

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.****JANAPATH, BHOINAGAR, BHUBANESWAR - 22****[Electrical Division]****Ph: 0674-2541545, 2542921, Fax: 0674-2541543****E-mail :- pmelectricalophwc2021@gmail.com, Website: www.ophwc.nic.in****PRICE BID FOR THE WORK UNDER SL. NO :- 01 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 24X7  
PHC BUILDING AT THAKURGARH OF ATHAMALLIK BLOCK IN THE DISTRICT OF ANGUL.****BID REF NO :- 73/PM/ELECT/OPHWC/2023-24****NAME &  
ADDRESS  
OF THE  
FIRM****SCHEDULE OF WORKS**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
<b>I</b>	<b>CONSTRUCTION OF 11 KV LINE OF LENGTH 0.17 KM .</b>				
<b>A</b>	<b>11 KV CUT POINT WITH 180 DEGREE ANGLE</b>				
<b>1</b>	PSC POLE 10 MTR. LONG 330 KG	No	2	8450.00	16900.00
<b>2</b>	PSC Pole Clamp	No	4	104.00	416.00
<b>3</b>	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 1.2 mtr., 4 no's channel required =( 4x9.56x1.2)	Kg	45.888	76.00	3487.49
<b>4</b>	Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 16 no's required	Kg	10.5728	97.50	1030.85
<b>5</b>	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 0.306 mtr., 4 no's channel required =(42x9.56x0.306)	Kg	11.70144	76.00	889.31
<b>6</b>	Danger plate	No	2	104.00	208.00
<b>7</b>	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.6018	97.50	58.68
<b>8</b>	GI barbed wire/Anticlimbing device	No	6	104.00	624.00
<b>9</b>	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	2.4072	97.50	234.70
<b>10</b>	11 KV pin insulator polymer	Set	6	260.00	1560.00
<b>11</b>	H W fitting(B&S) 70KN, 3Bolt	No.	12	455.00	5460.00
<b>12</b>	Disc insulator (B&S) 70 KN polymer	No.	12	1495.00	17940.00
<b>13</b>	Non metallic ties 11 KV(for covered conductor)	No	6	251.00	1506.00
<b>14</b>	IPC for 70 sq. mm AAAC covered conductor	No	12	371.00	4452.00
<b>15</b>	Spike GI( using 50x6 mm flat welded with 8 sq mm bar)(2 Nos. spike per set in each pole)	Set	4	332.00	1328.00
<b>16</b>	Earthing of Support ( Coil Type )	No	2	215.80	431.60
<b>17</b>	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.524	97.50	51.09

18	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	7.1	101.40	719.94
19	Yellow colour paint for Background	Ltr	4	216.00	864.00
20	Black colour paint for numbering	Ltr	1	286.00	286.00
A	<b>A. Sub total</b>				<b>58,447.65</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>1,753.43</b>
C	<b>Sub Total (C=A+B)</b>				<b>60,201.08</b>
D	<b>T&amp;P @ 2% of C</b>				<b>1,204.02</b>
E	<b>Contingency @ 3% of C</b>				<b>1,806.03</b>
F	<b>Transportation @ 7.5% of C</b>				<b>4,515.08</b>
		<b>Erection Charges @ 20% on PSC poles</b>			<b>3,481.40</b>
G	<b>Erection Charges @ 10%</b>				<b>4,279.41</b>
H	<b>Total</b>				<b>75,487.03</b>
21	<b>Concreting Ratio 1:1:5:3(500 mmx500mmx1700 mm)=0.425 Cu. Mtr.</b>	<b>Cum</b>	<b>0.85</b>	<b>6500.00</b>	<b>5525.00</b>
	<b>Total Material + Services Cost (J+K)</b>				<b>81,012.03</b>
<b>B</b>	<b>11 KV CUT POINT WITH 90 DEGREE ANGLE WITH TAPPING ARRANGEMENT</b>				
1	PSC POLE 10 MTR. LONG 330 KG	No	1	8450.00	8450.00
2	PSC Pole Clamp	No	2	104.00	208.00
3	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 1.2 mtr., 4 no's channel required =( 4x9.56x1.2)	Kg	45.888	76.00	3487.49
4	Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 16 no's required	Kg	10.5728	97.50	1030.85
5	Straight Cross Arm 100X50X6mm, 9.56 KG/Mtr., each channel length 0.306 mtr., 4 no's channel required =(42x9.56x0.306)	Kg	11.70144	76.00	889.31
6	Danger plate	No	1	104.00	104.00
7	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.3009	97.50	29.34
8	GI barbed wire/Anticlimbing device	No	3	104.00	312.00
9	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	1.2036	97.50	117.35
10	11 KV pin insulator polymer	Set	4	260.00	1040.00
11	H W fitting(B&S) 70KN, 3Bolt	No.	9	455.00	4095.00
12	Disc insulator (B&S) 70 KN polymer	No.	9	1495.00	13455.00
13	Non metallic ties 11 KV(for covered conductor)	No	4	251.00	1004.00
14	IPC for 70 sq. mm AAAC covered conductor	No	9	371.00	3339.00
15	Spike GI( using 50x6 mm flat welded with 8 sq mm bar)(2 Nos. spike per set in each pole)	Set	2	332.00	664.00
16	Earthing of Support ( Coil Type )	No	1	215.80	215.80
17	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.262	97.50	25.55

18	HT Stay Clamp,50x8 mm , flat 3.14 kg/Mtr.,0.551 Length , 2Nos.	Pair	1	162.50	162.50
19	HT Stay Set (Complete)	Set	1	1365.00	1365.00
20	HT Stay Insulator	No.	1	65.00	65.00
21	7/10 SWG Stay Wire , 15 Kg/stay	KG	15	97.50	1462.50
22	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	7.433	101.40	753.71
23	Yellow colour paint for Background	Ltr	2	216.00	432.00
24	Black colour paint for numbering	Ltr	0.5	286.00	143.00
A	<b>A. Sub total</b>				<b>42,850.39</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>1,285.51</b>
C	<b>Sub Total (C=A+B)</b>				<b>44,135.90</b>
D	<b>T&amp;P @ 2% of C</b>				<b>819.78</b>
E	<b>Contingency @ 3% of C</b>				<b>1,324.08</b>
F	<b>Transportation @ 7.5% of C</b>				<b>3,310.19</b>
G	<b>Erection Charges @ 20% on PSC poles</b>				<b>1,740.70</b>
H	<b>Erection Charges @ 10%</b>				<b>3,228.57</b>
II	<b>Total</b>				<b>54,559.22</b>
25	<b>Fixing of 11 KV line Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod &amp; Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts &amp; bolts, including excvation, supply of 0.5Cum cement concrete foundation 1:2:4 size (500mmx500mmx800mm) using 20mm BHG metal with all labour and material (Excavation of earth will be done of size 500X500X1500 mm.)</b>	No	1	2250.00	2250.00
26	<b>Concreting Ratio 1:1:5:3(500 mmx500mmx1700 mm)=0.425 Cu. Mtr.</b>	Cum	0.425	6500.00	2762.50
	<b>Total Material + Services Cost (J+K)</b>				<b>59,571.72</b>
C	<b>11 KV PIN POINTS WITH PSC</b>				
1	PSC POLE 10 MTR. LONG 330 KG	No	8	8450.00	67600.00
2	11 KV V cross arm Back clamp	No	8	104.00	832.00
3	11 KV V cross arm	No	8	1053.00	8424.00
4	Top Bracket 100x50x6 mm GI channel(2 Kg each)	No	8	195.00	1560.00
5	Danger plate	No	8	104.00	832.00
6	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	2.41	97.50	234.98
7	GI barbed wire/Anticlimbing device	No	24	104.00	2496.00
8	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	9.63	97.50	938.93
9	11 KV Pin Insulator Polymer,3 Nos.,required for each support	No	24	260.00	6240.00

10	Spike GI( using 50x6 mm flat welded with 8 sq mm bar)(2 Nos. spike per set in each pole)	Set	16	332.00	5312.00
11	Non metallic ties 11 KV(for covered conductor)	No	24	251.00	6024.00
12	Earthing of Support ( Coil Type )	No	8	215.80	1726.40
13	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	2.1	97.50	204.75
14	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	11.6	101.40	1176.24
15	70 sq. mm AAAC XLPE covered conductor	Km	2.0085	185220.00	372014.37
16	Yellow colour paint for Background	Ltr	16	216.00	3456.00
17	Black colour paint for numbering	Ltr	8	286.00	2288.00
A	<b>A. Sub total</b>				<b>481,359.66</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>14,440.79</b>
C	<b>Sub Total (C=A+B)</b>				<b>495,800.45</b>
D	<b>T&amp;P @ 2% of C</b>				<b>9,916.01</b>
E	<b>Contingency @ 3% of C</b>				<b>14,874.01</b>
F	<b>Transportation @ 7.5% of C</b>				<b>37,185.03</b>
G	<b>Erection Charges @ 20% on PSC poles</b>				<b>13,925.60</b>
H	<b>Erection Charges @ 10%</b>				<b>42,617.16</b>
I	<b>Total</b>				<b>614,318.27</b>
18	Concreting Ratio 1:1:5:3(500 mmx500mmx1700 mm)=0.425 Cu. Mtr.	Cum	3.4	6500.00	22100.00
	<b>Total Material + Services Cost (J+K)</b>				<b>636,418.27</b>
<b>II</b>	<b>INSTALLATION OF 63 KVA S/S.</b>				
1	PSC POLE 10 MTR. LONG 330 KG	No	2	8450.00	16900.00
2	PSC Pole Clamp	No	14	104.00	1456.00
3	Top channel GI 100x50x6 mm 3000 mm Long(9.56 kg/Mtr.,2 Nos.)	Kg	57.36	76.00	4359.36
4	Fish Plate 50x6 mm ,2.36 Kg/Mtr.,each 0.280 Mtr., 6 nos. required	Kg	3.9648	97.50	386.57
5	MU Channel 75X40X 4.8mm.,3000 mm Long, 7.14KG/Mtr., 2 Nos.	Kg	0	76.00	0.00
6	AB switch mounting channel 75x40x4.8 mm GI channel, 3000 mm Long (7.14 kg/mtr,2 Nos.)	Kg	42.84	76.00	3255.84
7	AB witch side support channel 100x50x6 mm GI channel (0.35Mtr Long)(9.56 kg/mtr,2 Nos.)	Kg	6.69	76.00	508.44
8	Channel support for down pipe 75x40x4.8 mm GI channel(7.14 kg/mtr,2 Nos.)each channel length 0.8 Mtr.	Kg	5.711	76.00	434.04
9	HG/DO fuse Mounting channel 75x40x4.8 mm GI channel(3000 mm Long ) (7.14 kg/mtr,2 Nos.)	Kg	42.84	76.00	3255.84
10	Cantilever suport channel75x40x4.8 mm GI channel(810 mm Long,2 Nos.)(7.14 kg/mtr,2 Nos.)	Kg	11.57	76.00	879.32
11	Cantilever suport angle 50x50x6 mm GI (1282 mm Long)(4.5 kg/mtr,2 Nos.)	Kg	11.54	76.00	877.04
12	Transformer base GI channel 100x50x6 mm channel(3000 mm Long,2 Nos.)(9.56 kg/mtr,2 Nos.)	Kg	57.36	76.00	4359.36

13	Transformer base support channel 100x50x6 mm GI channel(515 mm Long,2 Nos.)(9.56 kg/mtr,2 Nos.)	Kg	9.8467	76.00	748.35
14	Transformer Belting angle 50x50x6 mm GI (3000 mm Long)(4.5 kg/mtr,2 Nos.)	Kg	27	76.00	2052.00
15	Transformer Belting Support angle 50x50x6 mm GI 580 mm Long)(4.5 kg/mtr,2 Nos.)	Kg	5.22	76.00	396.72
16	LT DB mounting angle 50x50x6 mm GI (1000 mm Long)(4.5 kg/mtr,2 Nos.)	Kg	9	76.00	684.00
17	50x6mm GI Flat for earthing, 2.36kg/mtr., (12.5 Mtr. For L.A, 3 Mtr for AB Switch Body, 2.5 mtr. For mesh formation and 2.5 mtr. For raising)= 20.5x2.36	Kg	154.81	97.50	15093.98
18	63 KVA , 11/0.4 KV (AL) Transformer BIS Energy Level-II	No	1	112450.00	112450.00
19	LT Distribution Box with MCCB, Aluminum Busbar of single Bay with kit kat Fuse for 63 KVA S/S.	No	1	23818.60	23818.60
20	55 sq. mm All Alloy conductor-PVC insulated	Mtr	50	55.24	2762.00
21	4Cx95 sq. mm LT XLPE cable	Mtr	15	479.61	7194.15
22	11 KV AB switch (200 Amp, 3 pole)	Set	1	9555.00	9555.00
23	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	7956.00	7956.00
24	PG Clamp for 55 sq. mm AAAC	No	6	624.00	3744.00
25	11 KV Disc insulator polymer type 70 KN	No	3	1495.00	4485.00
26	11 KV H/W fitting polymer type	Pair	3	455.00	1365.00
27	11 KV LA (12KV,10 KA)station class-2	No	3	4615.00	13845.00
28	11 KV Pin Insulator polymer type	No	3	260.00	780.00
29	HT Stay Set (Complete)	Set	2	1365.00	2730.00
30	HT Stay Insulator	No.	2	65.00	130.00
31	HT Stay Clamp(1.95 K.g/Pair)	Pair	2	162.50	325.00
32	7/10 SWG Stay Wire	KG	30	97.50	2925.00
33	GI Pipe for earthing 40mm dia 3mtr long	No	7	1365.00	9555.00
34	GI Nut, Bolt & washers of different sizes	Kg	25	101.40	2535.00
35	GI barbed wire/Anticlimbing device	No	6	104.00	624.00
36	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	2.4072	97.50	234.70
37	Danger plate	Kg	2	104.00	208.00
38	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.6018	97.50	58.68
39	Name Plate	No	1	104.00	104.00
	<b>Structure Numbering and marking</b>				
40	Yellow colour paint for Background	Ltr	2	216.00	432.00
41	Black colour paint for numbering	Ltr	1	286.00	286.00
A				<b>A. Sub total</b>	<b>263,748.98</b>
B				<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>	<b>7,912.47</b>
C				<b>Sub Total (C=A+B)</b>	<b>271,661.44</b>
D				<b>T&amp;P @ 2% of C</b>	<b>4,962.34</b>
E				<b>Contingency @ 3% of C</b>	<b>8,149.84</b>
F				<b>Transportation @ 7.5% of C</b>	<b>20,374.61</b>
G				<b>Erection Charges @ 5% for transformer and joist/WPB pole cost including stock, storage &amp; insurance @3%</b>	<b>5,791.18</b>

H	Erection Charges @ 20% on PSC Poles				3,481.40
I	Erection Charges @ 10% for other materials				11,488.65
J	Total				325,909.47
42	Concreting Ratio 1:1:5:3(500 mmx500mmx1500 mm)=0.375 Cu. Mtr.	Cum	0.85	6500.00	5525.00
43	Fixing of stay set with 0.5 cum cement concret foundation 1:3:6 size (900x 600x900 mm) using 40 mm BHG metal with all labour and material except stay wire, stay set,stay insulator.	No	2	2250.00	4,500.00
44	Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe.	No	7	3700.00	25,900.00
45	Laying of 4Cx95 sq.mm LT XLPE cable	Mtr.	50	46.80	2,340.00
46	Supply and Erection of GI fencing with Gate	Sq. Mtr.	15	3600.00	54,000.00
	Sub total Rs				418,174.47
III	<b>11 KV LINE PROTECTING GUARDING FOR ROAD CROSSING-1 SPAN</b>				
1	Guarding Channel 75X40X4.8 mm, 7.14 KG/Mtr., each channel length 2.2 mtr., 4 no's channel required =( 4x7.14x1.2)	Kg	62.832	76.00	4775.23
2	No-6 GI wire (0.192 Kg/Mtr.)for main string	Kg	11.52	97.50	1123.20
3	No-8 GI wire (0.131 Kg/mtr.)for lacing	Kg	2.45625	97.50	239.48
4	Eye Bolt(236 mm,16 mm dia,1.577 Kg/mtr.)	No	4	78.00	312.00
5	GI Pipe earthing 40 mm dia 3 Mtr. Long	No	2	1365.00	2730.00
6	50x6mm GI Flat for earthing, 2.36kg/mtr.	Kg	50.504	97.50	4924.14
A	<b>TOTAL MATERIAL COST (FOR-2020-21)</b>				<b>14,104.06</b>
B	<b>Stock, Storage &amp; Insurance @ 3% of A</b>				423.12
C	<b>Sub Total (C=A+B)</b>				<b>14,527.18</b>
D	<b>Contingency @3% of C</b>				<b>435.82</b>
E	<b>T &amp; P 2% of C</b>				<b>234.31</b>
F	<b>Transportation @ 7.5% of C</b>				<b>1,089.54</b>
G	<b>Erection Charges for PSC Pole @ 20%</b>				
H	<b>Erection Charges of DTR and Joist Poles @ 5%</b>				
I	<b>Erection Charges of other @ 10%</b>				1,171.53
J	<b>Sub Total Rs.</b>				<b>17,458.37</b>
7	Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe.	No	2	3700.00	7,400.00
	<b>Total Rs.</b>				<b>24,858.37</b>
IV	<b>Construction of LT Line using 4x35+1x35+1X16 sq. mm LT AB Cable- -0.3 Km.</b>				

1	9 Mtr Long 300 KG PSC Pole	No	9	3900.00	35,100.00
2	LT stay set complete	Set	2	676.00	1,352.00
3	7/12 SWG GI stay wire, Grade-2	Kg	24	97.50	2,340.00
4	LT stay clamp	Pair	2	143.00	286.00
5	LT stay set Insulator	No	2	39.00	78.00
	<b>LT Accessories with Eye Hook and Clamp</b>				
6	Pole Clamp for Eye Hook for XLPE Aerial bunched cable	Pair	12	260.00	3,120.00
7	Eye Hook for XLPE Aerial Bunched Cable	No	12	78.00	936.00
8	Dead End Clamp suitable for messenger XLPE Aerial Bunch Cable (25x70 sqmm)	No	5	84.50	422.50
9	Suspension clamp with Eye Hook for ABC (25-70 sqmm)	No	7	442.00	3,094.00
10	4 Cx35(P)+1Cx35(M)+1CX16 Street Light)sq. mm LT Aerial Bunched Cable	Mtr	315	169.00	53,235.00
11	Insulated Piercing connector ,Type-B main 50-150 sq. mm & Tap-6 to 35 sq. mm	No	6	62.13	372.78
13	Pipe Earthing(each 5 th Pole to Earth)	No	2	1365.00	2,730.00
14	Coil Earthing	No	7	215.80	1,510.60
15	No-8 GI wire (Dia-4.6mm)	Kg	2,358	97.50	229.91
16	Danger plate (LT)	No	9	104.00	936.00
17	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	2.71	97.5	264.23
18	GI barbed wire/Anticlimbing device 3 kg per support	Kg	27	104	2808.00
19	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	10.83	97.5	1055.93
20	GI Nut, Bolt & washers of different sizes	Kg	4.5	101.40	456.30
21	Yellow colour paint for Background	Ltr	18	216.00	3,888.00
22	Black paint	Ltr	9	286.00	2,574.00
A	<b>TOTAL MATERIAL COST</b>				<b>116,789.24</b>
B	<b>Stock, Storage &amp; Insurance @ 3% of A</b>				<b>3,503.68</b>
C	<b>Sub Total (C=A+B)</b>				<b>120,292.91</b>
D	<b>Contingency @3% of C</b>				<b>3,608.79</b>
E	<b>T &amp; P 2% of C</b>				<b>2,266.07</b>
F	<b>Transportation @ 7.5% of C</b>				<b>9,021.97</b>
G	<b>Erection Charges for PSC Pole @ 20%</b>				<b>7,230.60</b>
H	<b>Erection Charges of Joist Poles @ 5%</b>				
I	<b>Erection Charges of other @ 10%</b>				<b>7,715.04</b>
J	<b>Sub Total Rs.</b>				<b>150,135.38</b>
<b>Civil and Services Works (As per Technical Specification)</b>					

23	Fixing of LT complete stay set includes(1) Turn Buckle assembly(2)Stay Rod & stay Plate(3)Stay Insulator(4)Stay Wire(5)stay Clamps with Nuts & Bolts,including excavation supply of 0.5 cum cement concrete foundation 1:2:4 size(500x500x800mm)using 20 mm BHG metal with all Labour and material(Excavation of earth will be done of size500x500x1500mm)	No	2	2250	4500.00
24	Concreting Ratio 1:1::5:3 (500mmX500mmX1500mm)= 0.375Cu.Mtr	Cu.Mtr	3.375	6500.00	21,937.50
25	Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe.	No	2	3700.00	7,400.00
K	<b>Total Services Cost</b>				<b>33,837.50</b>
	<b>Total Material + Services Cost (J+K)</b>				<b>183,972.88</b>
V	<b>33 KV (13 MTR. LONG ) INTERPOSING POLE TO MAINTAIN GROUND CLEARANCE</b>				
1	WPB GI POLE 160X152 (13 MTR. Long,30.44 kg/mtr.)	No	2	34322.00	68644.00
2	33 KV V cross arm	No	2	2340.00	4680.00
3	Top Bracket 100x50x6 mm GI channel(2 Kg each)	No	2	195.00	390.00
4	Danger plate	No	2	104.00	208.00
5	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.6	97.50	58.50
6	GI barbed wire/Anticlimbing device	No	6	104.00	624.00
7	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	2.41	97.50	234.98
8	33 KV Pin Insulator Polymer	No	6	624.00	3744.00
9	Earthing of Support ( Coil Type )	No	2	215.80	431.60
10	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.52	97.50	50.70
11	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	2.9	101.40	294.06
12	Yellow colour paint for Background	Ltr	4	216.00	864.00
13	Black colour paint for numbering	Ltr	2	286.00	572.00
A	<b>A. Sub total</b>				<b>80,795.84</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>2,423.88</b>
C	<b>Sub Total (C=A+B)</b>				<b>83,219.71</b>
D	<b>T&amp;P @ 2% of C</b>				<b>1,664.39</b>



E	<b>Contingency @ 3% of C</b>				<b>2,496.59</b>
F	<b>Transportation @ 7.5% of C</b>				<b>6,241.48</b>
G	<b>Erection Charges @ 5% on WPB poles</b>				<b>3,535.17</b>
H	<b>Erection Charges @ 10%</b>				<b>1,251.67</b>
I	<b>Total</b>				<b>98,409.01</b>
14	<b>Concreting Ratio 1:1:5:3(500 mmx500mmx2200 mm)=0.425 Cu. Mtr.</b>	<b>Cum</b>	<b>1.1</b>	<b>6500.00</b>	<b>7150.00</b>
15	<b>Couping Ratio 1:1:5:3(500 mmx500mmx450mm)=0.1125 Cu. Mtr.</b>	<b>Cum</b>	<b>0.225</b>	<b>6500.00</b>	<b>1462.50</b>
	<b>Total Material + Services Cost (J+K)</b>				<b>107,021.51</b>
	Sub total Rs.				<b>1,511,029.24</b>
	<b>Cess @1%</b>				<b>15,110.29</b>
	Total Estimated Cost				<b>1,526,139.53</b>
	Total Estimated Cost in Figures				<b>1,526,140.00</b>
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)		_____ %		
Quoted Amount in Figure					
Quoted Amount in word					

N:B- The Estimated cost is exclusive of GST.

**Signature of Tenderer with seal**

Sd/-  
Asst. Project Manager (Elect)

Sd/-  
Asst. Project Manager (Elect) (Hqr)

Sd/-  
Project Manager (Elect.)