

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 :- 01 AS PER IFB

NAME OF THE WORK :-EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 24-F TYPE STAFF QUARTERS (6-F WITH STILT FLOOR- 4 BLOCKS) AT BARIPADA TOWN POLICE STATION IN THE DISTRICT OF MAYURBHANJ.

BID REF NO.-85/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(11 Mtr. Long ,30.44 Kg/Mtr.)	No.	1	27310.20	27310.20
2	11 K.V. V cross arm	No.	1	1218.00	1218.00
3	Top Bracket 100x50x6 mm GI channel	EA	1	360.89	360.89
4	99 sq. mm AAAC XLPE Covered conductor	Mtr.	30.900	131.36	4059.02
5	PG clamp for 100 sq. mm AAA conductor	No	3	872.15	2616.45
6	11 KV Pin Insulator polymer	No.	6	300.74	1804.44
7	11 KV B&S Hardware (70KN)	set	3	526.30	1578.90
8	Disc insulator(B&S)70 KN Polymer	No	3	1729.26	5187.78
9	Non metallic Ties 11 KV	No	3	290.45	871.35
10	IPC connector 55/100 sq. mm insulated conductor	No	6	429.13	2574.78
11	Back clamp for V Cross Arm	No.	1	120.30	120.30
12	Earthing support coil type	No	1	249.61	249.61
13	100X50X6mm Top Channel 9.56 Kg/Mtr.	Kg.	25	112.78	2819.50
14	Fish plate GI channel 50x6 mm ,2.36 Kg/Mtr.	No.	4	112.78	451.12

15	Danger plate (LT)	Nos.	1	120.30	120.30
16	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	0.62	112.78	69.92
17	HT stay set complete	Pair	1	1578.89	1578.89
18	HT Stay Insulator	No.	2	75.19	150.38
19	HT stay clamp	Pair	1	187.96	187.96
20	7/10 SWG Stay wire	Kg	15	112.78	1691.70
21	No. 6 SWG GI Wire	Kg	0.01	112.78	1.13
22	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	3	120.30	360.90
23	Back clamp for Anticlimbing Device	Kg	2.48	112.78	279.69
24	GI nut,bolt & washer	Kg	2.5	117.29	293.23
25	Black paint	Ltr.	1	330.81	330.81
26	Yellow colour paint for Back ground	Ltr.	2	162	324.00
A	TOTAL MATERIAL COST				56611.25
B	Stock, Storage & Insurance @ 3% of A				1698.34
C	Sub Total (C=A+B)				58309.59
D	Contingency @3% of C				1749.29
E	T & P 2% of C				1166.19
F	Transportation @ 7.5% of C				4373.22
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				1406.47
I	Erection Charges of other @ 10%				2646.29
J	Sub Total				69651.05
27	Fixing of 11 KV Line complete Set	Set	1	2301.53	2301.53
28	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.45	6500.00	2925.00
29	Couping ratio 1:1:5:3(500x500x1500)	M3	0.13	6500.00	845.00
	Total Rs.				75722.58
II	LT LINE -180 Mtr.				
1	9 mtr Long 150x150 mm GI Joist Pole(23 Kg/Mtr.)	No.	5	23344.94	116724.70
2	LT Stay set complete	Set	5	781.92	3909.60
3	7/12 SWG GI stay wire	Kg	50	112.78	5639.00
4	LT stay insulator	No.	5	165.40	827.00
5	LT stay clamp	No.	5	45.11	225.55

6	Back clamp for Joist Pole	No.	5	165.40	827.00
7	Pole clamp with I hook(ABC)	Pair	5	300.74	1503.70
8	Eye Hook for XLPE Cable	No.	5	90.22	451.10
9	Dead end clamp	No.	9	97.74	879.66
10	Suspension clamp with I hook	No.	2	511.26	1022.52
11	LT XLPE AB cable(3x95+1x70+1x16) sq. mm	Mtr.	189	365.40	69060.60
12	Insulated Piercing connector,Type-A	Nos.	42	120.30	5052.60
13	Coil Earthing	No	4	249.61	998.44
14	No. 8 SWG GI Wire	Kg	1.415	112.78	159.58
15	Danger plate (LT)	Nos.	5	120.30	601.50
16	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	1.505	112.78	169.73
17	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	15	120.30	1804.50
18	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	6.018	112.78	678.71
19	GI Nuts, Bolts, & washers of different sizes	Kg	10	117.29	1172.90
20	Black paint	Ltr	5	330.81	1654.05
21	Yellow colour paint for Back ground	Ltr	10	162.00	1620.00
A	Total Rs.				214982.45
B	Stock, Storage & Insurance @ 3% of A				6449.47
C	Sub Total (C=A+B)				221431.92
D	Contingency @3% of C				6642.96
E	T & P 2% of C				4428.64
F	Transportation @ 7.5% of C				16607.39
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				6011.32
I	Erection Charges of other @ 10%				9028.63
J	Sub Total				264150.86
22	Fixing of LT complete stay set	No	5	2301.53	11507.65
23	Concreting ratio 1:1:5:3(500x500x1500)mm	Cumtr.	2.25	6500.00	14625.00
29	Couping ratio 1:1:5:3(500x500x1500)	M3	0.565	6500.00	3672.50
					29805.15
					293956.01
III	INSTALLATION OF 250 KVA S/S.				
1	Top GI Channel 100x50x6 mm	Kg	131.25	112.78	14802.38
2	Fish plate GI channel 50x8 mm ,0.280 Mtr. Each	Kg	3.54	112.78	399.24

3	Channel GI 75x40x4.8 mm	Kg.	145.8	112.78	16443.32
4	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	52.75	112.78	5949.15
5	25x6 mm GI Flat	Kg	50	112.78	5639.00
6	50x6 mm GI Flat for Earthing	Kg	154.81	112.78	17459.47
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	100 sq. mm AAAC Insulated	Mtr.	50	131.36	6568.00
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	HG fuse 11 KV 200A 3 pole	Set	1	9202.22	9202.22
13	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5337.89	16013.67
14	11 KV pin insulator Polymer	No.	3	300.74	902.22
15	HT stay set complete	Pair	2	1578.89	3157.78
16	HT Stay Insulator	No.	2	75.19	150.38
17	HT stay clamp	Pair	2	187.96	375.92
18	7/10 SWG Stay wire	Kg	30	112.78	3383.40
19	No. 8 SWG GI Wire	Kg	1	112.78	112.78
20	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1578.89	7894.45
21	GI Nut, Bolt & washers of different sizes	Kg	25	117.29	2932.25
22	GI Barbed wire anticlimbing device 3 Kg	Kg	6	120.30	721.80
23	Back clamp for anticlimbing Device 25x3	Kg	4.8	112.78	541.34
24	Danger Plate(LT)	No.	2	120.30	240.60
25	Back clamp for Danger Plate 25x3 mm Flat	Kg	1.2	112.78	135.34
26	Name Plate	No	1	120.30	120.30
27	Black paint	Ltr	1	330.81	330.81
28	Yellow colour paint for Back ground	Ltr	2	162.00	324.00
A	Sub total Rs.				882468.68
B	Stock, Storage & Insurance @ 3% of A				26474.06
C	Sub Total (C=A+B)				908942.74
D	Contingency @3% of C				27268.28
E	T & P 2% of C				18178.85
F	Transportation @ 7.5% of C				68170.71
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				34145.55
I	Erection Charges of other @ 10%				21062.09

J	Sub Total				1077768.22
29	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.9	6500.00	5850.00
30	Couping ratio 1:1:5:3(500x500x1500)	M3	0.226	6500.00	1469.00
31	Construction of earth chamber	No	5	4603.05	23015.25
32	Fixing of Stay Set	No.	2	2301.53	4603.06
33	DTR Plinth	No.	1	35000.00	35000.00
34	Supply and erection of GI fencing with Gate as per TPNODL.	M2	15	3682.00	55230.00
	Total Rs.				1202935.53
	Sub Total Rs.				1,572,614.12
	Cess @1%				15,726.14
	Total Estimated Cost				1,588,340.26
	Total Estimated Cost in Figures				1,588,340.00
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)**