



(A. Govt of Maharashtra Undertaking)
CIN : U40109MH2005SGC153645

Maharashtra State Electricity Distribution Co. Ltd.

Website: - www.mahadiscom.in,

Office of Assistant Engineer
MSEDCL ,O&m Wadaki section
Wadaki

AE/ESTT/WADAKI/NO. 324

Date :- 09/12/2015

To,
The DyEx Engineer
MSEDCL,O&M Subdivision
Ralegaon

An Estimate For Power Supply 01 No ,32.8 kw 3 ph LT Strret Light Connection In r/o NHAI PIU
Sub :- Chandrapur Bori NH.No Nh44 AT. Bori Tq.Ralegaonr Dist. Yavatmal under Wadaki dc Ralegaon
Sdn 1.3% DDF Scheme.

please find enclosed herewith;

An Estimate For Power Supply 01 No ,32.8 kw 3 ph LT Strret Light Connection In r/o NHAI PIU Chandrapur
Bori NH.No Nh44 AT. Bori Tq.Ralegaonr Dist. Yavatmal under Wadaki dc Ralegaon Sdn 1.3% DDF Scheme.

Parts	Description	Work Proposed	Unit
1	11 KV OH SHEET	0.04	Km
2	Provision of 63 kva TRF	1.00	No
3	LT OH SHEET	0.00	Km.

Total Cost with centages Rs.:-	360029
--------------------------------	--------

Hence submitted for sanction please.


Assistant Engineer
M.S.E.D.C.L Wadki

1) Estimate, Sketch & other relevant documents.

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.

O & M DIVISION YAWATMAL

ESTIMATE REPORT

Name of
Estimate :-

An Estimate For Power Supply 01 No ,32.8 kw 3 ph LT Strret Light Connection
In r/o NHAI PIU Chandrapur Bori NH.No Nh44 AT. Bori Tq.Ralegaonr Dist.
Yavatmal under Wadaki dc Ralegaon Sdn 1.3% DDF Scheme.

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


Assistant Engineer
M.S.E.D.C.L Wadki

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.
O & M DIVISION Pandharkawada

ESTIMATE

Name of Estt:- An Estimate For Power Supply 01 No ,32.8 kw 3 ph LT Strret Light Connection In r/o NHA
 PIU Chandrapur Bori NH.No Nh44 AT. Bori Tq.Ralegaonr Dist. Yavatmal under Wadaki dc
 Ralegaon Sdn 1.3% DDF Scheme.

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	109925.00	109925.00
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				225451.00

(Signature)
 Asst. Engineer
 M.S.E.D.C.L Wadki

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.
O & M DIVISION YAWATMAL**

ESTIMATE

Name of Estt:- An Estimate For Power Supply 01 No ,32.8 kw 3 ph LT Stret Light Connection In r/o NHAI PIU Chandrapur Bori NH.No Nh44 AT. Bori Tq.Ralegaonr Dist. Yavatmal under Wadaki dc Ralegaon Sdn 1.3% DDF Scheme.

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	Sleeve 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

742
Assistant Engineer
M.S.E.D.C.L Wadki

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.**O & M DIVISION YAWATMAL****ESTIMATE ABSTRACT****Name of Estimate :-**

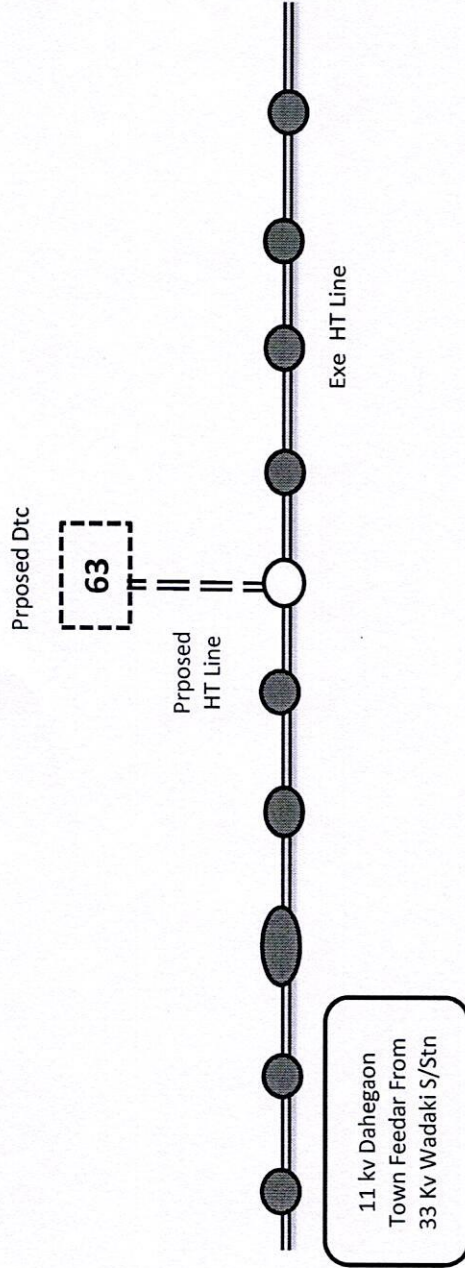
An Estimate For Power Supply 01 No ,32.8 kw 3 ph LT Strret Light Connection In r/o NHAI PIU Chandrapur Bori NH.No Nh44 AT. Bori Tq.Ralegaonr Dist. Yavatmal under Wadaki dc Ralegaon Sdn 1.3% DDF Scheme.

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 11/0.4 KV 63 KVA DTC	No	1.00	225451.00
3			0.00	0.00
4			0.00	0.00
5			0.00	
6			0.00	
A	Total Cost of Material			261304.00
B	Erection (labour) - (Ref. Wkg)--ON A	15.00%		39195.60
C	Sub Total I			300499.60
i	Dismantaling charges -			0.00
ii	Excavation charges			0.00
D	Sub Total II (Tender/Estimate Cost Excluding GST)			300499.60
E	GST 18% on Sub total II --ON D	18.00%		54089.93
F	Sub-Total III (Tender Cost including GST)			354589.53
iii	H.O. Supervision charges @1.3%	1.30%		4609.66
iv	GST on Supervision Charges	18.00%		829.74
G	Total Supervision charges			5439.40
H	Grand Total (DPR Cost)			360028.93
	Salvage Value			0.00


Assistant Engineer
M.S.E.D.C.L Wadki

SLD For Power Supply 01 No ,32.8 kw 3 ph LT Strret Light Connection In r/o NHAI PIU Chandrapur Bori Sy.No Nh44 AT. Bori
Tq.Ralegaon Dist. Yavatmal under Wadaki dc Ralegaon Sdn 1.3% DDF Scheme.

FEEDAR NAME :- 11 KV Dahegaon FEEDAR S/STN NAME :- 33/11 KV Wadaki S/STN



INDEX		Qty
	Existing UG Cable	
	Existing DTC	
	Existing 11 kV Line	
	Propose DTC KVA rating	01 No
	New propose 11kV Line	0.04 Km
	Propose Stay	01 No

Signature
Assistant Engineer
MSEDCL, Wadki