

**Bill of material against estimate for augmentation of existing 80mm2 and 50mm2 ACSR with 100mm2 ACSR by providing additional PCC Pole at 11 KV JC-III Feeder from 220 KV S/Stn., Rewari under op S/Divn. City-II Rewari during of the year 2017-18**

Category No.		Augmentation of existing 80mm2 & 50mm2 with 100mm2 ACSR by providing PCC Pole at						
No. of Connections		11 KV JC-III feeder						
Name of Sub Division		City-II Rewari						
Sr. No.	Description of Material	Unit	11 KV JC-III feeder	Qty.	Supply Rate	Supply Rate total	Erection Rate	Erection Total
1	2	3	4	5	6	7	8	9
1	PCC Pole 11 Mtr.	No.	26	26	4720.00	122720.00	346.58	9011.08
2	Stay Sets 8' long complete with X-Plat 460mm of Angle 65x65x6 Elbow & rod Wt. 13.80 Kg.	No.	5	5	807.00	4035.00	111.80	559.00
3	Stay wire 7/8 SWG	Kg.	50	50	54.36	2718.00	5.59	279.50
4	GSL 8 SWG	Kg.	20	20	54.36	1087.20	8.94	178.80
5	M.S Nuts Bolts off sizes	Kg.	300	300	67.00	20100.00	6.71	2013.00
7	Barbed wire	Kg.		0	51.00	0.00	5.59	0.00
8	11 KV Polymeric Pin Insulator with GI Pin	No.	204	204	156.00	31824.00	8.94	1823.76
9	11 KV Polymeric Disc Insulator	No.	90	90	125.00	11250.00	20.12	1810.80
	11 KV Disc for stay	No.	5	5	183.00	915.00	20.12	100.60
10	MS Channel 100x50x6mm SAIL/TATA	Kg.	1000	1000	40.00	40000.00	4.47	4470.00
11	MS Channal 75x40mm SAIL/TATA	Kg.		0	42.12	0.00	4.47	0.00
12	MS Angle Iron 50x50x6mm2 SAIL/TATA	Kg.	150	150	42.12	6318.00	4.47	670.50
13	MS Flat 50x6mm2 SAIL/TATA	Kg.	300	300	44.25	13275.00	4.47	1341.00
14	Half Clamps Wt. 1.47 Kg. HVPN Drg. No. 2380	No.		0	89.00	0.00	8.94	0.00
15	Full Clamps Wt.2.325 Kg. HVPN Drg. No. 2349	No.		0	141.00	0.00	13.42	0.00
16	11 KV 400 Amps. GO Switch complete with handle, pipe & Supporting Channel. As per Nigam's technical specification, relevant ISS and latest amendments	No.	1	1	6500.00	6500.00	670.80	670.80
17	Lighting Arrestor 9 KV	No.		0	432.00	0.00	46.96	0.00
18	GI Strip 25x6 mm 9 mtr. for earthing Wt. 10.80 kg.	No.		0	633.00	0.00	74.91	0.00
19	Earthing rod Wt. 6.175 kg.	No.	2	2	362.00	724.00	150.93	301.86
20	GI Pipe 40mm dia 6 mtr. long for earthing Set-B Class	No.	2	2	1584.00	3168.00	150.93	301.86
21	Caternery wire	Kg.		0	80.00	0.00	5.59	0.00
22	C.I Pipe 250 mm dia 14mm thick for U/G Railway	Mtr.	180	180	1380.00	248400.00	149.82	26967.60
23	SS Strip with adjustable screw	No.		0	60.00	0.00	1.12	0.00
24	Number plate	No.		0	68.00	0.00	7.83	0.00
25	Danger Plate/Number Plate	No.		0	68.00	0.00	7.83	0.00
26	Phase Plate for each phase	Set		0	57.00	0.00		0.00
27	Alluminium thimble off size	No.		0	10.00	0.00		0.00
28	ACSR Conductor 100 mm2 ( Rabbit)	Mtr.	8000	8000	51.00	408000.00	3.35	26800.00
29	wooden cleat	No.	100	100	200.00	20000.00	10.00	1000.00
30	Wooden Coal	Kg.	75	75	20.00	1500.00		0.00
31	Salt	Bag	2	2	100.00	200.00		0.00
32	11 KV CTs 400-200.5	No.	1	1	17377.00	17377.00	1133.70	1133.70
33	11 KV XLPE Cable 3/C 300mm	Mtr.	4000	4000	1067.548	4270192.00	44.72	178880.00
34	LT PVC Cable 3.5Cx95 mm2	Mtr.		0	241.554	0.00	16.77	0.00
35	HT 11 KV XLPE U/G outdoor Heat Shrinkable termination Kit 3Cx300mm Outdoor	No.	40	40	1329.00	53160.00	726.73	29069.20
36	HT 11 KV XLPE U/G indoor Heat Shrinkable termination Kit 3Cx300mm Indoor	No.	4	4	1021.00	4084.00	726.73	2906.92
Total						5287547.20		290289.98
16.5 % Overhead charges						872445.29		
Erection Charges as per Sale Instruction No. 5/2017 issued vide Ch. 188/BD-169/VolVIII dated 28.06.2017						290289.98		
6% Premium as per EOI-9						0.00		
<b>GRAND TOTAL</b>						<b>6450282.47</b>		

**Un Schedule Charges**

1	Transportation & Loading and Unloading of PCC Poles 11 Mtr. long	No.		26	700.00	18200.00		
Total						18200.00		
<b>GRAND TOTAL</b>						<b>6468482.47</b>		

**Xen. Op. Division  
Rewari**

**SDO Op. City-II S/Divn  
Rewari**