

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
[Electrical Division]
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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 BUS STAND AT KOREI (C-TYPE), (PHASE-II OF ABS SCHEME) UNDER KOREI BLOCK IN THE DISTRICT OF JAJPUR.

BID REF NO :-29/PM/ELECT/OPHWC/2025-26

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
1	Construction of 11 KV Line				
1	WPB (GI) Pole 160x152 (13 Mtr. Long)30.4 Kg/Mtr.	No.	4	38840.87	155,363.48
2	WPB (GI) Pole 160x160 (11 Mtr. Long)30.4 Kg/Mtr.	No.	2	37762.42	75,524.84
3	11 K.V. V cross arm	No.	4	1218.00	4,872.00
4	Top Bracket 100x50x6 mm GI channel	EA	4	360.89	1,443.56
5	80 Sq. mm AAAC	Mtr.	93	64.66	6,013.38
6	99 sq. mm AAAC XLPE Covered conductor	Mtr.	588.000	248.68	146,223.84
7	PG clamp for 80 sq. mm AAA conductor	No	6	796.96	4,781.76
8	PG clamp for 100 sq. mm AAA conductor	No	21	872.15	18,315.15
9	11 KV Pin Insulator polymer	No.	27	300.74	8,119.98
10	11 KV B&S Hardware (70KN)	set	27	526.30	14,210.10
11	Disc insulator(B&S)70 KN Polymer	No	27	1729.26	46,690.02
12	Non metallic Ties 11 KV(For covered conductor)	No	21	290.45	6,099.45
13	IPC for 99 sq. mm AAA conductor	No	21	429.13	9,011.73
14	Back clamp for V cross arm	No.	4	120.30	481.20
15	Earthing support coil type	No	6	249.61	1,497.66
16	100X50X6mm Top Channel 9.56 Kg/Mtr.	Kg.	115	112.78	12,969.70
17	Double Pole Belting Channel 75x40x4.8 mm	Kg.	61	112.78	6,879.58

18	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	62.1	112.78	7,003.64
19	Danger Plate	No	6	120.30	721.80
20	Back clamp for Danger Plate,25x3 mm flat	No	3.62	112.78	408.26
21	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	18	120.30	2,165.40
22	Back clamp for Anticlimbing Device	Kg	7.22	112.78	814.27
23	GI nut,bolt & washer	Kg	50	117.29	5,864.50
24	Black paint	Ltr.	6	330.81	1,984.86
25	Yellow colour paint for Back ground	Ltr.	12	162	1,944.00
A	TOTAL MATERIAL COST				539,404.16
B	Stock, Storage & Insurance @ 3% of A				16,182.12
C	Sub Total (C=A+B)				555,586.29
D	Contingency @3% of C				16,667.59
E	T & P 2% of C				11,111.73
F	Transportation @ 7.5% of C				41,668.97
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				11,890.75
I	Erection Charges of other @ 10%				31,777.13
J	Sub Total				668,702.45
26	Concreting ratio 1:1:5:3(500x500x1800)	M3	2.7	6500.00	17,550.00
27	Couping ratio 1:1:5:3(500x500x1500)	M3	0.72	6500.00	4,680.00
	Total Rs.				690,932.45
III	INSTALLATION OF 250 KVA S/S.				
1	WPB (GI) Pole 160x152 (11 Mtr. Long)30.4 Kg/Mtr.	No.	2	37762.42	75,524.84
2	Top GI Channel 100x50x6 mm	Kg	64.052	112.78	7,223.78
3	Fish plate GI channel 50x8 mm ,0.280 Mtr. Each	Kg	3.965	112.78	447.17
4	Double Pole Belting Channel 75x40x4.8 mm	Kg.	188.639	112.78	21,274.71
5	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	43.146	112.78	4,866.01
6	GI Flat 50x6 mm	Kg	154.816	112.78	17,460.15
7	250 KVA 11/0.4 KV(CU)Transformer BIS Energy Level-II	No.	1	663020.43	663,020.43

8	LT Distrubution Box with MCCB, Aluminim Busbar of 3 Bay with kit kat Fuse for 250 KVA S/S.	No	1	72177.6	72,177.60
9	55 sq. mm AAAC	Mtr.	50	63.59	3,179.50
10	1 Cx 630 sq. mm LT XLPE cable(Un Armoured)	Mtr	120	762.6	91,512.00
11	AB switch 11 KV 200A 2 pole Horizontal	Set	1	11051.68	11,051.68
12	Fuse Horn Gap 11 KV 2 pole complete 200A	Set	1	9202.22	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	1729.26	5,187.78
15	11 KV H/W fitting polymer type	Pair	3	526.3	1,578.90
16	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5337.89	16,013.67
17	11 KV pin insulator Polymer	No.	3	300.74	902.22
18	HT stay set complete	Pair	2	1578.89	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	7	1578.89	11,052.23
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	2.407	112.78	271.46
26	Danger Plate(LT)	No.	2	120.30	240.60
27	Back clamp for Danger Plate 25x3 mm Flat	Kg	0.602	112.78	67.89
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
A	Sub total Rs.				1,028,082.16
B	Stock, Storage & Insurance @ 3% of A				30,842.46
C	Sub Total (C=A+B)				1,058,924.63
D	Contingency @3% of C				31,767.74
E	T & P 2% of C				21,178.49
F	Transportation @ 7.5% of C				79,419.35
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				38,035.08
I	Erection Charges of other @ 10%				18,530.23

J	Sub Total				1,247,855.52
31	Concreting ratio 1:1:5:3(500x500x1800)mm	Cumtr.	0.9	6500.00	5,850.00
32	Couping ratio 1:1:5:3(500x500x450)mm	Cumtr.	0.226	6500.00	1,469.00
33	Fixing of stay set with 0.5 cum cement concrete	No.	2	2301.53	4,603.06
34	LT DB Plinth	No.	1	3000.00	3,000.00
35	DTR Plinth	No.	1	35000.00	35,000.00
36	Laying of 1Cx630 sq. mm LT XLPE Cable	Mtr.	120	73.65	8,838.00
37	Construction of earth chamber	No	7	4603.05	32,221.35
38	Supply and erection of GI fencing with Gate as per TPNODL.	M2	20	3682.00	73,640.00
	Total Rs.				1,412,476.93
	Sub Total Rs.				2,103,409.38
	Cess @1%				21,034.09
	Total Estimated Cost				2,124,443.47
	Total Estimated Cost in Figures				2,124,443.00
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)