

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.

O & M DIVISION Pandharkawada

ESTIMATE REPORT

Name of
Estimate :-

An Estimate For Power Supply 01 No Kw (KVA) 3 ph LT Strret Light
Connection In r/o NHAI PIU Chandrapur Adni Sy.No Nh44 AT. Adni
To Kelapur Dist. Yavatmal under. Ulmari dc P'kawada Sdn 1.3% DDF

1 Provision

1 Erection of 11 KV Line on RSJ Pole 9 Mtr.	0.04 KM
2 Erection of 11/0.4 KV 63 KVA DTC	1 No
3	
4	
5	
6	

2 Amount of Estimate Rs.

360028.93

H.O. Supervision charges @1.3%

4609.66

Witaout GST

3 Rought Length

:- As Above

4 Size of Conductor

:- 11 KV AAAC 55 mm2
LT AAAC 55sqmm /ACSR Weasel

6 Voltage Regulation

:- Within Limit / _____ %

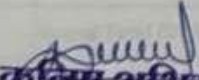
7 Transformer Capacity

:- Existing T/F
Proposed T/F 3 Ø 63 KVA
1 Ø

8 Budget Head

:- 1.3% DDF Scheme.

9 Remarks


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O & M DIVISION Pandharkawada

ESTIMATE ABSTRACT

Name of Estimate :-	An Estimate For Power Supply 01 No Kw3 ph LT Strret Light Connection In r/o NHAI PIU Chandrapur Adni Sy.No Nh44 AT. Adni Tq.Kelapur Dist. Yavatmal under Umari dc P'kawada Sdn 1.3% DDF Scheme.
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Sr. No.	Particulars	Unit	Qty	Cost of Material
1	Erection of 11 KV Line on RSJ Pole 9 Mtr.	KM	0.04	35853.00
2	Erection of 25 KVA DTC	No	1.00	177066.00
3			0.00	0.00
4			0.00	0.00
5			0.00	
6			0.00	
A	Total Cost of Material			212919.00
B	Erection (labour) - (Ref. Wkg)--ON A	15.00%		31937.85
C	Sub Total I			244856.85
i	Dismantaling charges -			0.00
ii	Excavation charges			0.00
D	Sub Total II (Tender/Estimate Cost Excluding GST)			244856.85
E	GST 18% on Sub total II --ON D	18.00%		44074.23
F	Sub-Total III (Tender Cost including GST)			288931.08
iii	H.O. Supervision charges @1.3%	1.30%		3756.10
iv	GST on Supervision Charges	18.00%		676.10
G	Total Supervision charges			4432.20
H	Grand Total (DPR Cost)			293363.29
	Salvage Value			0.00

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Estimate For Erection of 11/0.4 KV 63 KVA DTC

1

No on RSJ Poles

S.N.	Description of Material	Unit	QTY	RT/U.Rs.	Amt Rs.
1	RSJ 116x100, 10 m long	No	2	13882.00	27764.00
2	RSJ 125x70, 8 m long for Circuit	No	1	6322.00	6322.00
3	MS Channel 100x50x6 mm	Kg.	100	70.00	7000.00
4	M.S.Channel 75x40x6 mm	kg.	44	70.00	3080.00
5	MS angle 50x50x6 mm	kg.	42	70.00	2940.00
6	M.S.Flat 50 x 6 mm	kg.	24	65.00	1560.00
7	11 kV Pin Insulators with G.I. Pins	NO.	3	120.00	360.00
8	Strain Hardware for AAAC 55 sqmm	No.	3	175.00	525.00
9	Disc Insulator 11 KV 7000 KG.	No.	3	326.00	978.00
10	Dist. transformer 63kva, 11/.43kv with BIS Mark as per IS 1180 (Part1) 2014 level II	No.	1	61540.00	61540.00
11	L.T.Dist.Boxes 25/63 KVA with KITKAT	No.	1	14904.00	14904.00
12	L.As. 11 KV (Gapless type) with disconnector	Set.	1	1531.00	1531.00
13	H.T.Stay Set	No	2	807.00	1614.00
14	G.I.Stay Wire 7/4mm(8 SWG)	kg.	20	72.00	1440.00
15	Earthing Sets H.T	No.	3	462.00	1386.00
16	11KV H.G.Fuses	Set.	1	2475.00	2475.00
17	LT Shackle Insulator	No	4	15.00	60.00
18	Aluminium Bobbins for neutral	No.	1	41.00	41.00
19	L.T. Shackle Hardware	Pair	5	50.00	250.00
20	11KV A.B. Switch	No.	1	11642.00	11642.00
21	Danger Board in yard.	No.	2	87.00	174.00
22	G.I.Wire 8 SWG/ 6 SWG	Kg.	25	72.00	1800.00
23	G.I.Barbed Wire 'A' type.	kg.	15	80.00	1200.00
24	Concreting ration 1:3:6	CMT.	2	4328.00	8656.00
25	Painting/Hardware & support with numbering of pole	L.S.	1	259.00	259.00
26	Sundries	L.S.	1	886.00	886.00
27	DTC Metring with Box, single core L.T. XLPE cable (35 sq.mm., 120 mtr length) and other allied	No.	1	16679.00	16679.00
	Cost of material				177066.00

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ESTIMATE

Estimate For Erection of 11 KV Line on RSJ Pole 9 Mtr. 0.04 Km

S.N.	Description of Material	Unit	QTY	RT/U.Rs.	Amt Rs.
1	PSC Pole 8 Mtr (140 KG)	No.	0	2178.00	0.00
2	PSC Pole 9 Mtr (200 KG)	No.	0	2983.00	0.00
3	RSJ 116x100, 9 m long	No.	1	12493.00	12493.00
4	RSJ 116x100, 10 m long	No.	0	13882.00	0.00
5	11 kv Guarding Channel MS 75x40	Kg.	25	70.00	1750.00
6	M.S.Channel 75x40x6 mm	Kg.	21	70.00	1470.00
7	MS angle 50x50x6 mm	Kg.	11	70.00	770.00
8	11 KV V cross arm with clamp	No.	1	863.00	863.00
9	11 KV Top fitting with clamp	No.	1	123.00	123.00
10	M.S. Flats(50 X 10mm)	Kg.	10	65.00	650.00
11	11 kV Pin Insulators with G.I. Pins	No.	9	120.00	1080.00
12	Disc Insulator 11 KV 7000 KG.	No.	3	326.00	978.00
13	Strain Hardware for 55 Sq. mm AAAC	Set	3	175	525.00
14	AAAC 55 mm2	Rmt	126	36	4536.00
15	Sleve Joints	No.	1	145.00	145.00
16	H.T.Stay Set	Set	1	807.00	807.00
17	Stay Wire 7/8	Kg.	10	72.00	720.00
18	Earthing Sets H.T	Set	1	462.00	462.00
19	G.I.Barbed Wire 'A' type.	Kg.	4.0	80.00	320.00
20	Danger Board	No.	2	87.00	174.00
21	Concreting ration 1:3:6	Cmt.	1.0	4328.00	4328.00
22	G.I.Wire 8 SWG/ 6 SWG	Kg.	21.5	72.00	1548.00
23	Black Bituminus Paint	Ltr.	0	150.00	0.00
24	Red Oxide Paint for 2 coats	Ltr.	1	124.00	124.00
25	Aluminium Paint for 1 coat	Ltr.	1	260.00	260.00
26	G.I.Nut Bolts	Kg.	4	112.00	448.00
27	Sundries	LS	1	886.00	886.00
28	11 KV AB Cable (aluminium)XLPE 3x120+100 Sqmm	Rmt	0	891.0	0.00
29	RABIT To RABIT	No	3	131	393.00
	Cost of material				35853.00