

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 10-E TYPE STAFF QUARTERS (6-E WITH STILT FLOOR + 4-E WITH STILT FLOOR) AT BARIPADA TOWN POLICE STATION IN THE DISTRICT OF MAYURBHANJ.

BID REF NO.-83/PM/ELECT/OPHWC/2025-26

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
I	Construction of 11 KV Line				
1	55 sq. mm AAAC XLPE Covered conductor	Mtr.	30.900	100.75	3,113.18
2	PG clamp for 55 sq. mm AAA conductor	No	9	721.78	6,496.02
3	11 KV Pin Insulator polymer	No.	3	300.74	902.22
4	11 KV B&S Hardware (70KN)	set	9	526.30	4,736.70
5	Disc insulator(B&S)70 KN Polymer	No	9	1,729.26	15,563.34
6	Non metallic Ties 11 KV	No	3	290.45	871.35
7	IPC connector 55/100 sq. mm insulated conductor	No	9	429.13	3,862.17
8	100X50X6mm Top Channel 9.56 Kg/Mtr.	Kg.	25	112.78	2,819.50
9	Fish plate GI channel 50x6 mm ,2.36 Kg/Mtr.	No.	4	112.78	451.12
10	GI Nut,bolt & washer	Kg	6	117.29	703.74
A	TOTAL MATERIAL COST				39,519.34
B	Stock, Storage & Insurance @ 3% of A				1,185.58
C	Sub Total (C=A+B)				40,704.92
D	Contingency @3% of C				1,221.15
E	T & P 2% of C				814.10
F	Transportation @ 7.5% of C				3,052.87
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				

I	Erection Charges of other @ 10%				4,070.49
J	Sub Total				49,863.52
II	INSTALLATION OF 63 KVA S/S.				
1	11 Mtr. Long 160x152 mm GI WPB Pole	No.	2	37,762.42	75,524.84
2	Top GI Channel 100x50x6 mm	Kg	131.25	112.78	14,802.38
3	Fish plate GI channel 50x8 mm ,0.280 Mtr. Each	Kg	3.54	112.78	399.24
4	Channel 75x40x4.8 mm	Kg.	145.8	112.78	16,443.32
5	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	52.75	112.78	5,949.15
6	GI Flat 25x6 mm	Kg	50	112.78	5,639.00
7	50x6 mm GI Flat for Earthing	Kg	154.81	112.78	17,459.47
8	63 KVA 11/0.4 KV(AL)Transformer BIS Energy Level-II	No.	1	130,064.02	130,064.02
9	LT Distrubution Box with MCCB, Aluminim Busbar of single Bay with kit kat Fuse for 63 KVA S/S.	No	1	27,549.51	27,549.51
10	55 sq. mm AAAC	Mtr.	50	100.75	5,037.50
11	3.5 Core 50 sq. mm 1.1 KV AL Cable	Mtr	15	305.24	4,578.60
12	AB switch 11 KV 200A 3 pole	Set	1	11,051.68	11,051.68
13	HG Fuse(11 KV, 200A, 3 pole)	Set	1	9,202.22	9,202.22
14	PG clamp for 55 sq. mm AAA conductor	No.	6	721.78	4,330.68
15	IPC connector 55/100 sq. mm insulated conductor	No	6	429.13	2,574.78
16	11 KV B&S Hardware (70KN)	set	3	526.30	1,578.90
17	Disc insulator(B&S)70 KN Polymer	No	3	1,729.26	5,187.78
18	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5,337.89	16,013.67
19	11 KV pin insulator Polymer	No.	3	300.74	902.22
20	HT stay set complete	Pair	2	1,578.89	3,157.78
21	HT Stay Insulator	No.	4	75.19	300.76
22	HT stay clamp	Pair	2	187.96	375.92
23	7/10 SWG Stay wire	Kg	30	112.78	3,383.40
24	No. 8 SWG GI Wire	Kg	1	112.78	112.78
25	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1,578.89	7,894.45
26	GI Nut, Bolt & washers of different sizes	Kg	25	117.29	2,932.25
27	GI Barbed wire anticlimbing device 3 Kg	Kg	6	120.30	721.80
28	Back clamp for anticlimbing Device 25x3	Kg	4.8	112.78	541.34
29	Danger Plate(LT)	No.	2	120.30	240.60
30	Name Plate	No.	1	120.30	120.30
31	Black paint	Ltr	1	330.81	330.81
32	Yellow colour paint for Back ground	Ltr	2	162.00	324.00
33	Back clamp for Danger Plate,25x3 mm flat	Kg	1.2	112.78	135.34
A	Sub total Rs.				374,860.49
B	Stock, Storage & Insurance @ 3% of A				11,245.81
C	Sub Total (C=A+B)				386,106.30
D	Contingency @3% of C				11,583.19
E	T & P 2% of C				7,722.13
F	Transportation @ 7.5% of C				28,957.97

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%				15,878.41
J	Sub Total				460,835.83
34	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.9	6,500.00	5,850.00
35	Couping ratio 1:1:5:3(500x500x450)	M3	0.226	6,500.00	1,469.00
36	Fixing of 11 KV Line complete Set	Set	2	2,301.53	4,603.06
37	Construction of earth chamber	No	5	4,603.05	23,015.25
38	Supply and erection of GI fencing with Gate as per TPNODL.	M2	15	3,682.00	55,230.00
	Total Rs.				551,003.14
III	LT LINE -0.12 Km				
1	9 mtr Long 150x150 mm GI Joist Pole(30.6 Kg/Mtr.)	No.	5	31,058.92	155,294.60
2	LT Stay set complete	Set	5	781.92	3,909.60
3	7/12 SWG GI stay wire	Kg	60	112.78	6,766.80
4	LT stay insulator	No.	5	165.40	827.00
5	LT stay clamp	No.	5	45.11	225.55
6	Pole clamp with I hook(ABC)	Pair	5	300.74	1,503.70
7	Eye Hook for XLPE Cable	No.	7	90.22	631.54
8	Dead end clamp	No.	7	97.74	684.18
9	Suspension clamp with I hook	No.	2	511.26	1,022.52
10	LT XLPE AB cable(3x50+1x35+1x16) sq. mm	Mtr.	126	210.52	26,525.52
11	Insulated Piercing connector, Type-A	Nos.	24	120.30	2,887.20
12	Coil Earthing	No	5	249.61	1,248.05
13	No. 8 SWG GI Wire	Kg	0.34	112.78	38.35
14	Danger plate (LT)	Nos.	5	120.30	601.50
15	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	1.504	112.78	169.62
16	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	15	120.30	1,804.50
17	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
18	GI Nuts, Bolts, & washers of different sizes	Kg	10	117.29	1,172.90
19	Black paint	Ltr	5	330.81	1,654.05
20	Yellow colour paint for Back ground	Ltr	10	162.00	1,620.00
A	Total Rs.				209,265.89
B	Stock, Storage & Insurance @ 3% of A				6,277.98
C	Sub Total (C=A+B)				215,543.86
D	Contingency @3% of C				6,466.32
E	T & P 2% of C				4,310.88

F	Transportation @ 7.5% of C				16,165.79
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				7,997.67
I	Erection Charges of other @ 10%				4,350.96
J	Sub Total				254,835.48
21	Fixing of LT complete stay set	No	5	2301.53	11,507.65
22	Concreting ratio 1:1:5:3(500x500x1500)mm	Cumtr.	1.875	6500.00	12,187.50
					23,695.15
					278,530.63
	Sub Total Rs.				879,397.29
	Cess @1%				8,793.97
	Total Estimated Cost				888,191.26
	Total Estimated Cost in Figures				888,191.00
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)