

DAKSHINANCHAL VIDUT VITARAN NIGAM LTD.
ELECTRICAL DISTRIBUTION ORAI II
ESTIMATE

Name of work-	Construction of 11 KV Line of PTW of Sri Shri Krishna S/o Sri Nathuram, vill- Kuthonda Khurad, block-Jalaun
Site of work	Vill- Kuthonda Khurad
Name of Feeder	Kushmara S/s Jalaun
Capacity of proposed T/F	25 KVA
Length of line	680 M
Size of conductor	ACSR Weasel
Sanction Load/Sanction No.	10HP/PTW/Re.100, Rn. 1008103131 dt.09.06.2021
Necessity of work	GSC PTW

Transformation/Transmission					
Sl. No.	Material Required	Unit	Qty.	Rate.	Line Cost
1	PCC Pole 8.5 mtr. Long	No	15	2375.00	35625.00
2	M.S. Top channel	No	1	940.00	940.00
3	Holding clamp with N&B	No	18	81.00	1458.00
4	Base angle of T/F	No	2	609.00	1218.00
5	M.S. dropper channel	No	1	840.00	840.00
6	F Clamp with nut & bolt	No	13	219.00	2847.00
7	M.S.T-off channel	No	1	764.00	764.00
8	11KV pin insulator with pin	No	36	104.00	3744.00
9	Transformer 11KV/.440 25 KVA	No	1	56580.00	56580.00
10	ACSR Weasel conductor	Mts	2040	23.98	48919.20
11	G. S. Stay complete	No	5	1648.00	8240.00
12	Earthing complete	No	6	698.00	4188.00
13	11KV TPMS Switch	No	0	6890.00	0.00
14	11 kv stay insulator	No	7	40.00	280.00
15	11KV Disc insulator with fitting	No	6	330.00	1980.00
16	11 KV Steel X arm	No	12	526.00	6312.00
17	11KV fuse set	No	0	3120.00	0.00
18	Construction of line including carriage of material	No	0.68	29190.00	0.00
19	Construction of S/S including carriage of material	No	1	8367.00	0.00
	Concreting of support	No	20	327.00	0.00
	Total				173935.20
	3% contingency chg.				5218.06
	31.5% Establishment & 1.5% T&P				59120.57
	Total				254980.00

Arrange by consumer

Line Chart

11KV line cost = 236 x 680 = 160480

25KV T/F cost =

94582

255062

S.D.

J.E.