00	570.00
	1302000004	(e) Fuse element - 3 Amp	NO	3	16.00	48.00
	1301000015	(f) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	0	0.770	0.00
	0415000021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	0415000020	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	0416000005	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	0416000004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	2613000002	(i) Three hole patties	NO	6	46.00	276.00
	2601000061	(j) Side clamp	NO	24	82.00	1968.00
						3975.70
16		<b>COST OF MATERIALS</b>				<b>93679.70</b>
17		<b>ADD: 3% CONTINGENCIES</b>				2810.39
18		<b>ADD: 2% STORAGE CHARGES</b>				1873.59
19		<b>ADD: 2% TRANSPORTATION &amp; MISC.</b>				1873.59
20		<b>ADD: 15% SUPERVISION CHARGES ON COST OF MATERIALS</b>				14051.96
21		<b>A</b>				<b>114289.23</b>
22		<b>LABOUR CHARGES FOR ERECTION OF T/C. ON 11 MTR RSJ POLE INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LTG.ARRESTOR, HG FUSES, DIST.BOX ETC. EXCLUDING GUY AND EARTHING</b>	NO	1	7835.00	7835.00
23		<b>ERECTION OF EARTHING COIL PIPE TYPE WITH SALT &amp; COAL</b>	NO	3	577.00	1731.00
24		<b>ERECTION OF GUY SET COMPLETE</b>	NO	4	414.00	1656.00
25		<b>CARTING OF POLE AT WORK SITE</b>	NO	2	506.00	1012.00
26		<b>CARTING OF LINE MATERIALS TO SITE</b>			---LS---	900.00
27		<b>TOTAL COST OF CONCRETING C.C. M-20 GRADE</b>	CMT	1.96	5919.00	11601.24
28		<b>INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C</b>		1	537.00	537.00
29		<b>LABOUR CHARGES</b>				25272.24
30		<b>ADD: 15% SUPERVISION CHARGE ON LABOUR CHARGES</b>				3790.84
31						
32		<b>B</b>				<b>29063.08</b>
33		<b>A+B</b>				<b>143352.31</b>
34		<b>TOTAL ESTIMATE</b>			<b>Say Rs.</b>	<b>143352</b>