

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**  
**JANAPATH, BHOINAGAR, BHUBANESWAR - 22**  
 [Electrical Division]  
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**PRICE BID FOR THE WORK UNDER SL. NO :- 01 AS PER IFB**

**NAME OF THE WORK :- SHIFTING AND RECONSTRUCTION OF 11 KV LINE AT MODEL BUS STAND , TIKABALI IN THE DIST OF KANDHAMAL.**

**BID REF NO :- 45/PM/ELECT/OPHWC/2022-23**

<b>NAME &amp; ADDRESS OF THE FIRM</b>	
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**SCHEDULE OF WORKS**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
<b>SCOPE-A</b>	<b>Construction of 3 ph 3 wire 11 KV line using 80 sq. mm AAAC -0.4 Km</b>				
1	150X150 mm RS Joist , 11 Mtr. Long (6 No. for Line)	Kg	2283.64	80.60	184061.38
2	Straight channel -100x50x6 mm (9.2 Kg/Mtr)	Kg	80	80.60	6448.00
3	11 KV 'V' cross arm(MS-10.2 Kg each)	No.	6	1004.40	6026.40
4	Back Clamp for 'V' Cross Arm	No.	6	99.20	595.20
5	F' Clamp(Pole Top)	No.	6	297.60	1785.60
6	11KV Disc insulator Polymer type T&C	No.	18	1066.40	19195.20
7	11KV H.W Fittings T&C type	No.	18	161.20	2901.60
8	11KV Pin Insulator Polymer	No.	18	248.00	4464.00
9	HT stay set (Complete)	No.	6	1302.00	7812.00
10	stay Insulator	No.	6	62.00	372.00
11	Stay clamp	pair	6	155.00	930.00
12	7/10 SWG GI Saty wire	Kg	60	93.00	5580.00
13	Earthing coil for support/pole	No.	6	205.84	1235.04
14	Danger board	No.	6	99.20	595.20
15	Base plate for support	No.	6	1860.00	11160.00
16	80 sq. mm AAAC	Km	1.236	53320.00	65903.52
17	MS nut,bolt & washers	Kg	17	88.04	1496.68
18	11 KV Road crossing & Guarding	span	2	4340.00	8680.00
19	Sundries	LS	1	500.00	500.00
					329741.82
	<b>11 KV LINE DP WITH RSJ FOR ROAD CROSSING</b>				
1	150X150 mm RS Joist , 11 Mtr. Long (2 Nos. for Line DP)	No	761.198	80.60	61352.56
2	Pressure Channel 100X50X6mm.2.8 mtr. Long 2Nos.(9.2kg/mtr.) with GI	Kg.	51.52	80.60	4152.51
3	Support Channel & Bracing Channel75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.)	Kg.	76.16	80.60	6138.50
4	Cross Bracing Channel (50x50x6) mm angle 3 Mtr. Long 2 Nos.(4.5 Kg/Mtr.) with GI	Kg	27	80.60	2176.20
5	11KV Disc insulator Polymer type T&C	No.	6	1066.40	6398.40

6	11KV H.W Fittings T&C type	No.	6	161.20	967.20
7	11KV Pin Insulator Polymer	No.	3	248.00	744.00
8	HT stay set (Complete)	No.	2	1302.00	2604.00
9	Stay Insulator	No.	2	62.00	124.00
10	Stay clamp	pair	2	155.00	310.00
11	7/10 SWG GI Saty wire	Kg	20	93.00	1860.00
12	Earthing coil for support/pole	No.	2	205.84	411.68
13	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long	Kg	1	1302.00	1302.00
14	24x6 GI flat for earthing	Kg	20	93.00	1860.00
15	Danger board	No.	2	99.20	198.40
16	Anticlimbing Device (GI barbed wire 2 kg per support)	Kg	4	99.20	396.80
17	GI Base Plate(500x500x10 mm)	No.	2	1860.00	3720.00
18	GI nut,bolt & washers	Kg	5	96.72	483.60
19	Sundries	LS	1	500.00	500.00
A	TOTAL RS.				<b>95699.85</b>
	FOR 4 NOS OF 11 KV LINE DP				<b>382799.39</b>
<b>SCOPE-C</b>	<b>Construction of 3 Ph 5 W LT Line with 3x50+1x35+1x16 sq.mm LT XLPE AB Cable over 8 Mtr. Long 200 KG PSC pole .-0.3 Km</b>				
1	200 KG 8 Mtr. Long PSC Pole	No	8	2480.00	19840.00
2	L.T Stay set (Complete )	Set	4	644.80	2579.20
3	L.T Stay Insulator	No.	4	37.20	148.80
4	L.T Stay Clamp(1.4 K.g/Pair)	Pair	4	136.40	545.60
5	7/12 GI Stay Wire	Kg	28	93.00	2604.00
6	Dead end clamp	No.	3	80.60	241.80
7	Suspension clamp I Hook	No	5	421.60	2108.00
8	3x50+1x35+1x16 sq.mm LT XLPE AB Cable	Km	0.31	173600.00	54163.20
9	Piercing connector	No.	8	49.60	396.80
10	Neutral connector	No.	8	40.92	327.36
11	RCC Base plate	No.	8	347.20	2777.60
12	Anticlimbing Device (GI barbed wire 2 kg per support)	Kg	4	99.20	396.80
13	MS Nuts, bolts & washers	Kg	10	117.80	1178.00
14	Strain fittings	No	3	74.40	223.20
15	Sundries	LS	1	500.00	500.00
					88030.36
A	TOTAL MATERIAL COST IN RS.				<b>800571.57</b>

B	Stock,storage and insurance (@3% on A)				<b>24017.15</b>
C	TOTAL RS.				<b>824588.72</b>
D	T&P @ 2% of C				<b>16491.77</b>
E	Contigency @ 3% of C				<b>24737.66</b>
F	Transportation @ 7.5% of C				<b>61844.15</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers and 20% on PSC poles				<b>62384.62</b>
H	TOTAL RS.				<b>990046.93</b>
1	Cement Concreting for support for coupling with CC 1:3:6 using 4 cm size HBG metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3037 cum	Nos.	14	1460.00	20440.00
2	Cement Concreting for stay anchor plate CC foundation 1:3:6 using4 cm size HBG metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3037 cum	Nos.	14	1270.00	17780.00
3	Cement Concreting for stay anchor plate CC foundation 1:3:6 using4 cm size HBG metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3037 cum	Nos.	4	1270.00	5080.00
4	Cement Concreting of support for coupling with 1:3:6 using 4cm size HBG metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3037 cum	Nos.	8	1270.00	10160.00
5	TOTAL RS.				53460.00
6	11 KV Dismantaling charges @ 500.00 per span(5 span)				2500.00
7	LT Line Dismantaling @ 400 per span(4 Span)				1600.00
	TOTAL RS.				<b>1047606.93</b>
	Cess @ 1%				<b>10476.07</b>
	Total Estimated Cost				<b>1058083.00</b>
	Total Estimated Cost in Figures				<b>1058083.00</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.)**