

**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 FOR POWER SUPPLY TO 6-F TYPE STAFF QUARTERS AT CHARICHHAKA FIRE STATION IN THE DISTRICT OF BOUDH.****BID REF NO.-86 /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 NEW TAPPING POLE</b>				
<b>1</b>	9 Mtr. Long 300 KG PSC Pole	No	1	4260.00	4260.00
<b>2</b>	Base plate for PSC Pole	No	1	361.34	361.34
<b>3</b>	100X50X6 mm Channel for straight cross Arm	Kg	28.68	106.50	3054.42
<b>4</b>	11 KV V cross arm	No	1	1150.20	1150.20
<b>5</b>	GI Back clamp for 11 KV V cross Arm	No	1	113.60	113.60
<b>6</b>	11 KV F Clamp	No	1	340.80	340.80
<b>7</b>	11 KV Disc insulator polymer type 45 KN	No	3	1221.20	3663.60
<b>8</b>	11 KV H/W fitting polymer type	Pair	3	184.60	553.80
<b>9</b>	11 KV Pin Insulator Polymer	No	6	284.00	1704.00
<b>10</b>	H.T. Stay clamp, 50x8 mm. Flat(GI), 3.14Kg/Mtr., 0.551 Mtr. Length, 2 no's qty. required ( 1 Pair)	EA	1	177.50	177.50
<b>11</b>	H.T. Stay set (Complete )	SET	1	1491.00	1491.00
<b>12</b>	H.T. Stay Insulator Type-C	EA	1	71.00	71.00
<b>13</b>	7/10 SWG Stay Wire 15kg /stay	KG	10	106.50	1065.00
<b>14</b>	Earthing of Support ( Coil Type )	No	1	235.72	235.72
<b>15</b>	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.262	106.50	27.90
<b>16</b>	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole )	Kg	3.75	110.76	415.35
<b>17</b>	Fish Plate 50x8 mm., 0.97 kg/Mtr., each 0.280 mtr. length, 16 no's required	Kg	1.086	106.50	115.66
<b>18</b>	Danger plate	Kg	1	113.60	113.60
<b>19</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	0.306	106.50	32.59
<b>20</b>	GI barbed wire/Anticlimbing device	No	3	113.60	340.80
<b>21</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	1.224	106.50	130.36
<b>22</b>	55 sq. mm AAAC	Mtr.	1.03	42.60	43.88

23	Saundries	Set	1.00	500.00	500.00
24	Yellow colour paint	Ltr	1	212.77	212.77
25	Black paint	Ltr	0.5	312.40	156.20
<b>A</b>	<b>A. Sub total</b>				<b>20,331.09</b>
<b>B</b>	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>609.93</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>20,941.02</b>
<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>418.82</b>
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>628.23</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>1,570.58</b>
	<b>Erection Charges @ 20% on poles</b>				<b>877.56</b>
<b>G</b>	<b>Erection Charges @ 10%</b>				<b>1,655.32</b>
<b>H</b>	<b>Total</b>				<b>26,091.52</b>
26	Concreting Ratio 1:1.5:3(500 mmx500mmx2200 mm)	No.	1	2493.32	2,493.32
27	Couping Ratio 1:1:5:3 with dimension(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	No.	1	748.00	748.00
28	Stay concreting in Ratio 1:2:4	No	1	1330.00	1,330.00
	<b>Total Material + Services Cost (J+K)</b>				<b>30,662.84</b>
<b>B</b>	<b>11 KV PIN POINTS WITH PSC</b>				
<b>1</b>	55 sq. mm AAAC	Mtr.	30.90	42.60	1316.34
<b>A</b>	<b>A. Sub total</b>				<b>1,316.34</b>
<b>B</b>	<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>				<b>39.49</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>1,355.83</b>
<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>27.12</b>
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>40.67</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>101.69</b>
	<b>Erection Charges @ 20% on poles</b>				
<b>G</b>	<b>Erection Charges @ 10%</b>				<b>135.58</b>
<b>H</b>	<b>Total</b>				<b>1,660.89</b>
<b>II</b>	<b>INSTALLATION OF 100 KVA S/S.</b>				
<b>1</b>	100 KVA , 11/0.4 KV(AL) Transformer BIS Energy Level-II	No	1	189025.33	189025.33
<b>2</b>	9 Mtr. Long 300 KG PSC Pole	No	2	4260	8520.00
<b>3</b>	Base plate for PSC Pole	No.	2	361.34	722.68
<b>4</b>	GI Channel 100x50x6 mm	Kg	107.072	106.50	11403.17
<b>5</b>	GI channel 75x40x4.5 mm	Kg	123.244	106.50	13125.49
<b>6</b>	GI angle 50x50x6 mm,4.5 Kg/Mtr.	Kg	31.607	106.50	3366.15
<b>7</b>	Fish Plate 50x8 mm ,2.36 Kg/Mtr.,each 0.280 Mtr., 6 nos. required	Kg	5.275	106.50	561.79
<b>8</b>	Back clamp for LTDB	Kg	6.6	106.50	702.90
<b>9</b>	Danger plate	Kg	2	113.60	227.20
<b>10</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	0.602	106.50	64.11
<b>11</b>	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
<b>12</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	106.50	256.37
<b>13</b>	11 KV LA (9 KV,10 KA, DH Class	No	3	1260.00	3780.00

14	11 KV AB switch (200 Amp, 3 pole)	Set	1	10437.00	10437.00
15	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	8690.00	8690.00
16	LT Distrubution Box with MCCB, Aluminim Busbar for 100 KVA S/S.	No	1	32714.41	32714.41
17	11 KV Pin Insulator polymer type	No	3	284.00	852.00
18	Earthing of support Coil Type	No	2	235.72	471.44
19	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.262	106.50	27.90
20	HT Stay Set (Complete)	Set	4	1491.00	5964.00
21	HT Stay Insulator	No.	4	177.50	710.00
22	HT Stay Clamp(1.95 K.g/Pair)	Pair	4	71.60	286.40
23	7/10 SWG Stay Wire	KG	40	106.50	4260.00
24	1.1 KV Al 1Cx 150 sq. mm Un-armoured Cable	Mtr	40	155.32	6212.80
25	Gland for 1.1 KV AL 1Cx95 sq. mm	No.	4	257.60	1030.40
26	Lug AL crimping 150 sq. mm XLPE single Hole	No	4	42.60	170.40
27	11 KV Disc insulator polymer type 45 KN	No	3	1221.20	3663.60
28	11 KV H/W fitting polymer type	Pair	3	184.60	553.80
29	Clamp PG Conductor Rabbit ACSR 55 sq. mm	No.	3	681.60	2044.80
30	55 SQ. mm ACSR Conductor PVC Insulated	Mtr.	20	41.50	830.00
31	GI Nut, Bolt & washers of different sizes	Kg	25	110.76	2769.00
32	GI Pipe for earthing 40mm dia 3mtr long	No	7	1491.00	10437.00
33	GI Flat 25x6 mm	Kg	78.523	106.50	8362.70
34	Yellow colour paint for Background	Ltr	2	212.77	425.54
35	Black colour paint for numbering	Ltr	1	312.40	312.40
36	Sundries	Set	1	500.00	500.00
A	<b>TOTAL MATERIAL COST (FOR-2020-21)</b>				<b>334,162.37</b>
B	<b>Stock, Storage &amp; Insurance @ 3% of A</b>				<b>10,024.87</b>
C	<b>Sub Total (C=A+B)</b>				<b>344,187.24</b>
D	<b>Contingency @3% of C</b>				<b>10,325.62</b>
E	<b>T &amp; P 2% of C</b>				<b>6,883.70</b>
F	<b>Transportation @ 7.5% of C</b>				<b>25,814.04</b>
G	<b>Erection Charges for PSC Pole @ 20%</b>				<b>1,755.12</b>
H	<b>Erection Charges of DTR and Joist Poles @ 5%</b>				<b>9,734.80</b>
I	<b>Erection Charges of other @ 10%</b>				<b>12,996.33</b>
J	<b>Sub Total Rs.</b>				<b>411,696.85</b>
37	Concreting Ratio 1:1:5:3(500 mmx500mmx2200 mm)	No.	2	2493.32	4,986.64
38	Couping Ratio 1:1:5:3 with dimension(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	No.	2	748.00	1,496.00
39	Stay concreting in Ratio 1:2:4	No.	4	1330.00	5,320.00
40	Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe.	No	7	3784.73	<b>26,493.11</b>
41	Plinth	No	1	28000.00	<b>28,000.00</b>
42	Brick Boundary wall Fencing 3Mx3M	Mtr.	12	7300.08	<b>87,600.96</b>
43	survey and Digitalisation of New DSS	No.	1	6883	<b>6,883.00</b>
	<b>Total Rs.</b>				<b>572,476.56</b>

II	LT LINE-0.3 Km(3x50+1x35) sq. mm AB Cable				
1	8 Mtr. Long 200 KG PSC Pole	No	10	2840.00	28400.00
2	Base Plate for PSC Pole	No	10	361.34	3613.40
3	L.T Stay set (Complete )	Set	8	738.40	5907.20
4	L.T Stay Insulator	No.	8	42.60	340.80
5	L.T Stay Clamp(1.4 K.g/Pair)	Pair	8	156.20	1249.60
6	7/12 SWG Stay Wire	Kg	32	106.50	3408.00
7	Pole clamp for eye Hook for AB cable	Pair	11	284.00	3124.00
8	Suspension clamp with I Hook for ABC	No.	5	482.80	2414.00
9	Eye hook for AB Dead End cable	No.	8	85.20	681.63
10	Dead end clamp suitable for XLPE cable	No	8	92.30	738.37
11	3x50+1x35 sqmm AB Cable	Mtr.	315.00	184.60	58149.00
12	Cable end for ABC 50 sq. mm	Mtr.	16.00	8.27	132.32
13	Polycarbonate Distribution box 10 way	No.	1.00	920.34	920.34
14	IPC-type-B main 16-150 sq. mm	No.	4.00	58.82	235.28
15	IPC-type-B main 25-150 sq. mm	No.	4.00	113.60	454.40
16	Buckles for steel strap	EA	0.05	705.00	35.25
17	Steel strap size 20 mmx50 mm Long	Rol	0.05	1584.03	79.20
18	Earthing of support Coil Type	No.	10.00	235.72	2357.20
19	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	2.62	106.50	279.03
20	Danger plate	Kg	10	113.60	1136.00
21	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	3.01	106.50	320.57
22	GI Nuts and Bolts of assorted size	Kg	4.5	110.76	498.42
23	Yellow colour paint for Background	Ltr	10	212.77	2127.70
24	Black colour paint for numbering	Ltr	5	312.40	1562.00
25	Sundries	Set	1	500.00	500.00
<b>A</b>	<b>TOTAL MATERIAL COST (FOR-2020-21)</b>				<b>118,663.71</b>
<b>B</b>	<b>Stock, Storage &amp; Insurance @ 3% of A</b>				<b>3,559.91</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>122,223.62</b>
<b>D</b>	<b>Contingency @3% of C</b>				<b>3,666.71</b>
<b>E</b>	<b>T &amp; P 2% of C</b>				<b>2,444.47</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>9,166.77</b>
<b>G</b>	<b>Erection Charges for PSC Pole @ 20%</b>				<b>5,850.40</b>
<b>H</b>	<b>Erection Charges of DTR and Joist Poles @ 5%</b>				
<b>I</b>	<b>Erection Charges of other @ 10%</b>				<b>9,297.16</b>
<b>J</b>	<b>Sub Total Rs.</b>				<b>152,649.13</b>
26	Stay concreting in ratio C.C ,1:2:4 as per TPSODL Drawing and specification.	Nos.	8	1330.00	10640.00
27	Concreting of 9 Mtr./ 8 Mtr. PSC Pole in ratio C:C 1:1:5:3=0.375 cum	Nos.	10	2493.32	24933.20
28	Couping of poles C.C 1:1:5:3,0.1125 cum	Nos.	10	748.00	7480.00
29	Survey of incremental / delta network and assets changes of LT network and updation in GESW database.	Km	0.3	9633.00	2889.90
	<b>Total Rs.</b>				<b>198592.23</b>

IV	SERVICE CONNECTION(FOR EV CHARGING)				
1	1.1 KV AL 4 core 10 sq. mm XLPE armoured Cable	Mtr.	30	102.97	3089.10
3	GI Nut, Bolt & washers of different sizes	Kg	1.5	110.76	166.14
4	GI Flat 25x4 mm 3 pcs of size	Kg	6	106.50	639.00
5	No. 8 SWG GI wire	Kg	5	106.50	532.50
2	40 mm dia GI S/C Bracket	No.	1	691.80	691.80
6	Flat 25x6 mm	Kg	2.142	106.50	228.12
7	Sundries(Saddle, M-seal, Tape)	Ls	1	500.00	500.00
A	<b>TOTAL MATERIAL COST (FOR-2020-21)</b>				<b>5,846.66</b>
B	<b>Stock, Storage &amp; Insurance @ 3% of A</b>				175.40
C	<b>Sub Total (C=A+B)</b>				<b>6,022.06</b>
D	<b>Contingency @3% of C</b>				<b>180.66</b>
E	<b>T &amp; P 2% of C</b>				<b>120.44</b>
F	<b>Transportation @ 7.5% of C</b>				<b>451.65</b>
G	<b>Erection Charges for PSC Pole @ 20%</b>				
H	<b>Erection Charges of DTR and Joist Poles @ 5%</b>				
I	<b>Erection Charges of other @ 10%</b>				<b>602.21</b>
J	<b>Total Rs.</b>				<b>7,377.03</b>
	<b>Sub Total Rs.</b>				<b>₹ 810,769.55</b>
	<b>Cess @ 1%</b>				<b>₹ 8,107.70</b>
	<b>Total Estimated Cost</b>				<b>₹ 818,877.25</b>
	<b>Total Estimated Cost in Figures</b>				<b>₹ 818,877.00</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)**