

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.****JANAPATH, BHOINAGAR, BHUBANESWAR - 22****[Electrical Division]****Ph: 0674-2541545, 2542921, Fax: 0674-2541543****E-mail :- pmelectricalophwc2025@gmail.com, Website: www.ophwc.com****PRICE BID FOR THE WORK UNDER SL. NO :- 02 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO ATAL BUS STAND AT KAPURMAL UNDER JAIPATNA BLOCK IN THE DISTRICT OF KALAHANDI.****BID REF NO :- 82/PM/ELECT/OPHWC/2025-26****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 .</b>				
<b>A</b>	<b>11 KV LINE USING 100 SQ. MM INSULATED COVERED CONDUCTOR</b>				
<b>1</b>	13 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	3	41,516.54	124,549.62
<b>2</b>	100 sq. mm AAAC	Mtr.	772.5	78.10	60,332.25
<b>3</b>	MS Channel 100x50x6 mm	Kg	23	92.30	2,122.90
<b>4</b>	MS channel 75x40x6 mm	Kg	17	92.30	1,569.10
<b>5</b>	Fish Plate 50x6 mm	Nos.	2	132.06	264.12
<b>6</b>	GI Flat 50x6 mm	Kg	6	106.50	639.00
<b>7</b>	GI Flat 25x6 mm	Kg	4.5	106.50	479.25
<b>8</b>	11 KV 'V' cross arm(10.2 Kg each)	No.	5	1,150.20	5,751.00
<b>9</b>	GI Back clamp for 11 KV V Cross Arm	No.	5	113.60	568.00
<b>10</b>	Top F clamp for PSC Pole ,2.9 Kg	No.	5	340.80	1,704.00
<b>11</b>	11 KV Disc insulator B&S polymer type 70 KN	No	3	1,633.00	4,899.00
<b>12</b>	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
<b>13</b>	PG clamp for 100 sq. mm AAAC	No	3	823.60	2,470.80
<b>14</b>	11 KV Pin Insulator Polymer	No	15	284.00	4,260.00
<b>15</b>	HT Stay Set (Complete)	Set	3	1,491.00	4,473.00
<b>16</b>	HT Stay Insulator	No.	3	71.00	213.00
<b>17</b>	HT Stay Clamp	Pair	3	177.50	532.50
<b>18</b>	7/10 SWG Stay Wire ,7/3.25 mm	KG	21	106.50	2,236.50
<b>19</b>	7/8 SWG GIWire for earthing	KG	10.75	113.60	1,221.20
<b>20</b>	Earthing support coil type	No	5	235.72	1,178.60
<b>21</b>	GI Pipe for earthing 40mm dia 3mtr long	EA	1	1,491.00	1,491.00
<b>22</b>	Pipe HDPE	Mtr.	3	56.80	170.40

23	Al cable socket 70 sq. mm	Nos.	2	21.30	42.60
24	Materials for Masonary work for earth pit	No.	1	568.00	568.00
25	Charcoal, salt etc for earthing	Kg	2	639.00	1,278.00
26	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	10.75	110.76	1,190.67
27	GI barbed wire/Anticlimbing device	Kg	11	113.60	1,249.60
28	Danger plate	No	3	113.60	340.80
A	<b>A. Sub total</b>				<b>227,285.91</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>6,818.58</b>
C	<b>Sub Total (C=A+B)</b>				<b>234,104.49</b>
D	<b>T&amp;P @ 2% of C</b>				<b>4,682.09</b>
E	<b>Contingency @ 3% of C</b>				<b>7,023.13</b>
F	<b>Transportation @ 7.5% of C</b>				<b>17,557.84</b>
G	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>6,414.31</b>
H	<b>Erection Charges @ 20% on PSC Poles</b>				
I	<b>Erection Charges @ 10% for other materials</b>				<b>10,581.84</b>
J	<b>Total</b>				<b>280,363.70</b>
29	Fabrication and galvanisation	Kg	16.32	13.00	212.16
30	Concrete material for stay anchor plate	Nos.	2	1,653.00	3,306.00
31	Padding and Concreting materials for support	Nos.	3	2,837.90	8,513.70
	<b>Total Rs.</b>				292,395.56
<b>B</b>	<b>11 KV SP CUT POINT</b>				
1	13 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	41,516.54	83,033.08
2	75x40x6 mm Channel for Straight cross arm	Kg	65.28	92.30	6,025.34
3	11 KV Disc insulator B&S polymer type 70 KN	No	12	1,633.00	19,596.00
4	11 KV H/W fitting polymer type	Pair	12	497.00	5,964.00
5	11 KV Pin Insulator Polymer	No	6	284.00	1,704.00
6	HT Stay Set (Complete)	Set	8	1,491.00	11,928.00
7	HT Stay Insulator	No.	8	71.00	568.00
8	HT Stay Clamp	Pair	8	177.50	1,420.00
9	7/10 SWG Stay Wire ,7/3.25 mm	Kg	80	106.50	8,520.00
10	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	10	110.76	1,107.60
11	Earthing support coil type	No	2	235.72	471.44
A	<b>A. Sub total</b>				<b>140,337.46</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>4,210.12</b>
C	<b>Sub Total (C=A+B)</b>				<b>144,547.59</b>
D	<b>T&amp;P @ 2% of C</b>				<b>2,890.95</b>
E	<b>Contingency @ 3% of C</b>				<b>4,336.43</b>
F	<b>Transportation @ 7.5% of C</b>				<b>10,841.07</b>
G	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>4,276.20</b>
H	<b>Erection Charges @ 20% on PSC Poles</b>				
I	<b>Erection Charges @ 10% for other materials</b>				<b>5,902.35</b>

					<b>172,794.59</b>
12	Concrete material for stay anchor plate	Nos.	8	1,653.00	13,224.00
13	Padding and Concreting materials for support	Nos.	2	2,837.90	5,675.80
<b>J</b>	<b>Total</b>				<b>191,694.39</b>
<b>C</b>	<b>11 KV LINE AAAC TAPPING ON RSJ POLE</b>				
1	13 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	1	41,516.54	41,516.54
2	75x40x6 mm Channel for Straight cross arm	Kg	32.64	92.30	3,012.67
3	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1,150.20	1,150.20
4	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.60
5	11 KV F Clamp,2.9 Kg each	No.	1	340.80	340.80
6	11 KV Disc insulator B&S polymer type 70 KN	No	1	1,633.00	1,633.00
7	11 KV H/W fitting polymer type	Pair	1	497.00	497.00
8	11 KV Pin Insulator Polymer	No	3	284.00	852.00
9	HT Stay Set (Complete)	Set	2	1,491.00	2,982.00
10	HT Stay Insulator	No.	2	71.00	142.00
11	HT Stay Clamp	Pair	2	177.50	355.00
12	7/10 SWG Stay Wire ,7/3.25 mm	KG	20	106.50	2,130.00
13	Nut , Bolt & Washer of different sizes	Kg	5	106.50	532.50
14	Earthing support coil type	No	1	235.72	235.72
<b>A</b>	<b>A. Sub total</b>				<b>55,493.03</b>
<b>B</b>	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>1,664.79</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>57,157.82</b>
<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>1,143.16</b>
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>1,714.73</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>4,286.84</b>
<b>G</b>	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>2,138.10</b>
<b>H</b>	<b>Erection Charges @ 20% on PSC Poles</b>				
<b>I</b>	<b>Erection Charges @ 10% for other materials</b>				<b>1,439.58</b>
<b>J</b>	<b>Total</b>				<b>67,880.23</b>
15	Concrete material for stay anchor plate	Nos.	2	1,653.00	3,306.00
16	Padding and Concreting materials for support	Nos.	1	2,837.90	2,837.90
	<b>Total Rs.</b>				<b>74,024.13</b>
<b>D</b>	<b>50 SQ. MM XLPE CABLE</b>				
1	11 KV 3CX50 sq. XLPE Cable	Mtr.	60	576.52	34,591.20
2	Jointing Kit 11 KV O/D terminal for 3CX50 sq. XLPE Cable	No.	4	15,547.58	62,190.32
3	55 sq. mm AAAC	Mtr.	60	42.60	2,556.00
<b>A</b>	<b>A. Sub total</b>				<b>99,337.52</b>
<b>B</b>	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>2,980.13</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>102,317.65</b>
<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>2,046.35</b>
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>3,069.53</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>7,673.82</b>

<b>G</b>	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				
<b>H</b>	<b>Erection Charges @ 20% on PSC Poles</b>				
<b>I</b>	<b>Erection Charges @ 10% for other materials</b>				<b>10,231.76</b>
<b>J</b>	<b>Total</b>				<b>125,339.12</b>
<b>II</b>	<b>INSTALLATION OF 250 KVA S/S.</b>				
<b>1</b>	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	35,129.38	70,258.76
<b>2</b>	250 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II	No	1	626,121.70	626,121.70
<b>3</b>	MS Channel 100x50x6 mm	Kg	51	92.30	4,707.30
<b>4</b>	MS channel 75x40x6 mm	Kg	184	92.30	16,983.20
<b>5</b>	MS angle 50x50x6 mm	Kg	27	92.30	2,492.10
<b>6</b>	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1,633.00	4,899.00
<b>7</b>	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
<b>8</b>	PG Clamp for 100 sq. mm AAAC	No.	3	823.60	2,470.80
<b>9</b>	GI Flat 50x6 mm	Kg	43	106.50	4,579.50
<b>10</b>	GI Flat 25x6 mm	Kg	11	106.50	1,171.50
<b>11</b>	11 KV AB Switch(400 Amp, 3 pole)	Set	1	16,827.00	16,827.00
<b>12</b>	11 KV DD Fuse 3 Pole	No	1	6,678.78	6,678.78
<b>13</b>	11 KV DD Fuse Link Unit(10 A)	No	3	157.62	472.86
<b>14</b>	11 KV Lightning Arrester(9 KV,5 KA)	EA	3	1,391.60	4,174.80
<b>15</b>	Conductor ACSR PVC(61.7 Sq. mm)	Mtr.	20	84.24	1,684.80
<b>16</b>	HT Stay set complete	Set	2	1,491.00	2,982.00
<b>17</b>	7/10 SWG Stay wire	Kg	20	106.50	2,130.00
<b>18</b>	HT Stay Insulator	No.	2	71.00	142.00
<b>19</b>	HT stay clamp	Pair	2	177.50	355.00
<b>20</b>	40 mm Nominal bore GI pipe(Medium Gauge)	No	5	1,491.00	7,455.00
<b>21</b>	GI Pipe (100 mm)	Mtr.	3	710.00	2,130.00
<b>22</b>	HDPE Pipe	Mtr.	15	56.80	852.00
<b>23</b>	1.1 KV 4 core 300 sq. mm XLPE Cable	Mtr.	23	557.08	12,812.84
<b>24</b>	1 core 300 sq. mm XLPE Cable(Armoured)	Mtr.	32	208.74	6,679.68
<b>25</b>	Gland for Arm (4 core x 300 sq. mm XLPE Cable)	Nos.	4	494.82	1,979.28
<b>26</b>	LT Distribution Box with MCCB,Aluminium Bus bar.	No	1	68,160.00	68,160.00
<b>27</b>	Al. cable socket 70 sq. mm	No	80	21.30	1,704.00
<b>28</b>	Al. cable socket 95 sq. mm	No	16	28.40	454.40
<b>29</b>	GI Nuts, Bolts & washers	Kg	25	110.76	2,769.00
<b>30</b>	GI barbed wire for Anticlimbing	Kg	4	113.60	454.40
<b>31</b>	Danger Plate	No	2	113.60	227.20
<b>A</b>	<b>A. Sub total</b>				<b>876,299.90</b>
<b>B</b>	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>26,289.00</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>902,588.90</b>
<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>18,051.78</b>
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>27,077.67</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>67,694.17</b>

<b>G</b>	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>35,863.59</b>
<b>H</b>	<b>Erection Charges @ 20% on PSC Poles</b>				
<b>I</b>	<b>Erection Charges @ 10% for other materials</b>				<b>18,531.70</b>
<b>J</b>	<b>Total</b>				<b>1,069,807.80</b>
<b>32</b>	Fabrication & Galvanisation	<b>Kg</b>	262	13.00	3,406.00
<b>33</b>	Concrete material for stay anchor plate	No	2	1,653.00	<b>3,306.00</b>
<b>34</b>	Padding and Concreting materials for support	No	2	2,837.97	<b>5,675.94</b>
<b>35</b>	Plinth for 250 KVA transformer	No	1	22,034.00	<b>22,034.00</b>
<b>36</b>	Economic Brick Design fencing	No	1	92,622.57	<b>92,622.57</b>
	Earthing pit for pipe earthing	No	5	3,700.00	<b>18,500.00</b>
	<b>Total Rs.</b>				<b>1,215,352.31</b>
	<b>Sub Total Rs.</b>				<b>1,898,805.50</b>
	<b>Cess @1%</b>				<b>18,988.06</b>
	<b>Total Estimated Cost</b>				<b>1,917,793.56</b>
	<b>Total Estimated Cost in Figures</b>				<b>1,917,794.00</b>
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)		In Figure _____ % In word _____ %		
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/-**  
**Dy. Manager (Elect)**

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