

DHAKSHINANCHAL VIDUT VITRAN NIGAM LTD

Electricity Distribution Division, BAH

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

S/o. Shri.

Address N.M.C. Jaran

Post - Jaran

Distt- AGRA

Sanction No.

Date.

P. F. No. 1002320490

Date. 06.10.2023

Sanctioned Load 1 SH.P B.H.P./K.W./K.V.A. Process LTN 05

Vide OM No. Dt. Name of 33 KV S/S. Jaran

Name of Feeder 11 KV feeder Bichole PTW

REPORT

The enclosed estimate amounting to Rs. 106790500 under the head
.....Chargeable to Corp.Chargeable to consumer 106790500
has been framed to cover the cost for construction of 1.0 mtr Mtr. of 11 KV.
and.....Mtr of low tension transmission line with.....
Rural/PTW/Town type S/S for feeding 1 SH.P H. P. Load and giving Service
connection to Shri. Mohandewi w/o Radheshyam

The proposed line be tapped from existing 11 KV Bichole PTW
feeder at Jaran (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 11 KV feeder Bichole feeder emanating from
33/11 KV Sub-Station Jaran PTW Where sufficient spare capacity is available to
cover the load.

The Connection is technically feasible by providing 2.5 KV/A 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., RESPO Lucknow.


Junior Engineer

Sub-Divisional Officer

Executive Engineer

B-Transmission

Estimate for giving supply to Shri. Mohan dewi w/o Radheshyam
 Cost of H. T. Line. 7251.00 Length of Line 10 mtr

Sl. No.	Particulars	Unit	Rate	Qty.	Amount In Rs.
1.	H. T. Tee Connection with Ex Mains/ Sub Station with (Tee Channel)	No.	4550	01	4550.00
2.	P. C. C. pole 8.5 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.	F-bracket for fixing top Insulator Nut & bolts-	No.			
9.	Phase wire 'Weasel' 'ACSR' with 3% sag $10 \times 3 + \frac{80 \times 3}{10} = 31 \text{ mtr}$	Km.	23.98	31	743.38
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.			
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			
				Total Rs.	5293
20.	3% Contegency			Rs.	158.79
				Total Rs.	5452.00
21.	1.5%T & P + 31.5% O. H. Charges = 33%			Rs.	1799.00
				Total Rs.	7251.00

Prepared by :



G. E.

Checked by :

S. D. O.

Executive Engineer

Single Line Diagram showing the arrangement with details for giving supply to
 Shri. Mahandou Sto. No. 10 Radheshyam
 Village Jaran P. O. Jaran

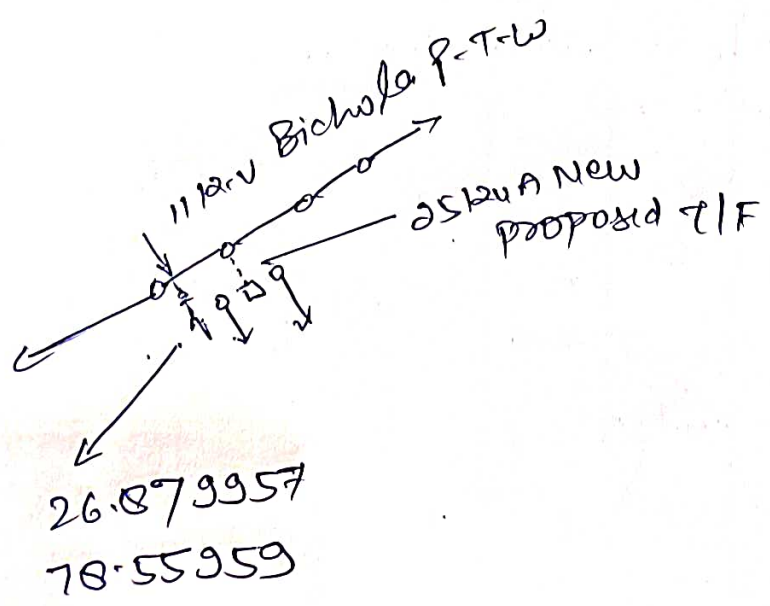
APPENDIX - 4
 Sheet No 5

Sl.	Particulars	Unit No.	Rate	Qty.	Ch. to Corp.	Ch. to Consumer
1.	I. C. Cut out	No.				
	(a) 30 Amp	No.				
	(b) 15 Amp	No.				
2.	Fixed Charges for PTW for Industrial	No.	4957	1		4957
	PVC Cable Size - 4 x 6 / 4 x 16	M		1		
	Variable charge			15m		
	System loading charges	KVA				
	KWH meter 3 Ph.x4W	No.				
	x .....x.....Amp.	No.				
	Earthing of Meter	L.S.				
	Labour for Installation of Meter	L.S.				

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

Total Rs. 4957
 Rs.
 G. Total Rs. 4957
 Say Rs. 4957

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..... | ..... |

Jr. Engineer

S.D.O.

Executive Engineer

C-Transformation

Sl. No.	Particulars	Unit	Rate	Qty.	Amount In Rs.
1.	<u>A- Cost of New T/E</u>	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 with S/S Complete	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 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.			
					94582.00
	3% Contegency	.....	.....	.....Rs.	
					94582.00
	1.5% T & P+31.5% O.H. Charges= 33%	.....	.....	.....Rs.	
					94582.00
				G. Total	94582.00

Prepared by :

J.E.

Checked by :

S. D. O.

Executive Engineer

**ELECTRICITY DISTRIBUTION DIVISION, BAH
ESTIMATE**

No. 2

1008330470

Name of Scheme Deposit

ABSTRACT OF COST

Estimate framed by Sub-Divisional officer J. Bah Agra
giving supply to shrt. srat. Mohan devi S/o BHM. W/o Padheshyam
Address Villa - Janan Distt. - AGRA
Load 15 H. P. Peruance of Sanclion No. Date Process 15.04.05

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 10 route vide Appendix No.1 on Supports. Rs. 7251 Rs.

D. Distribution :-

2. L. T. line Km. Vide Appendix No. 2 on Supports. Rs. Rs.
3. Extra for (As per details enclosed) Rs. Rs.

Total Rs. 7251 Rs.
Rs. 4957 Rs.
Rs. Rs.

4. Fixed charges 642/- per H. P.
5. System Loading Charges @ _____ per KVA
Length of line chargeable to Corp. mt.
Length of line chargeable to the consumer beyond free limit, Mt.
(a) 60 Mt. Per H. P. Max to 300 Mt. Mt.
Total Mt.
Amount Payable by the consumer
(b) Rs. _____/per 10 Mts. or Part thereof Length chargeable to him.

Rs. Rs.

C. Transformation :-

(a) 11/0.4KV Sub-station/T/F. 25 KVA Vide App-3
(b) Increasing Capacity from KVA to KVA Vide Appendix-3

Rs. 9450200 Rs.

D. Distribution :-

Cost of service line as per details enclosed Vide App-4

G. Total Rs. 106790 Rs.

Prepared by: _____ Checked by: _____ Checked by: _____

Total Amount Rs. 10679000

J. E.

S. D. O.

D/Man/Computer

Say Rs. 10679000