

Maharashtra State Electricity Distribution Company Limited

Mouda Division
SUMMARY REPORT

1	Name of Estimate :-	Estimate for providing 1 no IP connection r/o Ramsagar Farmers Producerscompany ltd ar vil-Bhandarbodi
2	Provision :-	HT line 0.18km, LT Line 0.48km DTC-200kVA
3	Amount :-	Rs. 1194450 /-
4	Supports :-	
5	Conductor :-	55Sq mm , weasel, AANT, GNAT
6	Existing T/F Capacity:-	
7	New Proposed T/F Capacity :-	200KVA
8	Load on Existing T/Fmer:-	
9	New Proposed Load :-	70HP
10	Scheme :-	
11	Sanction No. & Date :-	
12	Voltage Regulation :-	NA
13	Remark :-	Work should be done after observing all the formalities as per MSEDCL Rules & Regulation.

Note:-

Assistant Engineer
MSEDCL
RAMTEK R DC

Dy Executive Engineer
Assistant Engineer
Msedcl MSEDCL
Ramtek Rural D/c.

ABSTRACT

#REF!		
Sr.No.	Particulars	Amount
1)	Cost of 33 KV H.T Line	0.00
2)	Cost of 100 KVA DTC	430183.00
3)	Cost of L.T Line	120413.00
4)	cost of H.T line	96947.00
5)		0.00
(A)	Total Cost of Material (1+2+3+4+5)	647543.00
B	Erection cost on material @ 15%	97131.45
B(1)	Labour Charges for dismantling of Old material	0.00
C	Contractor supervision charges on material @5 %	32377.15
D	Sub-Total-I	777051.60
E	Contractor's Profit @5 %	38852.58
F	Sub-Total-II	815904.18
G	Transportation on material@ 4%	25901.72
H	Contigencies on material @2%	12950.86
I	T&P on material cost @1%	6475.43
J	Sub-Total-III	861232.19
K	BG Charges on 10% of the LOA amount (on Material+centage) @ 0.2 %	1722.46
L	Sub-Total-IV	862954.65
M	Labour Cess (on Total Works Cost instead of only Material Cost) @1%	8629.55
N	Insurance @1%	8629.55
O	Sub-Total-V	880213.75
P	Sub-Total-VI (Cost Excluding GST)	880213.75
Q	Price Variation (On Material) @5 %	0.00
R	Sub-Total-VII	880213.75
S	GST @ 18%	158438.47
T	Sub-Total-VIII (Cost Including GST)	1038652.22
U	Interest During construction @ 8.70%	0.00
V	H.O. Supervision charges @15%	155797.83
W	Grand Total	1194450.06

Maharashtra State Electricity Distribution Company Limited
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11KV LINE USING PSC / RSJ POLE

Estimate for providing 1 no. of IP Connection in r/o Ramsagar farmers producer com ltd at vill -Bhandarbodi to-Ramtek

Sr. No.	Description of Material	Unit	Rate	Quantity	Amount
1	PSC Pole 9 Mtr. Long	Nos.	2712.00	0	0.00
2	RSJ Pole 9Mtr. Long 4X4 1/2	Nos.	12492.90	3	37478.70
3	RSJ Pole 10 Mtr. Long 4X4 1/2 (Stud)	Nos.	13882.05	0	0.00
4	RSJ Pole 11 Mtr. 4 x 4 1/2	Nos.	15269.85	0	0.00
5	RSJ Pole 12 Mtr. 4 x 4 1/2	Nos.	16657.65	0	0.00
6	RSJ Pole 8 Mtr. Long 5x3	Nos.	6322.05	0	0.00
7	RSJ 125x70, 9 m long	Nos.	111.80	0	0.00
8	H.T. Cross arm Clamp	Nos.	120.48	0	688.50
9	H.T. Stay Clamp	Pairs	229.50	3	3496.50
10	11 kv guarding channel MS 75x40	Kg.	69.93	50.0	0.00
11	M.S. Angle 50 X 50 X 6 mm	Kg.	69.93	0	0.00
12	M.S. Channel 100 X 50 X 6 mm	Kg.	69.93	0	1048.95
13	M.S. Channel 75 X 40 X 6 mm	Kg.	69.93	15	327.38
14	M.S. Flat 50 X 10 mm	Kg.	65.48	5	2587.95
15	11 KV V cross arm with clamp	Nos.	862.65	3	368.55
16	11 KV Top fitting with clamp	No	122.85	3	0.00
17	Top Channel S'D.P.(cut point)	Set	4266.25	0	0.00
18	Bracing set S'D.P.	Set	4069.23	0	977.94
19	11 KV Pin Insulator with Pins	Nos.	108.66	9	0.00
20	11KV Pin Insulator Polymer	Nos	227.00	0	1860.08
21	Disc Insulator 11 KV 70 KN	Nos	310.01	6	0.00
22	11 KV Disc Insulator 45KN B& S Polymer	Nos	200.00	0	0.00
23	Strain Hardware for 55 SQMM AAAC	Set	161.00	0	0.00
24	AAAC 100 mm ² .	RMT	66.69	0	18651.60
25	AAAC 55 mm ²	RMT	34.54	540	0.00
26	ACSR WEASEL	RMT	23.27	0	0.00
27	Aluminium Jointing Sleeve for AAAC/ACSR	Nos.	136.00	0	0.00
28	H.T.Stay Set	Nos.	807.30	3	2421.90
29	G.I.Stay Wire 7/4mm(8 SWG)	Kg.	71.81	15	1077.19
30	Earthing Sets H.T	Nos.	461.70	3	1385.10
31	Anti Climbing Devices	Nos.	75.95	0	0.00
32	Danger Board	Nos.	57.50	3	172.50
33	Binding wire	Kg.	81.00	0	0.00
34	Binding Tape	Kg.	49.00	0	0.00
35	Painting/Hardware & support with numbering of pole	Nos.	259.00	1	259.00
36	11KV A.B. Switch 400 Amp	Set.	11088.00	1	11088.00
37	Concreting of Poles & Stays	Cmt.	3935.00	3	11805.00
38	Sundries	L.S.	885.50	1	885.50
39	Black Bitumius Paints	Ltr.	97.75	0	0.00
40	Red Oxide Paint for 2 coats	Ltr.	97.75	0	0.00
41	Aluminium Paint for 1 coal	Ltr.	129.95	0	0.00
42	Guarding Cross Arm Channel (CH 75X40)	Nos.	1311.64	0	0.00
43	G.I.Wire 8 SWG/ 6 SWG	Kg.	71.75	2	143.50
44	SPCP(CH 75X40)	Set	3867.37	0	0.00
45	G.I. Barbed Wire 'A' type.	Kg.	80.34	0	0.00
46	G.I.Nut Bolts	Kg.	111.92	2	223.83
				Total	96947.00

Assistant Engineer
Ramtek Rural dc

Executive Engineer
Mouda Division,
M.S.E.D.Co Ltd., Mouda

Maharashtra State Electricity Distribution Company Limited
Mouda Division

estimate for providing 1 no. of IP Connection in r/o Ramsagar farmers producer com ltd at vill -Bhandarbodi tq-Ramtek

Sr.No	Description of Material	Unit	Qty.	RT/U Rs.	Amount
1	Dist Transformer 200 KVA, 11/0 43 kv	No.	1	253678.10	253678.10
2	RSJ 116x100, 11 m long	No	2	15269.85	30539.70
3	MS Channel 100x50x6 mm	Kg	124	69.93	8671.32
4	M S Channel 75x40x6 mm	Kg	100	69.93	6993.00
5	MS angle 50x50x6 mm	Kg	86	69.93	6013.98
6	M S Flats(50 X 10mm)	Kg	56	65.48	3666.60
7	11 kV Pin Insulators with G I Pins	No	3	108.66	325.98
8	Disc Insulator 11 KV 45 KN	No.	3	280.60	841.80
9	Strain Hardware for 34 Sq mm AAAC	No	3	161.00	483.00
10	L T Dist Boxes 200 KVA with MCCB	No	1	27244.80	27244.80
11	L As 11 KV (Gapless type) with disconnector	Set	1	1458.20	1458.20
12	H T Stay Set	No.	2	807.30	1614.60
13	G I Stay Wire 7/4mm(8 SWG)	Kg	16	71.81	1149.00
14	Earthing Sets H T	No	5	461.70	2308.50
15	11KV H G Fuses	Set	1	2356.80	2356.80
16	11KV A B Switch, 400 A	No	1	11088.00	11088.00
17	Danger Board in yard	No	2	57.50	115.00
18	G I Strip (25 X 3 mm)	Kg	40	90.15	3606.12
19	G I Barbed Wire 'A' type.	Kg.	10	80.34	803.38
20	Concreting ration 1:3:6	Cmt.	2.3	3935.10	9050.73
21	Painting of Supports & fabricated materials	LS	1	178.25	178.25
22	Sundries	LS	1	885.50	885.50
23	L T XLPE cable 3.5 Core 240 mm ²	RMT	10	847.80	8478.00
24	L T XLPE Armoured 3.5 Core cable 185 sq.mm.	RMT	25	661.50	16537.50
25	DTC Metring with Box, single core L T XLPE cable (185 sq mm, 200 mtr length) and other allied material.	No.	1	32097.12	32097.12
	Minor Fabrication, etc				

Cost of material

430184.98

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Mouda Division,
M.S.E.D.Co Ltd., Mouda

Maharashtra State Electricity Distribution Company Limited

Mouda Division

LT LINE SHEET

Sr. No.	Description of Material	Unit	Qty.	Rate/Unit	Amount
1	RSJ 116x100, 8 m long	No.	0.00	11105.10	0.00
2	RSJ 116x100, 9 m long	No.	0.00	12492.90	0.00
3	RSJ 125x70, 8 m long	No.	0.00	6322.05	0.00
4	RSJ 125x70, 9 m long	No.	0.00	7111.80	0.00
5	PSC Pole 8 Mtr (200 KG)	No.	8.00	2376.00	19008.00
6	PSC Pole 8 Mtr (140 KG)	No.	0.00	1980.00	0.00
7	AAAC 55 mm ²	Rmt	1200.00	34.54	41448.56
8	ACSR WEASEL	Rmt	400.00	23.27	9307.72
9	L.T. Vertical 1ph 3w (A 50X50X6)	Kg.	0.00	69.93	0.00
10	L.T. Vertical 3ph 4w (A 50X50X6)	Kg.	85.00	69.93	5944.05
11	L.T. Vertical 3ph 5w (A 50X50X6)	Kg.	0.00	69.93	0.00
12	L.T. Shackle Insulator	Nos.	33.00	11.50	379.50
13	L.T. Shackle Hardware	Pairs	33.00	49.95	1648.35
14	Aluminium Bobbins for neutral	Nos.	11.00	37.00	407.00
15	M.S.D. Clamp (F 50X6)	Kg.	0.00	53.84	0.00
16	L.T. guarding Cross Arm	Nos.	11.00	432.17	4753.87
17	L.T. Cross arm clamp (F 50 X 6)	kg	50.00	120.48	6024.00
18	L.T. Stay Sets.	Nos.	5.00	637.20	3186.00
19	L.T. Stay Clamp. (F 50 X 6)	Kg/Pairs	5.00	115.21	576.05
20	Stay Insulators.	Nos.	5.00	11.50	57.50
21	G.I. Stay Wire 7/3.15mm(10SWG)	Kg.	40.00	71.81	2872.50
22	L.T. Earthing Set	Nos.	8.00	224.10	1792.80
23	G.I. Wire 8 SWG/10 swg	Kg.	110.00	71.75	7892.50
24	L.T. Spacers	Nos.	0.00	126.50	0.00
25	Binding Wire	Kg.	2.00	80.50	161.00
26	Binding Tape	Kg.	0.00	49.45	0.00
27	Jointing Sleeves for AAAC	Nos.	0.00	36.80	0.00
28	Concreting ration 1:3:6	LS	3.12	3935.10	12277.51
29	Sundries L.S.	LS	1.00	885.50	885.50
30	G.I. Nut Bolts	Kg.	16.00	111.92	1790.64
				Total	120413.05

Assistant Engineer
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M.S.E.D.Co Ltd., Mouda