

**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 :- 03 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO AMENITY CENTRE AT RESERVE OFFICE, PHULBANI IN THE DISTRICT OF KANDHAMAL.**

**BID REF NO.- 86/PM/ELECT/OPHWC/2025-26**

<b>NAME &amp; ADDRESS OF THE FIRM</b>	
---------------------------------------	--

**SCHEDULE OF WORKS**

**SCOPE OF WORKS**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
<b>I</b>	<b>INSTALLATION OF 100 KVA S/S.</b>				
1	100 KVA , 11/0.4 KV(AL) Transformer BIS Energy Level-II	No	1	189025.33	189025.33
2	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No.	2	34321.52	68643.04
3	GI Channel 100x50x6 mm ,9.56 Kg/Mtr.	Kg	107.072	106.50	11403.17
4	GI channel 75x40x4.5 mm ,7.14 Kg/Mtr.	Kg	123.244	106.50	13125.49
5	GI angle 50x50x6 mm,4.5 Kg/Mtr.	Kg	27.99	106.50	2980.94
6	Fish Plate 50x8 mm ,2.36 Kg/Mtr.,each 0.280 Mtr., 6 nos. required	Kg	5.275	106.50	561.79
7	Back clamp for LTDB	Kg	10.218	106.50	1088.22
8	Danger plate	No.	2	113.60	227.20
9	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	106.50	64.09
10	GI barbed wire/Anticlimbing device	Kg	6	113.60	681.60
11	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
12	11 KV LA (9 KV,10 KA, DH Class	No	3	1260.00	3780.00
13	11 KV AB switch (200 Amp, 3 pole, 50 Hz)	Set	1	10437.00	10437.00
14	11 KV HG Fuse (200 Amp, 3 pole, 50 Hz)	Set	1	8690.00	8690.00
15	LT Distrubution Box with MCCB, Aluminim Busbar for 100 KVA S/S.	No	1	32714.41	32714.41
16	11 KV 5 KN Pin Insulator polymer type	No	3	284.00	852.00
17	Earthing of support Coil Type	No	2	235.72	471.44
18	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

19	HT Stay Set (Complete)	Set	2	1491.00	2982.00
20	HT Stay Insulator	No.	2	177.50	355.00
21	HT Stay Clamp(1.95 K.g/Pair)	Pair	2	71.60	143.20
22	7/10 SWG Stay Wire	KG	20	106.50	2130.00
23	1.1 KV Al 1Cx 150 sq. mm Un-armoured Cable	Mtr	20	155.32	3106.40
24	Gland for 1.1 KV AL 1Cx95 sq. mm	No.	4	257.60	1030.40
25	Lug AL crimping 150 sq. mm XLPE single Hole	No	8	42.60	340.80
26	11 KV Disc insulator polymer type 70 KN(B&S)	No	6	1633.00	9798.00
27	11 KV H/W fitting(B&S),70 KN,3 Bolt polymer type	Pair	6	497.00	2982.00
28	Clamp PG Conductor Rabbit ACSR 55 sq. mm	No.	6	681.60	4089.60
29	55 SQ. mm ACSR Conductor PVC Insulated	Mtr.	20	41.50	830.00
30	GI Nut, Bolt & washers of different sizes	Kg	25	110.76	2769.00
31	GI Pipe for earthing 40mm dia 3mtr long	No	7	1491.00	10437.00
32	GI Flat 25x6 mm,2.36 KG/Mtr.	Kg	78.523	106.50	8362.70
33	Yellow colour paint for Background	Ltr	2	212.77	425.54
34	Black colour paint for numbering	Ltr	1	312.40	312.40
35	Sundries(Bind wire, Tree Trim etc.)	Set	1	500.00	500.00
A	<b>TOTAL MATERIAL COST (FOR-2020-21)</b>				<b>395,624.01</b>
B	<b>Stock, Storage &amp; Insurance @ 3% of A</b>				<b>11,868.72</b>
C	<b>Sub Total (C=A+B)</b>				<b>407,492.73</b>
D	<b>Contingency @3% of C</b>				<b>12,224.78</b>
E	<b>T &amp; P 2% of C</b>				<b>8,149.84</b>
F	<b>Transportation @ 7.5% of C</b>				<b>30,561.96</b>
G	<b>Erection Charges for PSC Pole @ 20%</b>				
H	<b>Erection Charges of DTR and Joist Poles @ 5%</b>				<b>13,269.92</b>
I	<b>Erection Charges of other @ 10%</b>				<b>13,134.34</b>
J	<b>Sub Total Rs.</b>				<b>484,833.57</b>
36	Concreting Ratio 1:1:5:3(500 mmx500mmx2200 mm)	No.	2	2991.98	5,983.96
37	Couping Ratio 1:1:5:3 with dimension(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	No.	2	748.00	1,496.00
38	Stay concreting in Ratio 1:2:4	No.	2	1330.00	2,660.00
39	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>
40	Plinth	No	1	28000.00	<b>28,000.00</b>
41	Brick Boundary wall Fencing 3Mx3M	Mtr.	18	7300.08	<b>131,401.44</b>
42	survey and Digitalisation of New DSS	No.	1	6883.00	<b>6,883.00</b>
	<b>Total Rs.</b>				<b>687,751.08</b>
<b>II</b>	<b>LT LINE-0.13 Km(3x50+1x35+1x16) sq. mm AB Cable</b>				
1	9 Mtr. Long 300 KG PSC Pole	No	4	4260.00	17040.00
2	Base Plate for PSC Pole	No	4	361.34	1445.36
3	L.T Stay set (Complete )	Set	4	738.40	2953.60
4	L.T Stay Insulator	No.	4	42.60	170.40
5	L.T Stay Clamp(1.4 K.g/Pair)	Pair	4	156.20	624.80

6	7/12 SWG Stay Wire	Kg	16	106.50	1704.00
7	Pole clamp for eye Hook for AB cable	Pair	8	284.00	2272.00
8	Suspension clamp with I Hook for ABC	No.	2	482.80	965.60
9	Eye hook for AB Dead End cable	No.	8	85.20	681.63
10	Dead end clamp suitable for XLPE cable	No	6	92.30	553.78
11	3x50+1x35+1x16 sqmm LT AB Cable	Mtr.	136.50	198.80	27136.20
12	Cable 1.1 KV AL. 4Cx25 sq. mm Armoured	Mtr.	2.00	182.47	364.94
13	Polycarbonate Distribution box 10 way	No.	1.00	920.34	920.34
14	IPC-type-B main 16-150 sq. mm & Tap-4	No.	4.00	58.82	235.28
15	Earthing of support Coil Type	No.	4.00	235.72	942.88
16	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	1.022	106.50	108.84
17	Danger plate400/440 Volt	No.	4	113.60	454.40
18	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	1.174	106.50	125.03
19	GI barbed wire/Anticlimbing device	Kg	12	113.60	1363.20
20	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	4.816	106.50	512.90
21	GI Nuts and Bolts of assorted size	Kg	1.95	110.76	215.98
22	Yellow colour paint for Background	Ltr	4	212.77	851.08
23	Black colour paint for numbering	Ltr	2	312.40	624.80
24	Sundries	Set	1	500.00	500.00
<b>A</b>	<b>TOTAL MATERIAL COST (FOR-2020-21)</b>				<b>62,767.05</b>
<b>B</b>	<b>Stock, Storage &amp; Insurance @ 3% of A</b>				<b>1,883.01</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>64,650.06</b>
<b>D</b>	<b>Contingency @3% of C</b>				<b>1,939.50</b>
<b>E</b>	<b>T &amp; P 2% of C</b>				<b>1,293.00</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>4,848.75</b>
<b>G</b>	<b>Erection Charges for PSC Pole @ 20%</b>				<b>3,510.24</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>4,709.89</b>
<b>J</b>	<b>Sub Total Rs.</b>				<b>80,951.44</b>
25	Stay concreting in ratio C.C ,1:2:4 as per TPSODL Drawing and specification.	Nos.	4	1330.00	5320.00
26	Concreting of 9 Mtr./ 8 Mtr. PSC Pole in ratio C:C 1:1:5:3=0.375 cum	Nos.	4	2493.32	9973.28
27	Couping of poles C.C 1:1:5:3,0.1125 cum	Nos.	4	748.00	2992.00
28	Survey of incremental / delta network and assets changes of LT network and updation in GESW database.	Km	0.13	9633.00	1252.29
	<b>Total Rs.</b>				<b>100489.01</b>
<b>III</b>	<b>SERVICE CONNECTION</b>				
1	3.5Core 35 sq. mm LT PVC cable(un armoured)	Mtr.	30	215.84	6475.20
2	63 Amp Kit Kat Fuse	No.	3	707.16	2121.48
3	GI Nuts and Bolts of assorted size	Kg	1.5	110.76	166.14

4	25x4 mm GI Flat	Kg	6	106.50	639.00
5	No. 8 SWG GI wire	Kg	5	106.50	532.50
6	GI service connection Bracket	No.	1	383.40	383.40
7	Sundries	Ls	1	500.00	500.00
	Total Rs.				10817.72
	A.Sub Total Rs.				10817.72
B	Stock,storage and insurance (@3% on A)				<b>324.53</b>
C	TOTAL RS.				<b>11142.25</b>
D	T&P @ 2% of C				<b>222.85</b>
E	Contigency @ 3% of C				<b>334.27</b>
F	Transportation @ 7.5% of C				<b>835.67</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>1114.23</b>
H	TOTAL RS.				<b>13649.26</b>
	<b>Sub Total Rs.</b>				<b>801,889.35</b>
	Cess @1%				8,018.89
	Total Estimated Cost				809,908.25
	Total Estimated Cost in Figures				<b>809,908.00</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)**