

Sheet No. 1

DHAKSHINANCHAL VIDUT VITRAN NIGAM LTD
Electricity Distribution Division, BAH

Estimate for Giving Supply to Shri. Catur Lal

S/o. Shri. Nanahi Lal

Address. Parma

Jaitpur

Distt- AGRA

Sanction No. 5916

Date. 25-10-23

P. F. No. 100/33/5/2023

Date. 21-10-23

Sanctioned Load 15 B.H.P./K.W./K.V.A. Process PTW

Vide OM No. 5916 Dt. 25-10-23 Name of 33 KV S/S Nogawan

Name of Feeder Nogawan

REPORT


The enclosed estimate amounting to Rs. 134939 = 00 under the head
..... Chargeable to Corp. Chargeable to consumer 134939 = 00
has been framed to cover the cost for construction of 150 Mtr. of 11 KV.
and Mtr of low tension transmission line with 25 KVA
Rural/PTW/Town type S/S for feeding 15 H. P. Load and giving Service
connection to Shri.

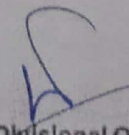
The proposed line be tapped from existing 11KV Nogawan Feeder
feeder at Parma (Place) The details of works involved in the estimate as per U.P.P.C.L.
practice. The supply shall be given by constructing Tee off 11 KV/LT. Line 150 Mtr.
long which shall be tapped from existing Nogawan feeder emanating from
33/11 KV Sub-Station Jaitpur Nogawan Where sufficient spare capacity is available to
cover the load.

The Connection is technically feasible by providing 25 KVA existing 11/0.4 KV SubStation.

The proposed line involves construction of No.
H. T. Cable crossing 0 No. L. T. cable crossing 2 No.
road crossing and 2 No. overhead/underground Railway crossing.

The rates provided in estimate as per current rates of C.E., RESPO Lucknow.


Junior Engineer


Sub-Divisional Officer

Executive Engineer

**ELECTRICITY DISTRIBUTION DIVISION, BAH
ESTIMATE**

Name of Scheme Dipait

ABSTRACT OF COST

Estimate framed by Sub-Divisional officer Jaitpur
 giving supply to shri Chatur Lal S/o Shri Vanshi Lal
 Address Barna Jaitpur Distt. - AGRA
 Load 15 H. P. Persuance of Sanction No. 5916 Date 25-10-23 Process PTD

S. No.	Work Involved	Ch. Head of A/c	Unit cost Total Ch. To Consumer	Total Ch. To Corp.
B. Transmission :-				
1.	11 KV line <u>150 mtr</u> on <u>Supports</u> Vide Appendix No.1		Rs. <u>35000 =</u>	Rs.
D. Distribution :-				
2.	L. T. line <u>.....</u> Km. on <u>Supports</u> Vide Appendix No. 2		Rs.	Rs.
3.	Extra for <u>.....</u> (As per details enclosed)		Rs.	Rs.
			Total Rs.	Rs.
4.	Fixed charges 642/- per H. P.		Rs.	Rs.
5.	System Loading Charges @ <u>.....</u> per KVA		Rs.	Rs.
Length of line chargeable to Corp. <u>.....</u> mt.				
Length of line chargeable to the consumer beyond free limit, Mt.				
(a) 60 Mt. Per H. P. Max to 300 Mt. <u>.....</u> Mt.				
Total <u>.....</u> Mt.				
Amount Payable by the consumer				
(b) Rs. <u>.....</u> /per 10 Mts. or Part thereof				
Length chargeable to him.				
			Rs.	Rs.
C. Transformation :-				
(a) 11/0.4KV Sub-station/T/F <u>25</u> KVA Vide App-3				
			Rs. <u>94582 =</u>	Rs.
(b) Increasing Capacity from <u>.....</u> KVA.				
to <u>.....</u> KVA Vide Appendix-3				
			Rs.	Rs.
D. Distribution :-				
Cost of service line as per details enclosed Vide App-4				
			Rs. <u>1951 =</u>	Rs.
			G. Total Rs.	Rs.

Prepared by: J. E. Checked by: S. D. O. Checked by: D/Man/Computer

Total Amount Rs. 134939 = 00
 Say Rs.

B-Transmission

Appendix No. 1
Sheet No. 3

Estimate for giving supply to Shri. Chaturvedi Lal & Vanahi Lal
 Cost of H. T. Line.....Length of Line 100m 4000 feet

Sl. No.	Particulars	Unit	Rate	Qty.	Amount in Rs.
1.	H. T. Tee Connection with Ex Mains/ Sub Station with (Tee Channel)	-	4550-	01 No	4550 =
2.	P. C. C. pole 8.5 Meter Long	No.	2721-	02 No	5442-
3.	Stone Pad	No.			
4.	11 KV Steel Cross Arm 'v' Type 65x65x6mm	No.	744-	02 No	1488-
5.	Cross Arms Holding Clamps with Nut & Bolts	No.	304-	02 No	608-
6.	11 KV Pin Insulators	No.			
7.	11 KV pins with nut	No.	268-	06 No	1608-
8.	F-bracket for fixing top Insulator Nut & bolts	No.	265-	02 No	530-
9.	Phase wire 'Weasel' 'ACSR' with 3% sag <u>150x3+3x. = 463.5</u>	Km.	23.98	46.4 mtr	11120.72.
10.	Alluminium tap (77-64 mm)	Kg.			
11.	Alluminium binding wire (55 mm dia)	Kg.			
12.	Barbed wire G.I.	Kg.			
13.	Earthing complete	No.	838-	02 No	1676-
14.	Extra for stays/Road/River/Line/ Tel Line/x-ing Ex Concreting	No.			
15.	Extra For section D/pole complete work accessories	No.			
16.	Stay Set complete	No.			
17.	Concreting of Supports	No.			
18.	Cartage.....	Per KM			
19.	Erection charges	Per KM			
<p><u>35100 = 00</u></p> <p><u>35100 = 00</u></p>					
				Total Rs.	27028.72
				Rs.	810.86
				Total Rs.	27839.58
				Rs.	9187.06
				Total Rs.	37026.64
				Total Rs.	37026.64

Cost of 11KV line @ 336 per 150mtr
35100 = 00

Prepared by :
[Signature]

Checked by :
[Signature]

C-Transformation

Chaturital slo lanshihal Parma

Sl. No.	Particulars	Unit	Rate	Qty.	Amount in Rs.
1.	A- Cost of New T/F 100 KVA. 11/0.4 KV T/F	No.		01	
2.	63 KVA. 11/0.4 KV T/F	No.		01	
3.	25 KVA. 11/0.4 T/F	No.	01306	01	94582.00
4.	10 KVA. 11/0.4 T/F	No.		01	
	16 KVA. 11/0.4 T/F	No.		01	
	P. C. C. Pole 1.5 M. Long	Nos.		02	
	MS Top channel	No.		01	
	Stone pad	Nos.		02	
	Dropper Channel	No.		01	
	M. S. Angle	Nos.		02	
	Stay Complete	Nos.		02	
	Pin Insulater with Pin	Nos.		03	
	Disc Insulater with fitting	Nos.		03	
	Holding Clamps for Top Channel TPMO & Fuse Set with Nuts & Bolts	Nos.		10	
	Earthing Complete	Nos.		02	
	Allu. Binding wire, Danger Board	No.		01	
	TPMO Swich complete	No.		01	
	11 KV Fuse Set	No.		01	
	L.T.PVC Cable	4x16			
	"	3.5x70			
	"	3.5x150			
	Concreting of Pole	Nos.		02	
	Cartage Charges	L.S.			
	Errection Charges	L.S.			
	3% Contegency	.....	.....		Total Rs. 94582.00
	1.5% T & P+31.5% O.H. Charges= 33%	.....	.....		.....Rs.
					Total Rs.
					.....Rs.
					G. Total

Str. Chaturtal S/o. Manshital

Village Sarna P. O. Gaitpur

Sr.	Particulars	Unit Nos	Rate	Qty.	Ch. to Corp.	Ch. to Consumer
-----	-------------	----------	------	------	--------------	-----------------

1. L.C. Cut out
 - (a) 30 Amp No.
 - (b) 15 Amp No.
2. Fixed Charges for PTW for Industrial No. 1
- PVC Cable Size - 4 x 6 / 4 x 16 M 15m
- Variable charge
- System loading charges KVA
- KWH meter 3 Ph.x4W
- xAmp. No.
- Earthing of Meter L.S.
- Labour for installation of Meter L.S.

4957 = 00

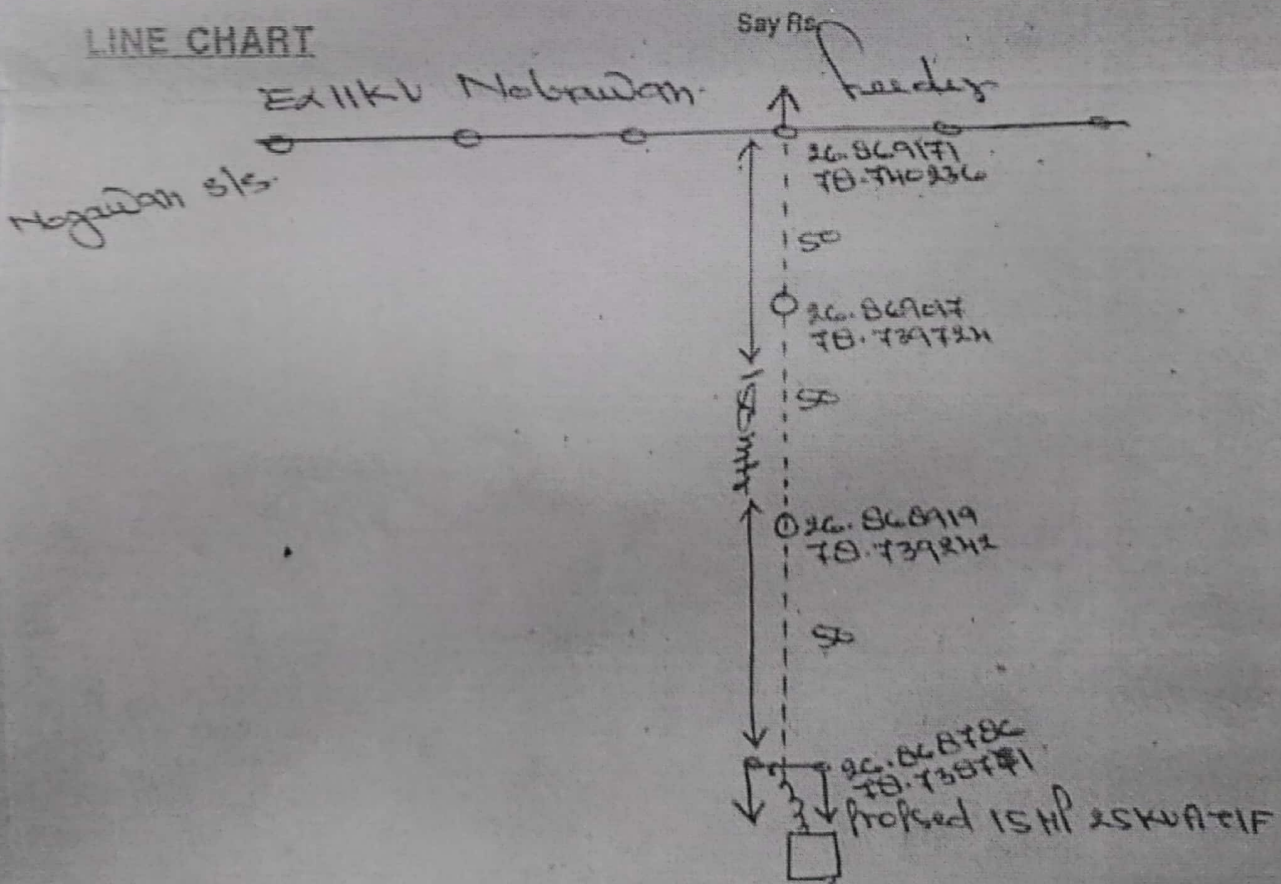
Total Rs. 4957 = 00
Rs.

3% Contingency

1.5% T & P + 31.5% O.H. Charges = 33%

G. Total Rs.

LINE CHART



- | | | | |
|--|-------|--|-------|
| 1. Length of H. T./L. T. Line | ..... | 5. Existing load on S/S | ..... |
| 2. No. of Support PCC Pole 8.5 mt long | ..... | 6. Existing Consumers | ..... |
| 3. Capacity Existing T/F | ..... | 7. Proposed loads | ..... |
| 4. Capacity of Proposed T/F | ..... | 8. Existing phase conductor on the exiting L.T./H. T. Line | ..... |

[Signature]
Jr. Engineer

[Signature]
S.D.O.

Executive Engineer