

Date :- 26/12/2025

Dy. EE/S'pur/ Tech/1491

To,
The Executive Engineer,
O&M Division MSEDCL,
Hinganghat

:- Submission of 03 nos. of estimate for providing power supply to 03 nos. Street Light connection under 1.3 % DDF scheme Tal. Samudrapur Dist. Wardha. Under Samudrapur division.

- 1) Reciept No. 1671 Date :- 26/12/2025
2) Reciept No. 1672 Date :- 26/12/2025
3) Reciept No. 1673 Date :- 26/12/2025

With referance to above subject, please find enclosed herewith the 03 of estimate for providing power supply to 03 nos. Street Light connection under 1.3 % scheme Tal. Samudrapur Dist. Wardha. Under Jamb and Girad section of Samudrapur division. The Details of consumer are given below
M/s NHA I PIU Nagpur at Vg. Ubda, having load 21.5 KW
M/s NHA I PIU Nagpur at Vg. Kankati, having load 6 KW
M/s NHA I PIU Nagpur at Vg. Jamb, having load 10.05 KW
Submitted for your information and N.A. please.

:- As above

C.C.O. & M. Division
M.S.E.D.G.L. Hinganghat
Receipt No 4928
Date- 30-12-2025
Add. E.E.
Dy. E.E. (G)
A. E. (Infra)
Dy. M. (F & A)
Dy. M. (R)
Dy. M. (HR)
E.E. Hgt.

Dy. Executive Engineer
O&M S/Dn., MSEDCL,
Samudrapur

Putup
File
30.12

ESTIMATE REPORT

Estimate for providing 01 no. Street Light Connection
Having Load 10.05 KW in r/o M/s NHAI PIU Nagpur
at Vg. Jamb Tal. Samudrapur Dist. Wardha under
Jamb Section of Smaudrapur Sub division

This Estimate Provides

- 1) Erection of 11 KV km
- 2) Transformer 1no. 25 KVA KVA in line
- 3) Erection of LT line

290428.26

H. T. KM On PSC/ Rail/RSJ

(8mtr/9mtr/10mtr)

L.T. KM On PSC/Rail/ RSJ

(8mtr/9mtr/10mtr)

HT AAAC sq. mm

LT AAC/ANT/GNAT

For Phase & Neutral respectively.

11/0.44 KV _ Proposed 1 no of 25 KVA In line

HT 0 Km / LT Km

1.3 % DDF

Remarks, if

Dy. Executive Engineer
M.S.E.D. Co. Ltd.(O&M)
Samudrapur S/Dn

Assistant Engineer
M.S.E.D.Co.Ltd. Samb

ESTIMATE REPORT

Estimate for providing 01 no. Street Light Connection
Having Load 6 KW in r/o M/s NHAI PIU Nagpur at
Vg. Kankati Tal. Samudrapur Dist. Wardha under
Jamb Section of Smaudrapur Sub division

This Estimate Provides

- 1) Erection of 11 KV 0.003 km
- 2) Transformer 1no. 25 KVA KVA
- 3) Erection of LT line

Amount of Estimate

275590.42

Type of Support

H. T. KM On PSC/ Rail/RSJ

(8mtr/9mtr/10mtr)

L.T. KM On PSC/Rail/ RSJ

(8mtr/9mtr/10mtr)

Size of Conductor

HT AAAC sq. mm

LT AAC/ANT/GNAT

For Phase & Neutral respectively.

Capacity of Transformer

11/0.44 KV _ Proposed 1 no of 25 KVA

7) Route Length

HT 0 Km / LT . Km

8) Budget Head

1.3% DDF

9) Remarks, if

Dy. Executive Engineer
M.S.E.D. Co. Ltd. (O&M)
Samudrapur S/Dn

Assistant Engineer
M.S.E.D. Co. Ltd. Jamb

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION Co. Ltd.
O. & M. DIVISION HINGANGHAT

Receipt No. 167/
Receipt Date 26/12/25

AE/O
JE/C
AA
HP

ESTIMATE REPORT

Estimate

Estimate for providing 01 no. Street Light Connection
Having Load 21.5 KW in r/o M/s NHAI PIU Nagpur at
Vg. Ubda Tal. Samudrapur Dist. Wardha under Jamb
Section of Smaudrapur Sub division

Division

This Estimate Provides

1) Erection of 11 KV NIL km

2) Transformer 1no. 63 KVA KVA in line

3) Erection of LT line

Amount of Estimate

372636.52

Details of Support

H. T. KM On PSC/ Rail/RSJ

(8mtr/9mtr/10mtr)

L.T. KM On PSC/Rail/ RSJ

(8mtr/9mtr/10mtr)

Size of Conductor

HT AAAC sq. mm

LT AAC/ANT/GNAT

For Phase & Neutral respectively.

Capacity of Transformer

11/0.44 KV _ Proposed 1 no of 63 KVA In line

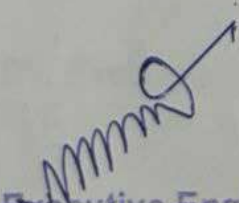
Route Length

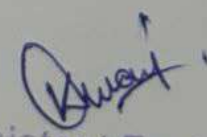
HT 0 Km / LT Km

Budget Head

1.3% DDF

Remarks, if


Dy. Executive Engineer
M.S.E.D. Co. Ltd.(O&M)
Samudrapur S/Dn

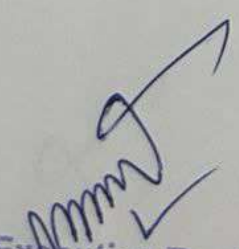

Assistant Engineer
M.S.E.D. Co. Ltd. Jamb

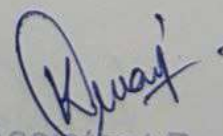
Maharashtra State Electricity Distribution Company Limited
O & M Circle, Wardha

ABSTRACT

ing 01 no. Street Light Connection Having Load 10.05 KW in r/o M/s NHA1 PIU Nagpur at Vg.
apur Dist. Wardha under Jamb Section of Smaudrapur Sub division

Particulars	Qty	Unit	Rate	Material Cost
E 1 ph 3 W.		Kms.		
of Erection of HT Feeder Pillars		Nos.		
HT OH Line with AAAC 55 mm2		Kms.		
A Dist. Transformer	1	No.	164303.53	164303.53
of Erection of LT mini Feeder Pillars				164303.53
Cost of material				164303.53
ction Cost on Material		15%		24645.53
our Charges for dismantling		As Per Sheet		
TOTAL-I		(A+B+C)		188949.06
T on Material Cost and Services (A+D)		18%		29574.64
TOTAL ESTIMATE COST		(D+E)		218523.69
O. Supervision charges (A+D)		15%		52987.89
ST on H.O. Supervision charges (On G)		18%		9537.82
15% Normative charges including GST [G+H]				9378.86
Total Estimated Cost including Normative charges [F] + [I]				290428.26
Say Rs.				290428.26

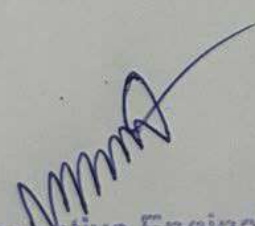

Dy. Executive Engineer
M.S.E.D. Co. Ltd. (O&M)
Samudrapur S/Dn


Assistant Engineer
M.S.E.D. Co. Ltd. Jamb

Maharashtra State Electricity Distribution Company Limited
O & M Circle, Wardha
ABSTRACT

Providing 01 no. Street Light Connection Having Load 6 KW in r/o M/s NHA1 PIU Nagpur at Vg. Samudrapur Dist. Wardha under Jamb Section of Smaudrapur Sub division

Particulars	Qty	Unit	Rate	Material Cost
LINE 1 ph 3 W.		Kms.		3108.64
1 KV HT OH Line with AAAC 55 mm ²		Nos.	ASPER SHEET	34379.98
1 KV SPCP	1	Kms.		164303.53
5 KVA Dist. Transformer		No.	164303.53	
Cost of Erection of LT mini Feeder Pillars				198683.51
Cost of material			15%	29802.53
Erection Cost on Material			As Per Sheet	
Labour Charges for dismantling			(A+B+C)	228486.04
TOTAL-I			18%	35763.03
GST on Material Cost and Services (A+D)			(D+E)	264249.07
TOTAL ESTIMATE COST			15%	64075.43
H.O. Supervision charges (A+D)			18%	11533.58
GST on H.O. Supervision charges (On G)				11341.35
15% Normative charges including GST [G+H]				275590.42
Total Estimated Cost including Normative charges [F] + [I]				275590.42
			Say Rs.	


Dy. Executive Engineer
M.S.E.D. Co. Ltd. (O&M)
Samudrapur S/Dn

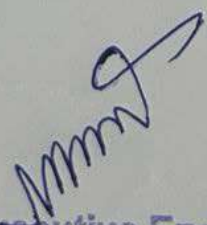

Assistant Engineer
M.S.E.D. Co. Ltd. Jamb

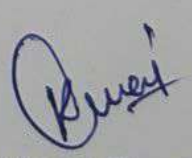
Maharashtra State Electricity Distribution Company Limited
O & M Circle, Wardha

ABSTRACT

providing 01 no. Street Light Connection Having Load 21.5 KW in r/o M/s NHAI PIU Nagpur at Vg. Samudrapur Dist. Wardha under Jamb Section of Smaudrapur Sub division

Particulars	Qty	Unit	Rate	Material Cost
LINE 1 ph 3 W.		Kms.		
Cost of Erection of HT Feeder Pillars		Nos.		
1 KV HT OH Line with AAAC 55 mm ²		Kms.		
3 KVA Dist. Transformer	1	No.		210811.08
Cost of Erection of LT mini Feeder Pillars				
Cost of material				210811.08
Erection Cost on Material		15%		31621.66
Labour Charges for dismantling		As Per Sheet		
TOTAL-I		(A+B+C)		242432.74
GST on Material Cost and Services (A+D)		18%		37945.99
TOTAL ESTIMATE COST		(D+E)		280378.74
H.O. Supervision charges (A+D)		15%		67986.57
GST on H.O. Supervision charges (On G)		18%		12237.58
15% Normative charges including GST [G+H]				12033.62
Total Estimated Cost including Normative charges [F] + [I]				372636.52
			Say Rs.	372636.52


Dy. Executive Engineer
M.S.E.D. Co. Ltd. (O&M)
Samudrapur S/Dn


Assistant Engineer
M.S.E.D. Co. Ltd. Samudrapur S/Dn

Maharashtra State Electricity Distribution Co. Ltd.
O & M Division, Hinganghat

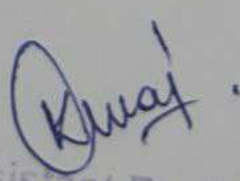
Providing 01 no. Street Light Connection Having Load 6 KW in r/o M/s NHA1 PIU Nagpur at Vg. kati Tal. Samudrapur Dist. Wardha under Jamb Section of Smaudrapur Sub division

Item code No. 0923

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

Description of material	Unit	Qty.	RT/U.Rs.	Amt Rs.
RSJ 116x100, 11 m long	No.	1	15269.85	15269.85
M.S.Channel 75x40x6 mm	Kg.	40	69.93	2797.20
MS angle 50x50x6 mm	Kg.	25	69.93	1748.25
Strain Hardware for Dog0.1 or Equ.AAAC.	No.	6	369.91	2219.45
Disc Insulator 11 KV 70 KN	No.	6	310.01	1860.08
H.T.Stay Set	No.	2	807.30	1614.60
G.I.Stay Wire 7/4mm(8 SWG)	Kg.	13	71.81	933.56
Earthing Sets H.T	No.	1	461.70	461.70
G.I.Wire 8 SWG/ 6 SWG	Kg.	2	71.75	143.50
G.I.Barbed Wire 'A' type.	Kg.	2	80.34	160.68
Danger Board in yard.	No.	1	57.50	57.50
Black Bituminus Paint	Ltr.	0.5	97.75	48.88
Red Oxide Paint for 2 coats	Ltr.	1.5	97.75	146.63
Aluminium Paint for 1 coat	Ltr.	1	129.95	129.95
Concreting ration 1:3:6	Cmt.	1.5	3935.10	5902.65
Sundries	LS	1	885.50	885.50
Cost of material				34379.98


Dy. Executive Engineer
M.S.E.D. Co. Ltd.(O&M)
Samudrapur S/Dn


Assistant Engineer
M.S.E.D.Co.Ltd. Samb
Samb

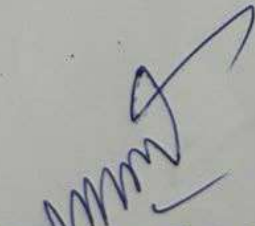
Maharashtra State Electricity Distribution Co. Ltd.
O & M Division, Hinganghat

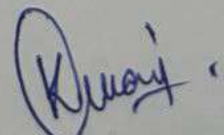
Providing 01 no. Street Light Connection Having Load 6 KW in r/o M/s NHAU PIU Nagpur at
Kati Tal. Samudrapur Dist. Wardha under Jamb Section of Smaudrapur Sub division

Item Code No. 1603

25 KVA Dist. Transformer centers on 100x116mm, 9 mtrs RSJ poles with MCCB Dist. Box.

Description of Material	Unit	Qty.	RT/U Rs.	Amount
11 / 433 KV 25 KVA Transformer	No.	1	58891.25	58891.25
RSJ 116x100, 9 m long	No.	2	12492.90	24985.80
MS Channel 100x50x6 mm	Kg.	100	69.93	6993.00
M.S.Channel 75x40x6 mm	kg.	44	69.93	3076.92
5 MS angle 50x50x6 mm	kg.	22	69.93	1538.46
6 M.S.Flat 50 x 6 mm	kg.	24	65.48	1571.40
7 11 kV Pin Insulators with G.I. Pins	NO.	3	108.66	325.98
8 Strain Hardware for Dog0.1 or Equ.AAAC.	No.	3	369.91	1109.73
9 L.T.Dist.Boxes 25/63 KVA with MCCB	No.	1	13497.00	13497.00
10 L.As. 11 KV (Gapless type) with disconnector	Set.	1	1458.20	1458.20
11 H.T.Stay Set	No	4	807.30	3229.20
12 G.I.Stay Wire 7/4mm(8 SWG)	kg.	25	71.81	1795.31
13 Earthing Sets H.T	No.	3	461.70	1385.10
14 11KV H.G.Fuses	Set.	1	2356.80	2356.80
15 11KV A.B. Switch, 400 A	No.	1	11088.00	11088.00
16 Danger Board in yard.	No.	2	57.50	115.00
17 G.I.Wire 8 SWG/ 6 SWG	Kg.	25	71.75	1793.75
18 G.I.Barbed Wire 'A' type.	kg.	15	80.34	1205.06
19 Concreting ration 1:3:6	CMT.	2	3935.10	7870.20
20 Painting/Hardware & support with numbering of pole	L.S.	1	258.75	258.75
21 DTC Metring with Box, single core L.T. XLPE cable (16 sq.mm., 120 mtr length) and other allied material.	No.	1	13303.92	18873.12
22 Sundries	L.S.	1	885.50	885.50
				164303.53


Dy. Executive Engineer
M.S.E.D. Co. Ltd.(O&M)
Samudrapur S/Dn


Assistant Engineer
M.S.E.D.Co.Ltd. Jamb

**Maharashtra State Electricity Distribution Co. Ltd.
O & M Division, Hinganghat**

providing 01 no. Street Light Connection Having Load 21.5 KW in r/o M/s NHA PIU Nagpur at Vg. Ubda Tal.
Samudrapur Dist. Wardha under Jamb Section of Smaudrapur Sub division

Item Code No. 1202

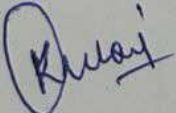
POLE MOUNTED DISTRIBUTION TRANSFORMER SUB-STATION 63KVA, 11/0.433 KV ON 9 mtr RSJ POLE

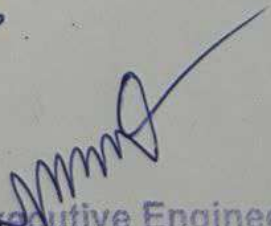
Description of Material	Unit	QTY	RT/U.Rs.	Amt Rs.
transformer 63kva, 11/4kv	No.	1	107770.00	107770.00
116x100, 9 m long	No.	2	12492.90	24985.80
Channel 100x50x6 mm	Kg.	100	69.93	6993.00
S.Channel 75x40x6 mm	kg.	44	69.93	3076.92
S angle 50x50x6 mm	kg.	22	69.93	1538.46
S.Flat 50 x 6 mm	kg.	24	65.48	1571.40
11 kV Pin Insulators with G.I. Pins	NO.	3	108.66	325.98
strain Hardware for Dog0.1 or Equ.AAAC.	No.	3	369.91	1109.73
T.Dist.Boxes 25/63 KVA with MCCB	No.	1	13497.00	13497.00
As. 11 KV (Gapless type) with disconnector	Set.	1	1458.20	1458.20
H.T.Stay Set	No.	4	807.30	3229.20
G.I.Stay Wire 7/4mm(8 SWG)	kg.	25	71.81	1795.31
Earthing Sets H.T	No.	3	461.70	1385.10
11KV H.G.Fuses	Set.	1	2356.80	2356.80
11KV A.B. Switch, 400 A	No.	1	11088.00	11088.00
Danger Board in yard.	No.	2	57.50	115.00
G.I.Wire 8 SWG/ 6 SWG	Kg.	25	71.75	1793.75
G.I.Barbed Wire 'A' type.	kg.	15	80.34	1205.06
Concreting ration 1:3:6	CMT.	2	3935.10	7870.20
Painting/Hardware & support with numbering of pole	L.S.	1	258.75	258.75
DTC Metring with Box, single core L.T. XLPE cable (35 sq.mm., 120 mtr length) and other allied material.	No.	1	16501.92	16501.92
Sundries	L.S.	1	885.50	885.50

Cost of material

210811.08

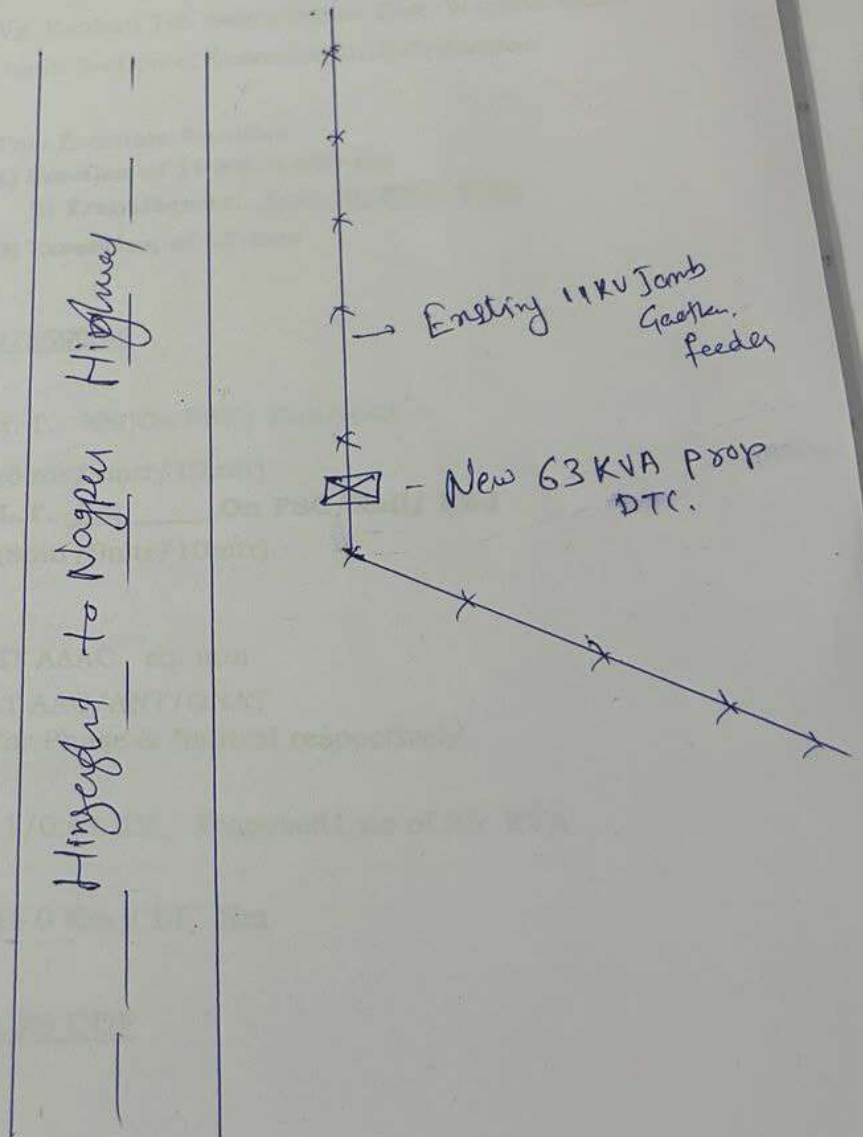
**Executive Engineer
O&M, Division, MSEDCL, Hinganghat**


Assistant Engineer
M.S.E.D.Co.Ltd. Jamb

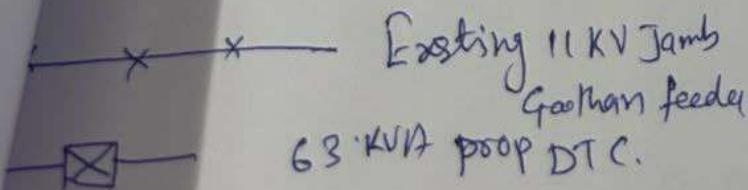

Dy. Executive Engineer
M.S.E.D. Co. Ltd.(O&M)
Samudrapur S/Dn

Maharashtra State Electricity Distribution Co. Ltd.
O & M Division, Hinganghat

Adding 01 no. Street Light Connection Having Load 21.5 KW in r/o M/s NHAU PIU Nagpur at Vg. Ubda Tal.
Samudrapur Dist. Wardha under Jamb Section of Smaudrapur Sub division



Index

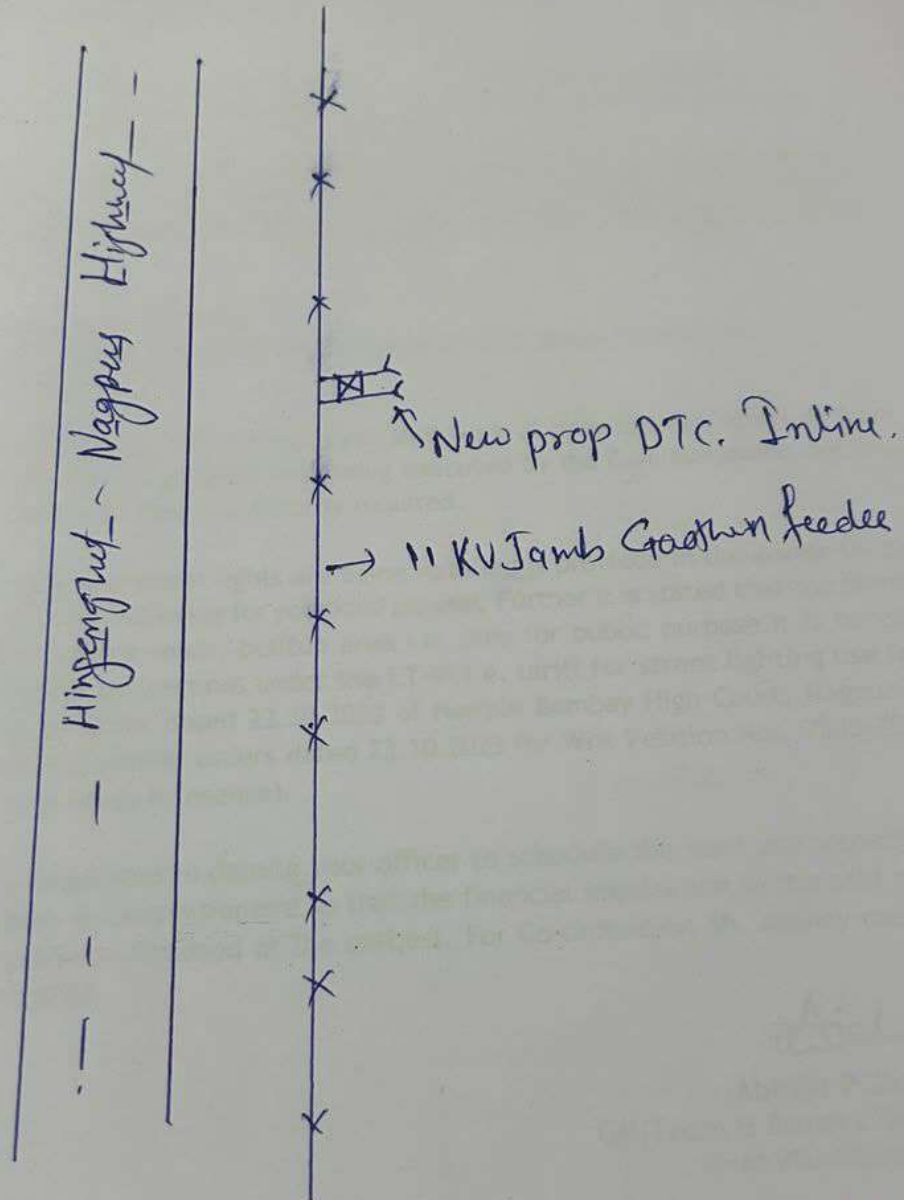


Dy. Executive Engineer
M.S.E.D. Co. Ltd. (O&M)
Samudrapur S/On

Assistant Engineer
M.S.E.D. Co. Ltd. Jamb

Maharashtra State Electricity Distribution Co. Ltd.
O & M Division, Hinganghat

01 no. Street Light Connection Having Load 10.05 KW in r/o M/s NHA PIU Nagpur at Vg. Jamb Tal.
Samudrapur Dist. Wardha under Jamb Section of Smaudrapur Sub division



Index

Existing 11 KV Jamb
Gadhun Feeder
prop 25 KVA DTC.

Kanay

Assistant Engineer
M.S.E.D. Co. Ltd. Jamb

Mmm
Dy. Executive Engineer
M.S.E.D. Co. Ltd. (O&M)
Samudrapur S/Dn