

**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 :- 01 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO 4-E & 4-F TYPE STAFF QUARTERS AT BELPAHAR POLICE STATION IN THE DISTRICT OF JHARSUGUDA.**

**BID REF NO :-19/PM/ELECT/OPHWC/2026-27**

<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>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 KV 1 core 100 sq. mm XLPE insulated Un-armoured AAAC	Mtr.	154.5	127.80	19745.1
<b>2</b>	MS Channel 100x50x6 mm	Kg	4.6	92.30	424.58
<b>3</b>	MS channel 75x40x6 mm	Kg	3.4	92.30	313.82
<b>4</b>	GI Flat 50x6 mm	Kg	1.2	106.50	127.80
<b>5</b>	GI Flat 25x6 mm	Kg	0.9	106.50	95.85
<b>6</b>	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1150.20	1150.2
<b>7</b>	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.6
<b>8</b>	Top F clamp for PSC Pole ,2.9 Kg	No.	1	340.80	340.8
<b>9</b>	11 KV Disc insulator B&S polymer type 70 KN	No	1	1633.00	1,633.00
<b>10</b>	11 KV H/W fitting polymer type	Pair	1	497.00	497.00
<b>11</b>	PG clamp for 100 sq. mm AAAC	No	1	823.60	823.60
<b>12</b>	11 KV Pin Insulator Polymer	No	3	284.00	852.00
<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>	7/10 SWG Stay Wire ,7/3.25 mm	KG	4.2	106.50	447.30
<b>17</b>	7/8 SWG GIWire for earthing	KG	2.15	106.50	228.98
<b>18</b>	Earthing support coil type	No	1	235.72	235.72
<b>19</b>	Pipe HDPE	Mtr.	0.6	56.80	34.08
<b>20</b>	Charcoal, salt etc for earthing	Kg	0.4	639.00	255.60
<b>21</b>	GI Nut , Bolt & Washer of different sizes	Kg	2.15	110.76	238.134
<b>22</b>	GI barbed wire/Anticlimbing device	No	2.2	113.60	249.92

23	Danger plate	No	1	113.60	113.60
A	A. Sub total				29,660.18
B	B. Stock, Storage & Insurance @ 3% of A				889.81
C	Sub Total (C=A+B)				30,549.98
D	T&P @ 2% of C				611.00
E	Contingency @ 3% of C				916.50
F	Transportation @ 7.5% of C				2,291.25
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				3,055.00
J	Total				37,423.73
24	Fabrication and Galvanisation	Kg	3.264	13.00	42.43
25	Concrete material for stay anchor plate	Nos.	0.6	1,653.00	991.80
26	Padding and Concreting materials for support	Nos.	1	2,837.90	2,837.90
	<b>Total Rs.</b>				<b>41,295.86</b>
<b>B</b>	<b>11 KV LINE AAAC TAPPING ON RSJ POLE</b>				
1	10 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No.	3	31935.8	95,807.40
2	75X40X6 mm channel for straight cross arm	Kg	32.64	92.30	3012.672
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	Top F clamp for PSC Pole ,2.9 Kg	No.	1	340.80	340.8
6	11 KV Disc insulator B&S polymer type 70 KN	No	3	1633.00	4,899.00
7	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
8	PG clamp for 55 sq. mm AAAC	No	3	823.60	2,470.80
9	11 KV Pin Insulator Polymer	No	5	284.00	1,420.00
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(150x150 mm RS Joist)	Pair	2	177.50	355.00
13	7/10 SWG Stay Wire	KG	20	106.50	2,130.00
14	GI Nut , Bolt & Washer of different sizes	Kg	5	106.08	530.4
15	Earthing support coil type	No	1	235.72	235.72
A	A. Sub total				117,080.59
B	B. Stock, Storage & Insurance @ 3% of A				3,512.42
C	Sub Total (C=A+B)				120,593.01
D	T&P @ 2% of C				2,411.86
E	Contingency @ 3% of C				3,617.79
F	Transportation @ 7.5% of C				9,044.48
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				4934.08

<b>H</b>	<b>Erection Charges @ 20% on PSC Poles</b>				
<b>I</b>	<b>Erection Charges @ 10% for other materials</b>				<b>2,028.07</b>
<b>J</b>	<b>Total Rs.</b>				<b>142,629.29</b>
16	Concrete materials for stay anchor plate	No	2	1,653.00	3,306.00
17	Padding and concreting material for Support	No	1	2,837.90	2,837.90
	<b>Total Rs.</b>				<b>148,773.19</b>
<b>D</b>	<b>11 KV SP CUT POINT</b>				
<b>1</b>	75x40x6 mm Channel for Straight cross arm	Kg	32.64	92.30	3,012.67
<b>2</b>	11 KV Disc insulator B&S polymer type 70 KN	No	6	1633.00	9,798.00
<b>3</b>	11 KV H/W fitting polymer type	Pair	6	497.00	2,982.00
<b>4</b>	11 KV Pin Insulator Polymer	No	3	284.00	852.00
<b>5</b>	HT Stay Set (Complete)	Set	4	1491.00	5,964.00
<b>6</b>	HT Stay Insulator	No.	4	71.00	284.00
<b>7</b>	HT Stay Clamp	Pair	4	177.50	710.00
<b>8</b>	7/10 SWG Stay Wire ,7/3.25 mm	Kg	40	106.50	4,260.00
<b>9</b>	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	5	110.76	553.8
<b>10</b>	Earthing support coil type	No	1	235.72	235.72
<b>A</b>	<b>A. Sub total</b>				<b>28,652.19</b>
<b>B</b>	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>859.57</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>29,511.76</b>
<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>590.24</b>
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>885.35</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>2,213.38</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>2,951.18</b>
<b>J</b>	<b>Total</b>				<b>36,151.90</b>
11	Concrete materials for stay anchor plate	No	4	1,653.00	6,612.00
12	Padding and concreting material for Support	No	1	2,837.90	2,837.90
	<b>Total Rs.</b>				<b>45,601.80</b>
<b>II</b>	<b>LT Line</b>				
<b>1</b>	9 Mtr. Long RS Joist Pole(30.6 Kg/Mtr.)	No	1	25419.42	25419.42
<b>2</b>	1.1 KV 3C×95 mm <sup>2</sup> +1C×70+1C×16 mm <sup>2</sup> (LT AB Cable)	Km	0.034	345060.00	11559.51
<b>A</b>	<b>A. Sub total</b>				<b>36,978.93</b>
<b>B</b>	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>1,109.37</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>38,088.30</b>

<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>761.77</b>
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>1,142.65</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>2,856.62</b>
<b>G</b>	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>1309.1</b>
<b>H</b>	<b>Erection Charges @ 20% on PSC Poles</b>				
<b>I</b>	<b>Erection Charges @ 10% for other materials</b>				<b>1,190.63</b>
<b>J</b>	<b>Total</b>				<b>45,349.07</b>
<b>III</b>	<b>INSTALLATION OF 63 KVA S/S.</b>				
<b>1</b>	10 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No.	2	31935.8	63871.6
<b>2</b>	63 KVA , 11/0.4 KV Transformer BIS Energy Level-II	No	1	122830.00	122,830.00
<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	3	1633.00	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 25x6 mm	Kg	11	106.50	1,171.50
<b>10</b>	GI Flat 50x6 mm	Kg	43	106.50	4,579.50
<b>11</b>	11 KV AB Switch (400 Amp, 3 pole, HZ type)	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>	DD Fuse Link Unit(10A)	No	3	157.62	472.86
<b>14</b>	11 KV Lightning Arrester	EA	3	1391.60	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	1491.00	2,982.00
<b>17</b>	HT Stay Insulator	No.	2	71.00	142.00
<b>18</b>	HT Stay Clamp(150x150 mm RS Joist)	Pair	2	177.50	355.00
<b>19</b>	7/10 SWG Stay Wire ,7/3.25 mm	KG	25	106.50	2,662.50
<b>20</b>	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1491.00	7,455.00
<b>21</b>	Earthing of support Coil Type	No	1	235.72	235.72
<b>22</b>	Pipe HDPE(25 mm)	Mtr.	15	56.80	852.00
<b>23</b>	GI Pipe(100 mm)	Mtr.	3	710.00	2,130.00
<b>24</b>	1.1 KV 4Cx 95 sq. mm LT XLPE cable(Un Armoured)	Mtr	23	523.88	12,049.24
<b>25</b>	1 Core 95 sq. mm LT XLPE cable	Mtr	32	208.74	6,679.68
<b>26</b>	LT Distrubution Box with MCCB, Aluminim Busbar for 63 KVA S/S.	No	1	26017.24	26,017.24
<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 Nut, Bolt & washers of different sizes	Kg	25	110.76	2,769.00
<b>30</b>	Materials for Masonary work for earth pit	No.	5	568.00	2,840.00

31	Charcoal, salt etc for earthing	Kg	10	639.00	6,390.00
32	GI barbed wire/Anticlimbing device	No	4	113.60	454.40
33	Danger plate	No	2	113.60	227.20
A	<b>A. Sub total</b>				<b>339,302.22</b>
B	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>10,179.07</b>
C	<b>Sub Total (C=A+B)</b>				<b>349,481.29</b>
D	<b>T&amp;P @ 2% of C</b>				<b>6,989.63</b>
E	<b>Contingency @ 3% of C</b>				<b>10,484.44</b>
F	<b>Transportation @ 7.5% of C</b>				<b>26,211.10</b>
G	<b>Erection Charges @ 5% for transformer and joist pole cost including stock, storage &amp; insurance @3%</b>				<b>9615.13</b>
H	<b>Erection Charges @ 20% on PSC Poles</b>				
I	<b>Erection Charges @ 10% for other materials</b>				<b>15717.86</b>
J	<b>Total</b>				<b>418,499.44</b>
34	Fabrication and galvanisation	Kg	344	13.00	4,472.00
35	Concrete materials for stay anchor plate	M3	2	1,653.00	3,306.00
36	Padding and concreting material for Support	M3	2	2,837.90	5,675.80
37	Cost of fencing	EA	1	104,661.02	104,661.02
38	Dismantling of Transformer	No.	1	7,315.00	7,315.00
	<b>Total Rs.</b>				<b>543,929.26</b>
	Sub Total Rs.				<b>824,949.17</b>
	Cess @1%				<b>8249.49</b>
	Total Estimated Cost				<b>833,198.67</b>
	Total Estimated Cost in Figures				<b>833,199.00</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)