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 URBAN POLICE STATION AT BHANJPUR, BARIPADA IN THE DISTRICT OF MAYURBHANJ.

BID REF NO - 49/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.
I	**Construction of 11 KV Line**				
A	**DP WITHOUT AB SWITCH**				
1	WPB (GI) Pole 160x160 (11 Mtr. Long)30.4 Kg/Mtr.	No.	2	37,762.42	75,524.84
2	100X50X6mm Top Channel 9.56 Kg/Mtr.	Kg.	43.976	112.78	4,959.61
3	Fish plate GI channel 50x6 mm ,2.36 Kg/Mtr.	Kg	12	112.78	1,353.36
4	Double Pole Belting Channel 75x40x4.8 mm	Kg.	47.41	112.78	5,346.90
5	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	48.078	112.78	5,422.24
6	Danger Plate	No	2	120.30	240.60
7	Back clamp for Danger Plate,25x3 mm flat	No	0.602	112.78	67.89
8	HT stay set complete	Pair	3	1,578.89	4,736.67
9	HT Stay Insulator	No.	3	75.19	225.57
10	HT stay clamp	Pair	3	187.96	563.88
11	7/10 SWG Stay wire	Kg	45	112.78	5,075.10
12	GI Pipe for earthing 40mm dia 3mtr long	EA	1	1,578.89	1,578.89
13	50x6 mm GI Flat for earthing	Kg	11.8	112.78	1,330.80
14	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	6	120.30	721.80
15	Back clamp for Anticlimbing Device	Kg	2.407	112.78	271.46
16	11 KV Pin Insulator polymer	No.	3	300.74	902.22
17	11 KV B&S Hardware (70KN)	set	15	526.30	7,894.50
18	Disc insulator(B&S)70 KN Polymer	No	15	1,729.26	25,938.90
19	Non metallic Ties 11 KV(For covered conductor)	No	3	290.45	871.35
20	IPC for 99 sq. mm AAA conductor	No	6	429.13	2,574.78
21	Spike GI using 50x6 mm GI flat	No.	4	384.01	1,536.04
22	GI nut,bolt & washer	Kg	12.26	117.29	1,437.98

23	Black paint	Ltr.	1	330.81	330.81
24	Yellow colour paint for Back ground	Ltr.	2	162.00	324.00
A	TOTAL MATERIAL COST				**149,230.19**
B	Stock, Storage & Insurance @ 3% of A				**4,476.91**
C	Sub Total (C=A+B)				**153,707.10**
D	Contingency @3% of C				**4,611.21**
E	T & P 2% of C				**3,074.14**
F	Transportation @ 7.5% of C				**11,528.03**
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				**3,889.53**
I	Erection Charges of other @ 10%				**6,337.11**
J	Sub Total				**183,147.13**
25	Fixing of 11 KV Line complete Set	Set	3	2,301.53	6,904.59
26	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.9	**6,500.00**	**5,850.00**
27	Couping ratio 1:1:5:3(500x500x1500)	M3	0.225	**6,500.00**	**1,462.50**
28	Construction of earth chamber	No	1	**4,603.05**	**4,603.05**
	Total Rs.				**201,967.27**
B	**11 KV PIN POINTS WITH WPB**				
1	WPB (GI) Pole 160x160 (11 Mtr. Long)30.4 Kg/Mtr.	No.	1	37,762.42	37,762.42
2	11 K.V. V cross arm	No.	1	1,218.00	1,218.00
3	Top Bracket 100x50x6 mm GI channel	EA	1	360.89	360.89
4	Danger Plate	No	1	120.30	120.30
5	Back clamp for Danger Plate,25x3 mm flat	No	0.301	112.78	33.95
6	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	3	120.30	360.90
7	Back clamp for Anticlimbing Device	Kg	1.204	112.78	135.79
8	11 KV Pin Insulator polymer	No.	3	300.74	902.22
9	Spike GI using 50x6 mm GI flat	No.	2	384.01	768.02
10	Non metallic Ties 11 KV(For covered conductor)	No	3	290.45	871.35
11	Earthing support coil type	No	1	249.61	249.61
12	No.8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.	Kg	0.262	112.78	29.55
13	GI nut,bolt & washer	Kg	1.45	117.29	170.07
14	99 sq. mm AAAC XLPE Covered conductor	Mtr.	309.000	248.68	76,842.12
15	Black paint	Ltr.	1	330.81	330.81
16	Yellow colour paint for Back ground	Ltr.	2	162.00	324.00
A	TOTAL MATERIAL COST				**120,479.99**
B	Stock, Storage & Insurance @ 3% of A				**3,614.40**
C	Sub Total (C=A+B)				**124,094.39**
D	Contingency @3% of C				**3,722.83**
E	T & P 2% of C				**2,481.89**
F	Transportation @ 7.5% of C				**9,307.08**

G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				**1,944.76**
I	Erection Charges of other @ 10%				**8,519.91**
J	Sub Total				**150,070.86**
17	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.45	**6,500.00**	**2,925.00**
18	Couping ratio 1:1:5:3(500x500x1500)	M3	0.113	**6,500.00**	**734.50**
	Total Rs.				**153,730.36**
II	**INSTALLATION OF 63 KVA S/S.**				
1	WPB (GI) Pole 160x152 (11 Mtr. Long)30.4 Kg/Mtr.	No.	2	37,762.42	75,524.84
2	Top GI Channel 100x50x6 mm	Kg	131.26	112.78	14,803.39
3	Fish plate GI channel 50x8 mm ,0.280 Mtr. Each	Kg	3.965	112.78	447.17
4	MU Channel GI 75x40x4.8 mm	Kg	145.8	112.78	16,443.21
5	Cantilever support angle 50x50x6 mm	Kg	52.75	112.78	5,949.15
6	GI Flat 50x6 mm	Kg	154.816	112.78	17,460.15
7	63 KVA 11/0.4 KV(AL)Transformer BIS Energy Level-II	No.	1	130,064.02	130,064.02
8	LT Distrubution Box with MCCB ,Aluminium Bus bar etc.	No	1	27,549.51	27,549.51
9	55 sq. mm AAAC	Mtr.	50	63.59	3,179.50
10	4 Cx 95 sq. mm LT XLPE cable(Armoured)	Mtr	15	449.24	6,738.60
11	AB switch 11 KV 200A 2 pole Horizontal	Set	1	11,051.68	11,051.68
12	Fuse Horn Gap 11 KV 2 pole complete 200A	Set	1	9,202.22	9,202.22
13	PG Clamp for 55 sq. mm AAAC	No.	6	721.78	4,330.68
14	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1,729.26	5,187.78
15	11 KV H/W fitting polymer type	Pair	3	526.30	1,578.90
16	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5,337.89	16,013.67
17	11 KV pin insulator Polymer	No.	3	300.74	902.22
18	HT stay set complete	Pair	2	1,578.89	3,157.78
19	HT Stay Insulator	No.	2	75.19	150.38
20	HT stay clamp	Pair	2	187.96	375.92
21	7/10 SWG Stay wire	Kg	30	112.78	3,383.40
22	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1,578.89	7,894.45
23	GI Nut, Bolt & washers of different sizes	Kg	25	117.29	2,932.25
24	GI Barbed wire anticlimbing device 3 Kg	Kg	6	120.30	721.80
25	Back clamp for anticlimbing Device 25x3	Kg	4.8	112.78	541.34
26	Danger Plate(LT)	No.	2	120.30	240.60
27	Back clamp for Danger Plate 25x3 mm Flat	Kg	1.2	112.78	135.34
28	Name Plate	No	1	120.30	120.30
29	Black paint	Ltr	1	330.81	330.81
30	Yellow colour paint for Back ground	Ltr	2	162.00	324.00
	Sub total Rs.				**366,735.06**

B	Stock, Storage & Insurance @ 3% of A				**11,002.05**
C	Sub Total (C=A+B)				**377,737.11**
D	Contingency @3% of C				**11,332.11**
E	T & P 2% of C				**7,554.74**
F	Transportation @ 7.5% of C				**28,330.28**
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				**10,587.83**
I	Erection Charges of other @ 10%				**14,363.00**
J	Sub Total				**449,905.08**
31	Concreting ratio 1:1:5:3(500x500x1800)mm	Cumtr.	0.9	**6,500.00**	**5,850.00**
32	Couping ratio 1:1:5:3(500x500x450)mm	Cumtr.	0.226	**6,500.00**	**1,469.00**
33	Fixing of stay set with 0.5 cum cement concrete	No.	2	**2,301.53**	**4,603.06**
34	Laying of 4Cx95 sq. mm LT XLPE Cable	Mtr.	15	**47.87**	**718.05**
35	Construction of earth chamber	No	5	**4,603.05**	**23,015.25**
36	Supply and erection of GI fencing with Gate as per TPNODL.	M2	15	**3,682.00**	**55,230.00**
37	**Total Rs.**				**540,790.44**
	TOTAL RS. PART-I+PART-II				**896,488.07**
III	**LT LINE -0.06 Km**				
1	9 mtr Long 150x150 mm GI Joist Pole(30.6 Kg/Mtr.)	No.	2	31,057.48	62,117.84
2	LT Stay set complete	Set	2	781.92	1,563.84
3	7/12 SWG GI stay wire	Kg	24	112.78	2,706.72
4	LT stay insulator	No.	2	165.40	330.80
5	LT stay clamp	No.	2	45.11	90.22
6	Pole clamp with I hook(ABC)	Pair	2	300.74	601.48
7	Dead end clamp	No.	4	97.74	390.96
8	Suspension clamp with I hook	No.	2	511.26	1,022.52
9	LT XLPE AB cable(3x50+1x35+1x16) sq. mm	Mtr.	63	210.52	13,262.76
10	Coil Earthing	No	2	249.61	499.22
11	No.8 GI wire(Dia 4.6 mm)0.131 Kg/Mtr.	Kg	0.524	112.78	59.10
12	Danger plate (LT)	Nos.	2	120.30	217.60
13	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	0.722	112.78	73.64
14	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	6	120.30	652.80
15	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	2.889	112.78	294.68
16	GI Nuts, Bolts, & washers of different sizes	Kg	1	117.29	117.29
17	Black paint	Ltr	1	330.81	330.81
18	Yellow colour paint for Back ground	Ltr	2	249.61	499.22
A	Total Rs.				**84,831.50**
B	Stock, Storage & Insurance @ 3% of A				**2,544.94**
C	Sub Total (C=A+B)				**87,376.44**
D	Contingency @3% of C				**2,621.29**
E	T & P 2% of C				**1,747.53**

F	Transportation @ 7.5% of C				**6,553.23**
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				**3,199.06**
I	Erection Charges of other @ 10%				**2,339.51**
J	Sub Total				**103,837.07**
19	Fixing of LT complete stay set	No	2	**2,369.00**	**4,500.00**
20	Concreting ratio 1:1:5:3(500x500x1500)mm	Cumtr.	0.9	**965.00**	**5,850.00**
					10,350.00
	Total Rs.				**114,187.07**
	Sub Total Rs.				**1,010,675.14**
	Cess @1%				**10,106.75**
	Total Estimated Cost				**1,020,781.89**
	Total Estimated Cost in Figures				**1,020,782.00**
EXCESS	☐ LESS ☐ (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)