

**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 :- 11 AS PER IFB**

**NAME OF THE WORK :- SHIFTING OF 11 K.V LINE FROM THE CONSTRUCTION AREA OF KRUSHNANANDPUR POLICE STATION BUILDING IN THE DISTRICT OF JAGATSINGHPUR.**

**BID REF NO :- 105/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>PART-A</b>					
<b>I</b>	<b>CONSTRUCTION OF 11 KV LINE-0.1 KM .</b>				
<b>A</b>	<b>11 KV CUT POINT WITH 90 DEGREE ANGLE</b>				
<b>1</b>	WPB GI Pole160X152(13 Mtr. Long ,30.44 Kg/Mtr.)	No	1	34322.00	34322.00
<b>2</b>	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	1	29661.00	29661.00
<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	91.776	76.00	6974.98
<b>4</b>	Fish Plate 50x6 mm., 2.36 kg/Mtr., each 0.280 mtr. length, 16 no's required	Kg	21.1456	97.50	2061.70
<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	23.40288	76.00	1778.62
<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,3 Nos.,required for each support	No	8	260.00	2080.00
<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>	Earthing of Support ( Coil Type )	No	2	215.80	431.60
<b>14</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
<b>15</b>	PG Clamp for 55 sq. mm AAA Conductor	No	12	624.00	7488.00
<b>16</b>	HT Stay Set (Complete)	Set	4	1365.00	5460.00
<b>17</b>	HT Stay Clamp,50x8 mm , flat 3.14 kg/Mtr.,0.551 Length , 2Nos.	Pair	4	162.50	650.00
<b>18</b>	HT Stay Insulator	No.	4	65.00	260.00

19	7/10 SWG Stay Wire , 15 Kg/stay	KG	60	97.50	5850.00
20	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	14.866	101.40	1507.41
21	Yellow colour paint for Background	Ltr	4	216.00	864.00
22	Black colour paint for numbering	Ltr	1	286.00	286.00
A	<b>A. Sub total</b>				<b>1,24,251.77</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>3,727.55</b>
C	<b>Sub Total (C=A+B)</b>				<b>1,27,979.32</b>
D	<b>T&amp;P @ 2% of C</b>				<b>2,559.59</b>
E	<b>Contingency @ 3% of C</b>				<b>3,839.38</b>
F	<b>Transportation @ 7.5% of C</b>				<b>9,598.45</b>
	<b>Erection Charges @ 5% on poles</b>				<b>3,295.12</b>
G	<b>Erection Charges @ 10%</b>				<b>4,949.02</b>
H	<b>Total</b>				<b>1,52,220.88</b>
23	Fixing of 11 KV line 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 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.)	No	4	2250.00	9000.00
24	Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.55 Cu. Mtr.	Cum	0.9	6500.00	5850.00
25	Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	Cum	0.225	6500.00	1462.50
	<b>Total Material + Services Cost (J+K)</b>				<b>1,68,533.38</b>
B	<b>11 KV PIN POINTS WITH WPB</b>				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	1	29661.00	29661.00
2	11 KV V cross arm	No	1	1053.00	1053.00
3	Top Bracket 100x50x6 mm GI channel(2 Kg each)	No	1	195.00	195.00
4	Danger plate	No	1	104.00	104.00
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	0.3	97.50	29.25
6	GI barbed wire/Anticlimbing device	No	3	104.00	312.00
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	1.2	97.50	117.00
8	11 KV Pin Insulator Polymer,3 Nos.,required for each support	No	3	260.00	780.00
9	Earthing of Support ( Coil Type )	No	1	215.80	215.80
10	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.26	97.50	25.35
11	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	1.45	101.40	147.03
12	55 sq. mm AAAC	Km	0.309	39000.00	12051.00
13	Yellow colour paint for Background	Ltr	2	216.00	432.00
14	Black colour paint for numbering	Ltr	1	286.00	286.00
A	<b>A. Sub total</b>				<b>45,408.43</b>

<b>B</b>	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>1,362.25</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>46,770.68</b>
<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>935.41</b>
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>1,403.12</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>3,507.80</b>
	<b>Erection Charges @ 5% on poles</b>				<b>1,527.54</b>
<b>G</b>	<b>Erection Charges @ 10%</b>				<b>1,622.00</b>
<b>H</b>	<b>Total</b>				<b>55,766.56</b>
<b>15</b>	<b>Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.55 Cu. Mtr.</b>	<b>Cum</b>	<b>0.45</b>	<b>6500.00</b>	<b>2925.00</b>
<b>16</b>	<b>Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.</b>	<b>Cum</b>	<b>0.1125</b>	<b>6500.00</b>	<b>731.25</b>
	<b>Total Material + Services Cost (J+K)</b>				<b>59,422.81</b>
<b>17</b>	<b>Dismantling of 11 KV Line alongwith all accessories</b>	<b>Ls</b>	<b>1</b>	<b>2199.00</b>	<b>2,199.00</b>
	Total Estimated Cost				<b>2,30,155.19</b>
	Total Estimated Cost in Figures				<b>2,30,155.00</b>
<b>EXCESS</b>	<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/-  
D.M (Elect) I/C**

**Sd/-  
Project Manager(Elect.)**