

Maharashtra State Electricity Distribution Company Limited

(A Govt. of Maharashtra Undertaking)

CIN: U40109MH2005SGC153645

Ph No. : 07237-234682

Email : ojcpkdrural@gmail.com

Website : www.mahadiscom.in

Assistant Engineer
O&M D/C, MSEDCL
Pkd Rural DC.

AE/PkdR/T/No.:

Dt: -

To,
The Dy Executive Engineer,
Pandhararkadwa Sub O&M Division,
MSEDCL, Pandharkawada.

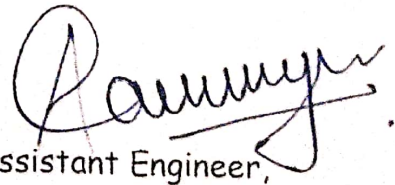
Subject: An Estimate for 3 Nos of New Street Light PS Connection in the name of NHAI-PIU Chandrapur MC at Village Marathwakadi Tal Kelapur Dist. Yavatmal under PKD R DC , Pandharkawada Sub Division under Pandharkawada Division in 1.3% DDF Scheme.

Respected Sir,

With reference to the above subject we are Submitting An Estimate for 3 Nos of New Street Light PS Connection in the name of NHAI-PIU Chandrapur MC at Village Marathwakadi Tal Kelapur Dist. Yavatmal under PKD R DC , Pandharkawada Sub Division under Pandharkawada Division in 1.3% DDF Scheme.

This is for your information and further necessary action please.

Enclose - As Above


Assistant Engineer,
M.S.E.D.C.L
Pkd Rural D/C

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.

O & M DIVISION PANDHARKAWADA
ESTIMATE REPORT

Name of Estimate :- An Estimate for 3 Nos of New Street Light PS Connection in the name of NHAI-PIU Chandrapur MC at Village Marathwakadi Tal Kelapur Dist. Yavatmal under PKD R DC , Pandharkawada Sub Division under Pandharkawada Division in 1.3% DDF Scheme

1 Provision

1 Erection of 11 KV Line on RSJ Pole 10 Mtr.	0.12 KM
2 Erection of 11/0.4 KV 63 KVA DTC	1 No
3	
4 Erection of LT Line 3Ø4W on RSJ Pole 8 Mtr.	0.12 KM
5	
6	

2 Amount of Estimate Rs.

454978.06

3 Rought Length

:- As Above

4 Size of Conductor

**:- 11 KV ACSR Dog
LT AAAC 55sqmm /ACSR Weasel**

6 Voltage Regulation

:- Within Limit / _____ %

7 Transformer Capacity

**:- Existing T/F
Proposed T/F**

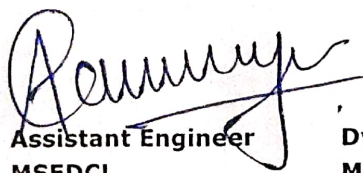
**3 Ø 63 KVA
1 Ø**

8 Budget Head

:- 1.3% DDF Scheme.

9 Remarks

:-



Assistant Engineer
MSEDCL
Pandharkawada Dn

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Pandharkawada Dn

Executive Engineer
M.S.E.D.Co. Ltd. O & M Dn.
PANDHARKAWADA

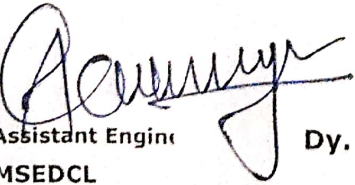
**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.
O & M DIVISION PANDHARKAWADA**

ESTIMATE

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Estimate For Erection of 11 KV Line on RSJ Pole 10 Mtr. 0.12 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.	0	12493.00	0.00
4	RSJ 116x100, 10 m long	No.	2	13882.00	27764.00
5	11 kv Guarding Channel MS 75x40	Kg.	0	70.00	0.00
6	M.S.Channel 75x40x6 mm	Kg.	0	70.00	0.00
7	MS angle 50x50x6 mm	Kg.	0	70.00	0.00
8	11 KV V cross arm with clamp	No.	2	863.00	1726.00
9	11 KV Top fitting with clamp	No.	2	123.00	246.00
10	M.S. Flats(50 X 10mm)	Kg.	5	65.00	325.00
11	11 kv Pin Insulators with G.I. Pins	No.	6	120.00	720.00
12	Disc Insulator 11 KV 7000 KG.	No.	0	326.00	0.00
13	Strain Hardware for Dog 0.1 or Equ. AAAC	Set	0	175	0.00
14	ACSR Dog	Rmt	378	36	13608.00
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	2	462.00	924.00
19	G.I.Barbed Wire 'A' type.	Kg.	9.0	80.00	720.00
20	Danger Board	No.	2	87.00	174.00
21	Concreting ration 1:3:6	Cmt.	1.5	4328.00	6492.00
22	G.I.Wire 8 SWG/ 6 SWG	Kg.	3	72.00	216.00
23	Black Bituminous Paint	Ltr.	1	150.00	150.00
24	Red Oxide Paint for 2 coats	Ltr.	3	124.00	372.00
25	Aluminium Paint for 1 coat	Ltr.	1	260.00	260.00
26	G.I.Nut Bolts	Kg.	11	112.00	1232.00
27	Sundries	LS	0.12	886.00	106.32
28	11 KV AB Cable (aluminium)XLPE 3x120+100 Sqmm	Rmt		891.0	0.00
29	DOG To DOG	No	0	131	0.00
	Cost of material				56707.32


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Estimate For Erection of LT Line 3Ø4W on RSJ Pole 8 Mtr. 0.12 Km

S.N.	Description of Material	Unit	QTY	RT/U.Rs.	Amt Rs.
1	PSC Pole 8 Mtr (140 KG)	No	0	2178.0	0.00
2	RSJ 125x70, 8 m long	No	2	6322.00	12644.00
3	RSJ 125x70, 9 m long	No	0	7112.0	0.00
4	AAAC 55 mm2	Rmt	372	36.00	13392.00
5	ACSR Weasel	Rmt	132	24.00	3168.00
6	MS angle 50x50x6 mm	Kg	10	70.00	700.00
7	M.S. Flats(50 X 6mm)	Kg	5	65.00	312.00
8	LT Shackle Insulator	No	12	15.00	180.00
9	Aluminium Bobbins for neutral	No.	3	41.00	123.00
10	L.T. Shackle Hardware	Pair	15	50.00	750.00
11	Jointing Sleeves for AAC	No	1	43.00	43.00
12	PG Clamp	No	1	31.00	31.00
13	Earthing Sets L.T.	Set	1	224.00	224.00
14	L.T. Stay sets	Set	1	637.00	637.00
15	G.I.Stay Wire 7/3.15mm(10SWG)	Kg.	9	72.00	648.00
16	Stay Insulators	No	1	15.00	15.00
17	Binding Wire	Kg	0.22	85.00	18.36
18	Binding Tape	Kg	0.22	60.00	12.96
19	G.I.Wire 8 SWG/ 6 SWG	Kg.	1.20	72.00	86.40
20	Red Oxide Paint for 2 coats	Ltr	2.50	124.00	310.00
21	L.T.Spacers	No	9	127.00	1143.00
22	G.I.Nut Bolts	Kg	5	112.00	560.00
23	Concreting ration 1:3:6	Cmt	1.30	4328.00	5626.40
24	Wedge connectors				0.00
a)	Ant To Ant	No	4	131.00	524.00
b)	GNAT To GNAT	No	1	131.00	131.00
25	Sundries	LS	0.12	886.00	106.32
	Cost of material				41385.44

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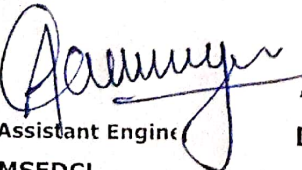
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Estimate For **Erection of 11/0.4 KV 63 KVA DTC** 1 **No on RSJ Poles**

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	2	6322.00	12644.00
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, 11/0.43kv 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	8	15.00	120.00
18	Aluminium Bobbins for neutral	No.	2	41.00	82.00
19	L.T. Shackle Hardware	Pair	10	50.00	500.00
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				232124.00


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