

Survey Order No. - 2333, 04/5/83

Sheet No. 1

# DHAKSHINANCHAL VIDUT VITRAN NIGAM LTD

Electricity Distribution Division, BAH

Estimate for Giving Supply to Shri

Application No

1003237411

Address

Sanction No	
Date	
P. F. No	
Date	

Dist- AGRA

Sanctioned Load RHP/KW/KVA Process

Vide OI No. DI Name of 33 KV S/S

Name of Feeder

## REPORT

104928-0

The enclosed estimate amounting to Rs. 1,04,700 under the head Chargeable to Corp. Chargeable to consumer

has been framed to cover the cost for construction of Mtr. of 11 KV. and Mtr. of low tension transmission line with

Rural/PTW/Town type B/S for feeding H. P. Load and giving Service connection to Shri

The proposed line be tapped from existing feeder at (Place) The details of works involved in the estimate as per U.P.C.L.

practice. The supply shall be given by constructing Tee off 11 KV/LT. Line Mtr long which shall be tapped from existing feeder emanating from

33/11 KV Sub-Station Where sufficient spare capacity is available to cover the load.

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

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

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

Junior Engineer

Sub-Divisional Officer

Executive Engineer

**ELECTRICITY DISTRIBUTION DIVISION, BAH  
ESTIMATE**

107

Name of Scheme .....

**ABSTRACT OF COST**

Particulars framed by Sub-Divisional officer .....  
 phasing supply to what ..... No. of Dist. .....  
 Address ..... Dist. .....  
 Load ..... H. P. Performance of sanction No. ..... Date ..... District .....

- B. No. Work Involved Ch. Head of A/c
- A. Transmission :-**
- 11 KV line ..... Vido Appendix No. 1  
Ch. ..... Supports.
- B. Distribution :-**
- L. T. line ..... Km. Vido Appendix No. 2  
Ch. ..... Supports.
  - Extra for ..... (As per details enclosed)
- 4. Fixed charges 642/- per H. P.**
- 5. System Loading Charges @ ..... per KVA**  
 Length of line chargeable to Corp. ..... Mi.  
 Length of line chargeable to the consumer beyond free limit, Mi.  
 (a) 60 Mi. Per H. P. Max to 300 Mi. ..... Mi.  
 Total ..... Mi.  
 Amount Payable by the consumer  
 (b) Rs. ..... / per 10 Mts. or Part thereof  
 Length chargeable to him.
- C. Transformation :-**
- (a) 11/0.4KV Sub-station/T/F ..... KVA Vido App-3
  - (b) Increasing Capacity from ..... KVA  
to ..... KVA Vido Appendix-3
- D. Distribution :-**  
 Cost of service line as per details enclosed Vido App-4

Unit cost	
Total	Total
Ch. To	Ch. To
Consumer	Corp.
No. <u>.....</u> Rs. <u>.....</u>	
<u>5389 = 00</u>	
No. <u>.....</u> Rs. <u>.....</u>	
No. <u>.....</u> Rs. <u>.....</u>	
<u>.....</u>	<u>.....</u>
<b>Total No.</b>	<b>Rs.</b>
Rs. <u>.....</u>	Rs. <u>.....</u>
Rs. <u>4057</u>	Rs. <u>.....</u>

No. <u>.....</u> Rs. <u>.....</u>
Rs. <u>94582 = 00</u>
No. <u>.....</u> Rs. <u>.....</u>
No. <u>.....</u> Rs. <u>.....</u>
No. <u>.....</u> Rs. <u>.....</u>

G. Total Rs. 99,170 Rs. 104928 = 00

Total Amount Rs. 1,04,928

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

Say Rs. Say 1,10,4928 = 00

Estimate Sanctioned to Rs. 104928 = 00  
 (Rs. one lac four thousand nine hundred  
 Ch Head. PTW Deposit Just right ~  
 Ch to Consumers Rs. 104928 = 00  
 Ch to UPPC Rs. .....  
 S.No. 17 of Year 2023-24

Computer

Ex Engineer

# B-Transmission

Estimate for giving supply to Shri. मानाजी जी प्रेम सिंह  
 Cost of H. T. Line ₹ 5389.25 Length of Line 1.0075

Sl. No.	Particulars	Unit	Rate	Qty.	Amount in Rs.
1.	H. T. Tee Connection with Ex Mains/ Sub Station with (Tea Channel)	No.	45.50	01	45.50
2.	P. C. C. pole 8.5 Meter Long	No.	-	-	-
2.	Stone Pad	No.	-	-	-
4.	11 KV Steel Cross Arm 'V' Type 65x65x6mm	No.	-	-	-
5.	Cross Arms Holding Clamps with Nut & Bolts	No.	-	-	-
6.	11 KV Pin Insulators	No.	-	-	-
7.	11 KV pins with nut	No.	-	-	-
8.	F-bracket for fixing top Insulator Nut & bolts	No.	-	-	-
9.	Phase wire 'Weasel' 'ACSR' with 3% sag <u>10x3+5</u>	Km. <u>km</u>	23.90	35	<del>839 = 30</del> <u>839 = 30</u>
10.	Aluminium tap (77-64 mm)	Kg.	-	-	-
11.	Aluminium binding wire (55 mm dia)	Kg.	-	-	-
12.	Barbed wire G.I.	Kg.	-	-	-
13.	Earthing complete	No.	-	-	-
14.	Extra for stays/Road/River/Line/ Tel Line/ing Ex Concreting	No.	-	-	-
15.	Extra For section Dipole complete work accessories	No.	-	-	-
16.	Stay Set complete	No.	-	-	-
17.	Concreting of Supports	No.	-	-	-
18.	Cartage	Per KM	-	-	-
19.	Erection charges	Per KM	-	-	-
20.	3% Contingency				Total Rs. Rs. <u>5389 = 30</u>
21.	15% T & P + 31.5% O. H. Charges = 33%				Total Rs. Rs.
<u>Sayb</u> <u>₹ 5389 = 00</u>					Total Rs. <u>₹ 5389.25</u>

Prepared by :

Checked by :

J. E.

S. O.

Executive Engineer

# C-Transformation

Appendix No. 3  
Sheet No. 4

Particulars	Unit	Rate	Qty.	Amount In Rs.
1. A- Cost of New T/F	No.		01	
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.		01	
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 Insulator with Pin	Nos.		03	
Disc Insulator with fitting	Nos.		03	
Holding Clamps for Top Channel TPMS	Nos.		10	
& Fuse Set with Nuts & Bolts	Nos.		02	
Earthing Complete	No.		01	
Allu. Binding wire, Danger Board	No.		01	
TPMS Switch complete	No.		01	
11 KV Fuse Set	No.		01	
LT.PVC Cable	4x16			
"	3.5x70			
"	3.5x150			
Concreting of Pole	Nos.		02	
Cartage Charges	L.S.			
Erection Charges	L.S.			
3% Contingency				
1.5% T & P + 1.5% O.H. Charges = 33%				
Total Rs.				
.....Rs.				
Total Rs.				
.....Rs.				
G. Total				94582

with S/S complete  
@ 94582 = 0

01 No 94582 = 0

As per cost Data  
Book on 01/01/19

94582

Said, 94582 = 0

Prepared by :

J. E. A.

Checked by :

S. D. O.

Executive Engineer

Single Line Diagram showing the arrangement with details for giving supply to

Sht. No. 10/10/10  
 Village Wade S/o Pran Singh  
 P. O. Pan

APPENDIX-4  
 Sheet No. 5

Sl.	Particulars	Unit Nos	Rate	Only.	Ch. to Corp.	Ch. to Consumer
1.	I. 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	No.		1		
	Variable charge	M		15m		
	System loading charges	KVA				
	KWH meter 3 Ph.x4W					
	x ..... x ..... Amp.	No.				
	Earthing of Meter	L.S.				
	Labour for Installation of Meter	L.S.				

4957 = 00

Total Rs. 4957 = 00  
 Rs.

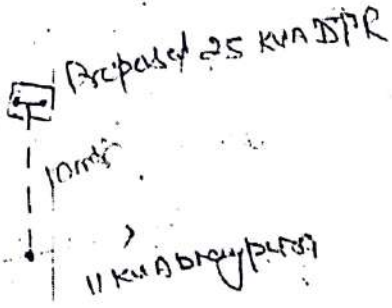
G. Total Rs.

Say Rs. Say, 4957 = 00

de! cable provide by Consumer

3% Contingency  
 1.5% T & P + 31.5% O.H. Charges = 33%

LINE CHART



- Length of H.T./L.T. Line
- No. of Support PCC Pole 8.5 mt long
- Capacity Existing T/F
- Capacity of Proposed T/F

10mts  
02  
25 KVA

- Existing load on S/S
- Existing Consumers
- Proposed loads
- Existing phase conductor on the existing L.T./L.T. Line

  
 Jr. Engineer

  
 S.D.O.

Executive Engineer