

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 :- 02 AS PER IFB

NAME OF THE WORK :- EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO AMA BUS STAND (C-TYPE) AT HANADA UNDER BANGIRIPOSİ BLOCK IN THE DISTRICT OF MAYURBHANJ.

BID REF NO.- 69/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				
	11 KV PIN POINTS WITH WPB				
1	WPB (GI) Pole 160x152 (11 Mtr. Long)30.4 Kg/Mtr.	No.	5	37762.42	188812.10
2	11 K.V. V cross arm	No.	5	1218.00	6090.00
3	Top Bracket 100x50x6 mm GI channel	EA	5	360.89	1804.45
4	Danger Plate	No	5	120.30	601.50
5	Back clamp for Danger Plate,25x3 mm flat	No	1.505	112.78	169.73
6	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	15	120.30	1804.50
7	Back clamp for Anticlimbing Device	Kg	6.018	112.78	678.71
8	11 KV Pin Insulator polymer	No.	15	300.74	4511.10
9	Spike (GI) using 50x6 mm flat	No.	10	384.01	3840.10
10	Non metallic Ties	No.	15	290.45	4356.75
11	Earthing support coil type	No	5	249.61	1248.05
12	No. 8 GI wire	Kg	1.31	112.78	147.74
13	GI nut,bolt & washer	Kg	7.25	117.29	850.35

14	99 sq. mm AAAC XLPE Covered conductor	Mtr.	772.500	131.36	101475.60
15	Black paint	Ltr.	5	330.81	1654.05
16	Yellow colour paint for Back ground	Ltr.	10	162	1620.00
17	HT stay set complete	Pair	2	1578.89	3157.78
18	HT Stay Insulator	No.	4	75.19	300.76
19	HT stay clamp	Pair	2	187.96	375.92
20	7/10 SWG Stay wire	Kg	30	112.78	3383.40
A	TOTAL MATERIAL COST				326882.60
B	Stock, Storage & Insurance @ 3% of A				9806.48
C	Sub Total (C=A+B)				336689.08
D	Contingency @3% of C				10100.67
E	T & P 2% of C				6733.78
F	Transportation @ 7.5% of C				25251.68
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				9723.82
I	Erection Charges of other @ 10%				13477.82
J	Sub Total				401976.85
21	Fixing of 11 KV Line complete Set	Set	2	2301.53	4603.06
22	Concreting ratio 1:1:5:3(500x500x1800)	M3	2.25	6500.00	14625.00
23	Couping ratio 1:1:5:3(500x500x1500)	M3	0.563	6500.00	3659.50
	Total Rs.				424864.41
II	INSTALLATION OF 250 KVA S/S.				
1	WPB (GI) Pole 160x152 (11 Mtr. Long)30.4 Kg/Mtr.	No.	2	37762.42	75524.84
2	Top GI Channel 100x50x6 mm	Kg	64.052	112.78	7223.78
3	Fish plate GI channel 50x8 mm ,0.280 Mtr. Each	Kg	3.965	112.78	447.17
4	Channel 75x40x4.8 mm	Kg.	188.639	112.78	21274.71
5	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	43.146	112.78	4866.01
6	GI Flat 50x6 mm	Kg	154.816	112.78	17460.15
7	250 KVA 11/0.4 KV(CU)Transformer BIS Energy Level-II	No.	1	663020.43	663020.43

8	LT Distrubution Box with MCCB, Aluminim Busbar of 3 Bay with kit kat Fuse for 250 KVA S/S.	No	1	72177.6	72177.60
9	55 sq. mm AAAC	Mtr.	50	45.11	2255.50
10	3.5 Core 300 sq. mm LT XLPE cable(Un Armoured)	Mtr	15	1494.61	22419.15
11	AB switch 11 KV 200A 3 pole	Set	1	11051.68	11051.68
12	Fuse Horn Gap 11 KV 3 pole complete 200A	Set	1	9202.22	9202.22
13	PG Clamp for 100 sq. mm AAAC	No.	6	872.15	5232.90
14	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1729.26	5187.78
15	11 KV H/W fitting polymer type	Pair	3	526.3	1578.90
16	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5337.89	16013.67
17	11 KV pin insulator Polymer	No.	3	300.74	902.22
18	HT stay set complete	Pair	2	1578.89	3157.78
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	3383.40
22	GI Pipe for earthing 40mm dia 3mtr long	EA	7	1578.89	11052.23
23	GI Nut, Bolt & washers of different sizes	Kg	25	117.29	2932.25
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	Name Plate	No	1	120.30	120.30
28	Black paint	Ltr	1	330.81	330.81
29	Yellow colour paint for Back ground	Ltr	2	162.00	324.00
30	Back clamp for Danger Plate 25x3 mm Flat	Kg	1.2	112.78	135.34
A	Sub total Rs.				959304.86
B	Stock, Storage & Insurance @ 3% of A				28779.15
C	Sub Total (C=A+B)				988084.00
D	Contingency @3% of C				29642.52
E	T & P 2% of C				19761.68
F	Transportation @ 7.5% of C				74106.30
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				38035.08
I	Erection Charges of other @ 10%				20871.91
J	Sub Total				1170501.49

31	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.9	6500.00	5850.00
32	Couping ratio 1:1:5:3(500x500x1500)	M3	0.226	6500.00	1469.00
33	Construction of earth chamber	No	7	4603.05	32221.35
34	Fixing of Stay Set	No.	2	2301.53	4603.06
35	DTR Plinth	No.	1	35000.00	35000.00
36	Supply and erection of GI fencing with Gate as per TPNODL.	M2	20	3682.00	73640.00
	Total Rs.				1323284.90
	Sub Total Rs.				1,748,149.31
	Cess @1%				17,481.49
	Total Estimated Cost				1,765,630.81
	Total Estimated Cost in Figures				1,765,631.00
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)