


MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
DIVISION, GONDIA.

SUMMARY REPORT

No. JE/kamtha/T/ ESTT/

DATE:-

- 1 Name of :- Estt. For 3 HP, 1 nos. of IP conn.in in r/o M/S Kornu Agro Farmer
Producer Company Ltd. At Kornu
(pro-Mrs Neha Ketan turkar) at Kornu 436/1
At village Kamtha under Kamtha section
Mobile no 9423114414
- 2 Provision :- Distribution Transformer = 200 KVA
11 Kv Line = 0.18 KM
Single Pole cut point 1 NO
- 3 Amount :- Rs.646,384
- 4 Supports :- RSJ Pole 11 Mtr Long = 2 Nos
RSJ Pole 10 Mtr Long = 0 Nos
RSJ Pole 9 Mtr Long = 1 Nos
PSC Poles 8 M long = 0 Nos
PSC Poles 9 M long = 2 Nos
- 5 Conductor :- AAAC 55 mm² conductor for 11 KV Line = 0.54 km
AAC Ant Conductor for phase - LT Line = nil km
AAC Gnat Conductor for neutral - LT Line = nil km
- 6 Transforme :- proposed 100 KVA DTC NO.= Proposed
- 7 Load On :- Existing :- nil
Transforme Proposed 100 HP
- 8 Scheme :-
- 9 Voltage :- n.a.
Regulation
- 10 Sanctioning :- Authority
- 11 Remarks :-


Assistant Engineer
MSEDCL, Gondia Sub S/D
Kornu D/C
Section kamtha

Dy.Executive Engineer
M.S.E.D.C.L.,
sub division gondia (R)

Cost data for Pole mounted Distribution Transformer Sub-station 200 KVA, 11/0.433 kv.					
Sr.No	Description of Material	Unit	Qty.	RT/U Rs.	Amount
1	Dist.transformer 200kva, 11/0.4kv	No.	1	306520.00	306520.00
2	RSJ 116x100, 11 m long	No.	2	11311.00	22622.00
3	MS Channel 100x50x6 mm	Kg.	100	51.80	5180.00
4	M.S.Channel 75x40x6 mm	Kg.	44	51.80	2279.20
5	MS angle 50x50x6 mm	Kg.	22	51.80	1139.60
6	M.S.Flat 50 x 6 mm	Kg.	24	48.50	1164.00
7	22 kV Pin Insulators with G.I. Pins	No.	3	336.00	1008.00
8	Disc Insulator 11 KV 4500 KG.	No.	6	244.00	1464.00
9	Strain Hardware for 34 Sq.mm AAAC	No.	3	140.00	420.00
10	L.T. Dist.Boxes 200 KVA with MCCB	No.	1	24768.00	24768.00
11	L.A.s 22KV (Gapless type) with disconnector	No.	1	2280.00	2280.00
12	H.T.Stay Set	No.	2	598.00	1196.00
13	G.I.Stay Wire 7/4mm(8 SWG)	Kg.	16	57.45	919.20
14	Earthing Sets H.T	No.	5	342.00	1710.00
15	22KV H.G.Fuses	Set	1	4467.00	4467.00
16	22KV A.B.Switch	No.	1	14447.00	14447.00
17	Danger Board in yard.	No.	2	50.00	100.00
18	G.I.Strip (25 X 3 mm)	Kg.	40	66.78	2671.20
19	G.I.Barbed Wire 'A' type.	Kg.	10	64.27	642.70
20	Concreting ration 1:3:6	Cmt.	2.3	3027.00	6962.10
21	Painting of Supports & fabricated materials	LS	1	155.00	155.00
22	DTC Metring with Box, single core L.T. XLPE cable (185 sq.mm., 200 mtr length) and other	No.	1	7613.00	7613.00
23	Sundries	LS	1	810.00	810.00
					410538.00

Cost of material

1	Transportation on material	4.00%	16422
2	T&P on material cost	1.00%	4105
3	Contingencies on material	2.50%	10263
5	Erection cost on material	15.00%	61581
6	Contractor supervision charges on material	5.00%	20527
7	Insurance , Labour & Finance Cost	3.00%	12316
			125214
Service Cost			535752
Sub-Total			26788
8	Turnkey Charges	5.00%	
			562540
Total			


 Assistant Engineer
 MSEDCL., Gondia Rulas S./D
 Kamtha D/c.

SINGLE POLE CUT POINT STRUCTURE FOR 11KV LINE ON RSJ 9 M POLE

S.N.	Description of material	Unit	Qty.	RT/U.Rs.	Amt Rs.
1	RSJ 116x100, 9 m long	No.	1	9254.00	9254.00
2	M.S.Channel 75x40x6 mm	Kg.	40	51.80	2072.00
3	MS angle 50x50x6 mm	Kg.	25	51.80	1295.00
4	Strain Hardware for Dog0.1 or Equ.AAAC.	No.	6	322.00	1932.00
5	Disc Insulator 11 KV 7000 KG.	No.	6	344.00	2064.00
6	H.T.Stay Set	No.	2	598.00	1196.00
7	G.I.Stay Wire 7/4mm(8 SWG)	Kg.	13	57.45	746.85
8	Earthing Sets H.T	No.	1	342.00	342.00
9	G.I.Wire 8 SWG/ 6 SWG	Kg.	2	57.40	114.80
10	G.I.Barbed Wire 'A' type.	Kg.	2	64.27	128.54
11	Danger Board in yard.	No.	1	50.00	50.00
12	Black Bituminus Paint	Ltr.	0.5	85.00	42.50
13	Red Oxide Paint for 2 coats	Ltr.	1.5	85.00	127.50
14	Aluminium Paint for 1 coat	Ltr.	1	113.00	113.00
15	Concreting ration 1:3:6	Cmt.	1.5	3027.00	4540.50
16	Sundries	LS	1	810.00	810.00

Cost of material**24828.69**

1	Transportation on material	4.00%	993
2	T&P on material cost	1.00%	248
3	Contigencies on material	2.50%	621
5	Erection cost on material	15.00%	3724
6	Contractor supervision charges on material	5.00%	1241
7	Insurance , Labour & Finance Cost	3.00%	745
	Service Cost		7573
	Sub-Total		32401
8	Turnkey Charges	5.00%	1620
	Total		34022


 Assistant Engineer
 MSEDCCL.,Gondia Rulas S./D
 Kamtha D/c.

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. Gondia

Estt. For 3 HP, 1 nos. of IP conn.in in r/o M/S Kornu Agro Farmer Producer company ltd
(pro-Mrs Neha Ketan turkar) at Kornu sr/no- 436

At village korni

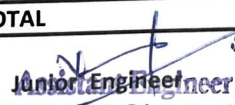
under Kamtha section

Mobile no

9423114414

H.T- 0.18 km

Sr. No.	Description of Material	Unit	Rate	Unit Qty.	Amount
1	PSC Pole 9 Mtr (200 KG)	No.	1968.00	2	3936.00
2	G.I Flat 50x10 mm	Kg.	57.95	5	289.75
3	11 KV V cross arm with clamp GI	No.	750.80	1	750.80
4	11 KV Top fitting with clamp GI	No.	106.75	1	106.75
5	G.I.Channel 75x40x6mm GI	Kg.	60.94	10	609.40
6	11 kv guarding channel GI 75x40	Kg.	60.94	10	609.40
7	G.I.Angle 50x50x6mm	Kg.	60.94	10	609.40
8	Disc Insulator 11 KV 7000 KG.	No.	344.48	6	2066.88
9	11 kV Pin Insulators with G.I. Pins	No.	135.11	6	810.63
10	AAAC 34 mm2	Rmt	16.17	360	5821.20
11	Strain Hardware forWeasel/Squirrel	Set	178.40	3	535.20
12	Sleeve Joints	No.	115.21	1	115.21
13	H.T.Stay Set	Set	542.29	2	1084.58
14	G.I.Stay Wire 7/4mm(8 SWG)	Kg.	52.05	16	832.83
15	Earthing Sets H.T	Set	310.13	2	620.27
16	G.I.Barbed Wire 'A' type.	Kg.	58.31	3	174.93
17	Danger Board in yard.	No.	50.00	2	100.00
18	G.I.Wire 8 SWG/ 6 SWG	Kg.	52.01	13	676.10
19	Concreting ration 1:4:8	LS	2596.08	1	2596.08
20	G.I.Nut Bolts	Kg.	77.92	8	623.39
21	Sundries	LS	770.00	0.5	385.00
22	Wedge connectors			0	0.00
23	WEASEL TO WEASEL or equivalent AAAC	No	114.11	3	342.34
	Cost of material				23696.14
1	Transportation on material	4.00%			947.85
2	T&P on material cost	1.00%			236.96
3	Contigencies on material	0.50%			118.48
5	Erection cost on material	15.00%			3554.42
6	Contractor supervision charges on	5.00%			1184.81
7	Insurance , Labour & Finance Cost	2.50%			592.40
B	Service cost				6634.92
	Sub-Total				30331.06
8	Turnkey Charges	4.00%			1213.24
C	TOTAL				31544.31
•	SGST	9.00%			2838.99
•	CGST	9.00%			2838.99
	GRAND TOTAL				37222.28


 Junior Engineer
 M.S.E.D.C.L. Rulas S./D
 Section kamtha.

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 sub division,Gondia