

# DHAKSHINANCHAL VIDUT VITRAN NIGAM LTD

Electricity Distribution Division, BAH

Estimate for Giving Supply to Shri. Shri. Mohan Devi w/o Radheshyam

S/o. Shri. ....  
Address M.P.C. Jagan  
Post: Jagan  
.....  
Dist- AGRA

Sanction No. ....
Date .....
P. F. No. <u>1048320470</u>
Date <u>06.10.2023</u>

Sanctioned Load 1.5 HP U.I.P./K.W./K.V.A. Process LTN 105  
Vide OM No. .... Dt. .... Name of 33 KV S/S Jagan  
Name of Feeder 11 KV feeder on Bichala PTW

## REPORT

The enclosed estimate amounting to Rs. 102790500 under the head  
..... Chargeable to Corp. .... Chargeable to consumer 102790200

has been framed to cover the cost for construction of 10 mtr Mtr. of 11 KV.  
and ..... Mtr of low tension transmission line with.....

Rural/PTW/Town type S/S for feeding 1.5 HP H. P. Load and giving Service  
connection to Shri. Mohan Devi w/o Radheshyam

The proposed line be tapped from existing 11 KV Bichala PTW  
feeder at Jagan (Place) The details of works involved in the estimate as per U.P.C.L

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

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

The Connection is technically feasible by providing 5.5 KW KVA existing 11/0.4 KV Sub Station.

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

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

Junior Engineer

Sub-Divisional Officer

Executive Engineer

ELECTRICITY DISTRIBUTION DIVISION, BAH  
ESTIMATE

1008330470

Name of Scheme: Deposit

ABSTRACT OF COST

Estimate framed by Sub-Divisional officer: J. Bab Agaa  
 giving supply to shet: Stol, Mirar Jui po hnd w/o Padreshkya  
 Address: VILL: Jaran  
 Loc: 15 H. P. Permissible at Demand No: \_\_\_\_\_ Date: \_\_\_\_\_ Process: LDU-05

S. No.	Work Involved	Ch. Head of A/c	Unit cost	
			Total Ch. To Consumer	Total Ch. To Corp.
1.	11 KV line <u>1.0 Km</u> <u>Vide Appendix No. 1</u>		Rs. <u>7251</u>	Rs. _____
	Supports		Rs. _____	Rs. _____
2.	Distribution			
2.1	L. T. line _____ Km <u>Vide Appendix No. 2</u>		Rs. _____	Rs. _____
	Supports		Rs. _____	Rs. _____
2.2	Extra lot _____ (As per details enclosed)		Rs. _____	Rs. _____
			<u>Total Rs. 7251</u>	Rs. _____
4.	Fixed charges @ 20/- per H. P.		Rs. <u>2057</u>	Rs. _____
5.	System Loading Charges @ _____ per KVA		Rs. _____	Rs. _____
	Length of line chargeable to Corp. _____ mt.			
	Length of line chargeable to the consumer beyond free limit, ML			
	@ 40 ML Per H. P. Max to 300 ML _____ ML			
	Total _____ ML			
	Amount Payable by the consumer			
	Rs. _____ per 10 Mts. or Part thereof		Rs. _____	Rs. _____
	Length chargeable to him.			
6.	Transformation			
(a)	110 KV Sub-station/TTF <u>IS</u> _____ KVA <u>Vide App-3</u>		Rs. <u>94582</u>	Rs. _____
(b)	Increasing Capacity from _____ KVA to _____ KVA <u>Vide Appendix-3</u>		Rs. _____	Rs. _____
7.	Distribution			
	Cost of service line as per details enclosed <u>Vide App-4</u>		Rs. _____	Rs. _____
			<u>G. Total Rs. 106700</u>	Rs. _____

Supervised by: \_\_\_\_\_ Checked by: \_\_\_\_\_ Checked by: \_\_\_\_\_

Total Amount Rs. 106700 104832=00

*[Signature]*

S. D. O. DDM&C Computer

Say Rs. \_\_\_\_\_

106700=00 104832=00

Rs. 104832=00  
 One hundred and Eight thousand 104832=00  
 Only 104832=00

Ch. Head \_\_\_\_\_  
 Ch. to Consumers Rs. \_\_\_\_\_  
 Ch. to UPFC Rs. \_\_\_\_\_  
 S.No. \_\_\_\_\_ of Year \_\_\_\_\_

*[Signatures]*

# B-Transmission

Estimate for giving supply to Sht. Mohan doul 10/2 Radheshyam  
 Cost of H. T. Line 7,251,200 Length of Line 10 ml x

Sl. No.	Particulars	Unit	Rate	Qty.	Amount In Rs.
1.	H. T. Tee Connection with Ex. Main rd Sub Station with (Tee Channel)	No.	4550	03	4550200
2.	P. C. C. pole 8.6 Meter Long	No.			
3.	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.	E-Bracket for fixing top insulator Nut & bolts	No.			
9.	Phase wire "Weaver" ACSR with 3% sag <u>10 X 3 + 3 X 3 = 31 mm<sup>2</sup></u>	Km.	23=08	31	743=38
10.	Aluminium top (77-64 mm)	Kg.			
11.	Aluminium binding wire (5.5 mm dia)	Kg.			
12.	Barbed wire G.I.	Kg.			
13.	Earthing complete	No.			
14.	Extra for stays/ Road/ River/ Liner Tel Linex-ing Ex Concreting	No.			
15.	Extra For section D/pole complete work accessories	No.			
16.	Slay Set complete	No.			
17.	Concreting of Supports	No.			
18.	Cartage	Per Km			
19.	Erection charges	Per Km			
					Total Rs. 5293=38
					Rs. 158=79
					Total Rs. 5452=00
					Rs. 1799=00
20.	3% Contingency				
21.	1.5% T & P + 31.5% O. I. Charges = 33%				
					Total Rs. 7251=00

Prepared by :

Checked by :  
S. D. O.

Executive Engineer

# C-Transformation

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	<div style="font-size: 2em; font-weight: bold;">94582200</div>
2.	63 KVA. 11/0.4 KV T/F	No.		01	
3.	25 KVA. 11/0.4 T/F <i>100% by S/S complete</i>	No.		01	
4.	10 KVA. 11/0.4 T/F	No.		01	
	16 KVA. 11/0.4 T/F	No.		01	
	P. O. 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	
	Slay Complete	Nos.		02	
	Pin Insulator with Pin	Nos.		03	
	Disc Insulator with fitting	Nos.		03	
	Holding Clamps for Top Channel TPMS & Fuse Set with Nuts & Bolts	Nos.		10	
	Earthing Complete	Nos.		02	
	All. Blading wire, Danger Board	No.		01	
	TPMS Switch 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.			
	Erection Charges	L.S.			
	3% Contingency				94582200
	10% P & R + 5% G.H. Charges (15%)				94582200
					G. Total 94582200

As per Cost Data Book  
20/07/08

Prepared by:



Checked by:

B. D. O.



Executive Engineer

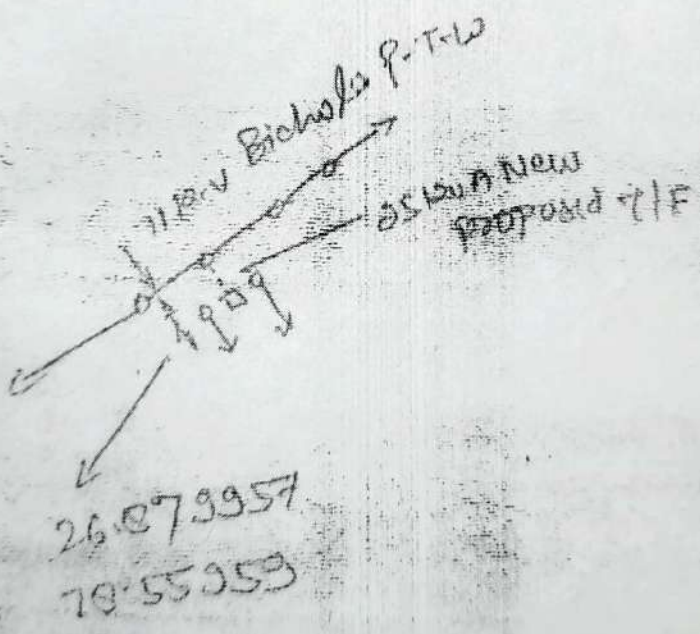
Electrical showing the arrangement with details for giving supply to  
 Mahandoli P. O. Redheshwar  
 APPENDIX - 1  
 sheet No 5

Particulars	Unit No.	Rate	Qty.	Ch. to Corp.	Ch. to Consumer
1. C. Cut out	No.				
(a) 30 Amp	No.				
(b) 15 Amp	No.				
2. Fixed Charges for PTW for industrial	No.				
PVC Cable Size - 4 x 6 / 4 x 10	No.	4957	1		4957
Variable charge	M		1		
System loading charges			10m		
KWH meter 3 Ph x 4W	KVA				
Existing of Meter	No.				
Existing of Meter	L.S.				
Labour for installation of Meter	L.S.				

5% Contingency  
 1.5% T & P + 1.5% O.H. Charges = 3%

Total Rs.	4957
Rs.	
G. Total Rs.	4957
Bay Rs.	4957

LINE CHART



- |  |  |
|--|--|
| 1. Length of H.T. 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 existing L.T. T. Line |

Jr. Engineer

S.D.O. Executive Engineer