

**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 :- 04 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 2 NOS. 120 MEN BARRACK AT RESERVE OFFICE, KALAHANDI IN THE DISTRICT OF KALAHANDI.**

**BID REF NO :-89/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>	11 Mtr. Long 160X160 GI WPB Pole(30.44 Kg/Mtr.)	No	2	35621.00	71242.00
<b>2</b>	100 sq. mm insulated covered Un-armoured AAAC	Mtr.	463.5	127.80	59235.3
<b>3</b>	MS Channel 100x50x6 mm	Kg	20	92.30	1,846.00
<b>4</b>	MS channel 75x40x6 mm	Kg	20	92.30	1,846.00
<b>5</b>	Fish Plate 50x6 mm	Nos.	2	132.06	264.12
<b>6</b>	GI Flat 50x6 mm	Kg	3.6	106.50	383.40
<b>7</b>	GI Flat 25x6 mm	Kg	2.7	106.50	287.55
<b>8</b>	11 KV 'V' cross arm(10.2 Kg each)	No.	2	1150.20	2300.4
<b>9</b>	GI Back clamp for 11 KV V Cross Arm	No.	2	113.60	227.2
<b>10</b>	Top F clamp for PSC Pole ,2.9 Kg	No.	2	340.80	681.6
<b>11</b>	PG clamp for 100 sq. mm AAAC	No	6	823.60	4,941.60
<b>12</b>	11 KV Pin Insulator Polymer	No	6	284.00	1,704.00
<b>13</b>	HT Stay Set (Complete)	Set	1	1491.00	1,491.00
<b>14</b>	HT Stay Insulator	No.	1	71.00	71.00
<b>15</b>	HT Stay Clamp	Pair	1	177.50	177.50
<b>16</b>	Spike GI (50x6 mm flat)	Set	2	758.03	1,516.06
<b>17</b>	7/10 SWG Stay Wire ,7/3.25 mm	KG	10	106.50	1,065.00
<b>18</b>	7/8 SWG GIWire for earthing	KG	10	113.60	1,136.00

19	Earthing support coil type	No	3	235.72	707.16
20	GI Pipe for earthing 40mm dia 3mtr long	EA	2	1491.00	2,982.00
21	Pipe HDPE	Mtr.	2	56.80	113.60
22	Al cable socket 70 sq. mm	Nos.	2	21.30	42.60
23	Materials for Masonary work for earth pit	No.	2	568.00	1,136.00
24	Charcoal, salt etc for earthing	Kg	10	639.00	6,390.00
25	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	20	110.76	2215.2
26	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
27	Danger plate	No	3	113.60	340.80
A	<b>A. Sub total</b>				<b>165,024.69</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>4,950.74</b>
C	<b>Sub Total (C=A+B)</b>				<b>169,975.43</b>
D	<b>T&amp;P @ 2% of C</b>				<b>3,399.51</b>
E	<b>Contingency @ 3% of C</b>				<b>5,099.26</b>
F	<b>Transportation @ 7.5% of C</b>				<b>12,748.16</b>
G	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>3668.96</b>
H	<b>Erection Charges @ 20% on PSC Poles</b>				
I	<b>Erection Charges @ 10% for other materials</b>				<b>9283.73</b>
J	<b>Total</b>				<b>204,175.05</b>
28	Fabrication and Galvanisation	Kg	20	13.00	260.00
29	Concrete material for stay anchor plate	Nos.	1	1,653.00	1,653.00
30	Padding and Concreting materials for support	Nos.	2	2,837.90	5,675.80
	<b>Total Rs.</b>				<b>211,763.85</b>
<b>B</b>	<b>11 KV LINE AAAC TAPPING ON RSJ POLE</b>				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	1	35129.38	35129.38
2	75x40x6 mm Channel for Straight cross arm	Kg	50	92.30	4,615.00
3	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1150.20	1150.2
4	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.6
5	11 KV F Clamp,2.9 Kg each	No.	1	340.80	340.8
6	11 KV Disc insulator B&S polymer type 70 KN	No	6	1633.00	9,798.00
7	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
8	PG clamp for 100 sq. mm AAAC	No	3	823.60	2,470.80

9	11 KV Pin Insulator Polymer	No	3	284.00	852.00
10	HT Stay Set (Complete)	Set	2	1491.00	2,982.00
11	HT Stay Insulator	No.	2	71.00	142.00
12	HT Stay Clamp	Pair	2	177.50	355.00
13	7/10 SWG Stay Wire ,7/3.25 mm	KG	20	106.50	2,130.00
14	GI Nut , Bolt & Washer of different sizes	Kg	5	106.50	532.5
15	Earthing support coil type	No	1	235.72	235.72
A	<b>A. Sub total</b>				<b>62,338.00</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>1,870.14</b>
C	<b>Sub Total (C=A+B)</b>				<b>64,208.14</b>
D	<b>T&amp;P @ 2% of C</b>				<b>1,284.16</b>
E	<b>Contingency @ 3% of C</b>				<b>1,926.24</b>
F	<b>Transportation @ 7.5% of C</b>				<b>4,815.61</b>
G	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>1809.16</b>
H	<b>Erection Charges @ 20% on PSC Poles</b>				
I	<b>Erection Charges @ 10% for other materials</b>				<b>2,802.49</b>
J	<b>Total</b>				<b>76,845.81</b>
16	Fabrication and Galvanisation	Kg	50	13.00	650.00
17	Concrete material for stay anchor plate	Nos.	2	1,653.00	3,306.00
18	Padding and Concreting materials for support	Nos.	1	2,837.90	2,837.90
	<b>Total Rs.</b>				<b>83,639.71</b>
<b>B</b>	<b>11 KV SP CUT POINT</b>				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	1	35129.38	35129.38
2	75x40x6 mm Channel for Straight cross arm	Kg	50	92.30	4,615.00
3	11 KV Disc insulator B&S polymer type 70 KN	No	12	1633.00	19,596.00
4	11 KV H/W fitting polymer type	Pair	6	497.00	2,982.00
5	11 KV Pin Insulator Polymer	No	3	284.00	852.00
6	HT Stay Set (Complete)	Set	4	1491.00	5,964.00
7	HT Stay Insulator	No.	4	71.00	284.00
8	HT Stay Clamp	Pair	4	177.50	710.00

9	7/10 SWG Stay Wire ,7/3.25 mm	Kg	40	106.50	4,260.00
10	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	20	110.76	2215.2
11	Earthing support coil type	No	1	235.72	235.72
A	<b>A. Sub total</b>				<b>76,843.30</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>2,305.30</b>
C	<b>Sub Total (C=A+B)</b>				<b>79,148.60</b>
D	<b>T&amp;P @ 2% of C</b>				<b>1,582.97</b>
E	<b>Contingency @ 3% of C</b>				<b>2,374.46</b>
F	<b>Transportation @ 7.5% of C</b>				<b>5,936.14</b>
G	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>1809.16</b>
H	<b>Erection Charges @ 20% on PSC Poles</b>				
I	<b>Erection Charges @ 10% for other materials</b>				<b>4,296.53</b>
J	<b>Total</b>				<b>95,147.86</b>
12	Concrete material for stay anchor plate	Nos.	4	1,653.00	6,612.00
13	Padding and Concreting materials for support	Nos.	1	2,837.90	2,837.90
	<b>Total Rs.</b>				<b>104,597.76</b>
<b>II</b>	<b>LT Line</b>				
1	9 Mtr. Long 150x150 mm RS Joist Pole(30.6 Kg/Mtr.)	No.	10	25419.42	254194.20
2	1.1 KV 3C×95 mm <sup>2</sup> +1C×70 mm <sup>2</sup> +1CX16 mm <sup>2</sup> (LT AB Cable)	Km	0.318	345060.00	109729.08
	4 core Al. PVC armoured 25 sq. mm	Mtr.	30.00	177.50	5325.00
3	Pole Clamp	No	10	284.00	2840.00
4	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	1	92.30	92.30
5	Suspension Clamp with EYE hook for ABC	No	10	482.80	4828.00
6	Neutral Connector	No	6	46.86	281.16
7	7/12 SWG GI stay wire, Grade -2	Kg	30	106.50	3195.00
8	LT stay Clamp ( 1.40Kg/pair)	Pair	5	156.20	781.00
9	LT Stay insulator	No	5	42.60	213.00
10	Coil Earthing	No	10	235.72	2357.20
11	No-8 GI wire for earthing	Kg	50	113.6	5680.00
12	Bolt & Nut GI 16x55 mm	Kg	4.5	110.76	498.42
13	Piercing Connector LT Type A	No	10	113.6	1136.00
14	LT Stay set Complete	Set	5	738.40	3692.00
A	<b>A. Sub total</b>				<b>394,842.36</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>11,845.27</b>
C	<b>Sub Total (C=A+B)</b>				<b>406,687.63</b>
D	<b>T&amp;P @ 2% of C</b>				<b>8,133.75</b>

<b>E</b>	<b>Contingency @ 3% of C</b>				<b>12,200.63</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>30,501.57</b>
<b>G</b>	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>13091</b>
<b>H</b>	<b>Erection Charges @ 20% on PSC Poles</b>				
<b>I</b>	<b>Erection Charges @ 10% for other materials</b>				<b>14,486.76</b>
<b>J</b>	<b>Total</b>				<b>485,101.34</b>
15	Concrete materials for stay anchor plate	No.	5	1,653.00	8,265.00
16	Padding and concreting material for Support	No.	10	2,837.90	28,379.00
	<b>Total Rs.</b>				<b>521,745.34</b>
<b>III</b>	<b>INSTALLATION OF 100 KVA S/S</b>				
<b>1</b>	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	35129.38	70258.76
<b>2</b>	100 KVA , 11/0.4 KV Transformer BIS Energy Level-II	No	1	193901.50	193,901.50
<b>3</b>	MS Channel 100x50x6 mm	Kg	103	92.30	9,506.90
<b>4</b>	MS channel 75x40x6 mm	Kg	184	92.30	16,983.20
<b>5</b>	MS angle 50x50x6 mm	Kg	57	92.30	5,261.10
<b>6</b>	11 KV Disc insulator polymer type 70 KN(B&S)	No	6	1633.00	9,798.00
<b>7</b>	11 KV H/W fitting polymer type	Pair	6	497.00	2,982.00
<b>8</b>	PG Clamp for 100 sq. mm AAAC	No.	36	823.60	29,649.60
<b>9</b>	GI Flat 25x6 mm	Kg	11	106.50	1,171.50
<b>10</b>	GI Flat 50x6 mm	Kg	50	106.50	5,325.00
<b>11</b>	11 KV AB Switch(400 Amp, 3 pole)	Set	1	16827.00	16,827.00
<b>12</b>	11 KV DD Fuse 3 Pole	No	1	6678.78	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	1391.60	4,174.80
<b>15</b>	Conductor ACSR PVC(61.7 Sq. mm)	Mtr.	40	84.24	3369.60
<b>16</b>	HT Stay set complete	Set	2	1491.00	2982.00
<b>17</b>	7/10 SWG Stay wire	Kg	50	106.50	5325.00
<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	1491.00	7455.00
<b>21</b>	Earthing support coil type	No	5	235.72	1178.60
<b>22</b>	HDPE Pipe(25 mm)	Mtr.	25	56.80	1420.00
<b>23</b>	GI Pipe (100 mm)	Mtr.	5	710.00	3550.00
<b>24</b>	1.1 KV 4 core 95 sq. mm XLPE Cable	Mtr.	30	523.88	15716.40
<b>25</b>	1 core 95 sq. mm XLPE Cable(Armoured)	Mtr.	40	208.74	8349.60
<b>26</b>	LT Distribution Box with TP MCCB,Aluminium Bus bar for 100 KVA S/S	No	1	34674.98	34674.98
<b>27</b>	Al. cable socket 70 sq. mm	No	80	21.30	1704.00
<b>28</b>	Al. cable socket 95 sq. mm	No	16	28.40	454.40
<b>29</b>	GI Nuts, Bolts & washers	Kg	50	110.76	5538.00
<b>30</b>	Material for Masonary work for earth pit	No	5	568.00	2840.00
<b>31</b>	Charcoal, salt etc. for earthing	Kg	30	639.00	19170.00
<b>32</b>	GI barbed wire for Anticlimbing	Kg	4	113.60	454.40
<b>33</b>	Danger Plate	No	2	113.60	227.20
<b>A</b>	<b>A. Sub total</b>				<b>487,897.18</b>

<b>B</b>	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>14,636.92</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>502,534.10</b>
<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>10,050.68</b>
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>15,076.02</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>37,690.06</b>
<b>G</b>	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>13604.25</b>
<b>H</b>	<b>Erection Charges @ 20% on PSC Poles</b>				
<b>I</b>	<b>Erection Charges @ 10% for other materials</b>				<b>23044.9</b>
<b>J</b>	<b>Total</b>				<b>602,000.01</b>
34	Fabrication and galvanisation	Kg	500	13.00	6,500.00
35	Concrete material for stay anchor plate	No	2	1653.00	<b>3306.00</b>
36	Padding and Concreting materials for support	No	2	2837.97	<b>5675.94</b>
37	Economic Brick design fencing	No	1	92622.57	<b>92622.57</b>
38	Plinth for for transformer	No	1	22034.00	22034.00
	<b>Total Rs.</b>				<b>732,138.52</b>
	<b>Sub Total Rs.</b>				<b>1,653,885.18</b>
	<b>Cess @1%</b>				<b>16,538.85</b>
	<b>Total Estimated Cost</b>				<b>1,670,424.03</b>
	<b>Total Estimated Cost in Figures</b>				<b>1,670,424.00</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. Managar (Elect)**

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