

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 :- 01 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-E TYPE STAF QUARTERS AT PURUSOTTAMPUR POLICE STATION IN THE DISTRICT OF GANJAM.****BID REF NO.-78/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.
PART-A	Construction of 3 Ph 3 W 11 KV Line-0.01 Km(With Double ckt)				
1	160x152 mm 11 Mtr. Long WPB GI Pole	No	1	34321.52	34321.52
2	Earthing Device coil type GI	No	1	235.72	235.72
3	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1150.20	1150.20
4	GI Back clamp for V Cross Arm	No.	1	113.60	113.60
5	11 KV F Clamp 2.9 Kg each	No.	1	340.80	340.80
6	100x50x6 mm GI channel or straight cross Arm (1.2 mtr.x02 pcs)on each pole (9.2 Kg/Mtr.)for tapping pole & Cut point pole	Kg	22.08	106.50	2351.52
7	11 KV Pin insulator	Nos.	3	284.00	852.00
8	3Cx35 sq. mm 11 KV XLPE cable(armoured)A2FX(Y)(double Circuit)	Mtr.	21	509.78	10705.38
9	Heat shrinkable jointing kit for 3Cx35 sq. mm 11 KV XLPE cable (outdoor)type	No.	4	13370.72	53482.88
10	Pole clamp for eye Hook for AB cable	No	4	284.00	1136.00
11	Eye Hook for XLPE Areial Bunched Cable	No	4	85.20	340.80
12	Conductor Dead End clamp suitable for bare messenger XLPE AB Cable(25-70 sq. mm)	Nos.	4	92.30	369.19
13	7/12 SWG GI Saty wire for supporting XLPE cable	Kg	6.12	106.50	651.78
14	XLPE Cable clamp to hold support wire	No.	20	22.01	440.17
15	11 KV LA(9 KV, 5 KA)	No	3	1391.60	4174.81
16	25x3 mm GI flat for earthing(For LA)	Kg	24	106.50	2556.00
17	HT stay set complete	No.	1	1491.00	1491.00
18	11KV stay insulator	No.	1	71.00	71.00
19	7/8 SWG stay wire, Grade 2	Kg	10	106.50	1065.00
20	HT stay clamp (1.9 Kg/Pair)	pair	1	177.50	177.50

21	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	3	1491.00	4473.00
22	Danger Board	No	1	113.60	113.60
23	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	0.306	106.50	32.59
24	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	113.60	340.80
25	Back clamp for barbed wire anticlimbing device 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	1.22	106.50	129.93
26	GI Nuts, Bolts of assorted size	Kg	2	110.76	221.52
27	sundries(binding wire, insulating tape, pole numbering etc.)	Ls	1	1000.00	1000.00
	A.Sub Total Rs.				122338.30
B	Stock,storage and insurance (@3% on A)				3670.15
C	TOTAL RS.				126008.45
D	T&P @ 2% of C				2520.17
E	Contingency @ 3% of C				3780.25
F	Transportation @ 7.5% of C				9450.63
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				10833.29
H	TOTAL RS.				152592.79
28	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum @6648.85	Nos.	1	1329.77	1329.77
29	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3=0.45 cum	Nos.	1	2991.98	2991.98
30	Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	1	748.00	748.00
31	Material for earthing including masonry work for earth pit, salt, charcoal earthing chamber size(2'x2')RCC slab cover.	No	3	1600.00	4800.00
32	Total Rs.				9869.75
	Sub Total Rs.				162,462.54
PART-II	Upgradation of S/S from 25 KVA to 63 KVA S/S -1 No.				
1	11 Mtr Long (160x160)mm WPB Pole(30.44 Kg/mtr)for Support	No	2	34321.52	68643.04
2	Top Pressure Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	106.50	5486.88
3	Transformer mounting GI Channel 100x50x6mm 2.8 mtr long,2 Nos.(9.2K.g/mtr)	K.g	51.52	106.50	5486.88
4	AB switch &HG fuse mounting channel GI(75x40x6)mm, 2.8 long 4 Nos(6.8Kg/mtr)	K.g	76.16	106.50	8111.04
5	Cantilever GI Channel for supporting HG Fuse Arm,50x50x6 mm.-1 Mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	106.50	1448.40

6	Cantilever GI Channel for supporting HG Fuse Arm,50x50x6 mm.-1 Mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	9	106.50	958.50
7	GI Angle for Cantilever arrangement for AB switch and HG fuse 50x50x6 mm 2 Mtr. Long each 2 Nos.(4.5 Kg/mtr.)	Kg.	18	106.50	1917.00
8	Transformer Belting Angle GI 50x50x6mm ,2.8 mtr long(4.5 K.g/mtr)with side angle Total 7 mtr.	Kg.	31.5	106.50	3354.75
9	LT Distribution Box mounting angle GI(35X35X5)1 Mtr. Long 2 Nos.(3.5 Kg/Mtr.)	Kg.	7	106.50	745.50
10	11KV Disc insulator T & C,45 KN polymer	No.	3	411.80	1235.39
11	11KV H.W Fittings T&C 45KN, 2 Bolted	No.	3	184.60	553.81
12	11KV AB switch 3 pole(200 Amp, 50 Hz)	Set	1	10437.00	10437.00
13	11KV HG fuse 3 pole(200 Amp)	Set	1	8690.40	8690.40
14	11 KV LA(9 KV, 5 KA)	No.	3	1391.60	4174.81
15	LT Distribution box(GI) with 3 pole MCCB(I/C 100 Amp),Aluminium busbar 200 Amp with Kit Kat Fuse (O/G-6 Nos. of 63 Amp)for 63 KVA S/S,MCCB should have integrated protection for overload, short circuit & earth fault.The GI encloser thickness must be 3 mm thickness & IP 55 compiled.	No.	1	32581.36	32581.36
16	HT stay set (Complete)REC Construction standard	No.	2	1491.00	2982.00
17	7/10 SWG GI Saty wire, grade-2	Kg	20	106.50	2130.00
18	HT stay Insulator, Type-C	No.	4	71.00	284.00
19	Stay clamp(1.9 Kg/Pair)	pair	4	177.50	710.00
20	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1491.00	10437.00
21	Earthing of support coil type	No	2	235.72	471.44
22	No.6 GI wire for earthing	Kg	25	106.50	2662.50
23	25x4 mm GI flat for neutral	Kg	10	106.50	1065.00
24	GI Nuts, Bolts of assorted size	Kg	25	110.76	2769.00
25	63 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II, IS 1180, Ammendment-4	No	1	140470.99	140470.99
26	3 Cx95 sq. mm LT PVC Cable(Un-armoured)	Mtr.	12	472.86	5674.27
27	Sundries(Al. Binding Tape, insulation tape,clamp connector , jumpering materials, socket and cable accessories etc.)	LS	1	1800.00	1800.00
	A.Sub Total Rs.				325280.95
B	Stock,storage and insurance (@3% on A)				9758.43
C	TOTAL RS.				335039.38
D	T&P @ 2% of C				6700.79
E	Contingency @ 3% of C				10051.18
F	Transportation @ 7.5% of C				25127.95
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				22734.58
H	TOTAL RS.				399653.88

28	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum @6648.85	Nos.	2	1329.77	2659.54
29	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3=0.45 cum	Nos.	2	2991.98	5983.96
30	Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	2	748.00	1496.00
31	Material for earthing including masonry work for earth pit, salt, charcoal earthing chamber size(2'x2')RCC slab cover.	No	7	1600.00	11200.00
32	Labour charges for Dismantling of 25 KVA Transformer-1 No., PSC Pole-2 Nos. and Fabricated DP materials=258.3 Kg	Ls	1	4106.19	4106.19
33	Construction of Brick wall Boundary for fencing of 5' height with 9" wall for area(3x3)=12M	Ls	12	7300.12	87601.42
34	Sundries for danger Board,anticlimbing device etc.	No	1	500.00	500.00
	Total Rs.				113547.11
	Sub Total Rs.				513,200.99
PART-III	LT Line-0.28 Km				
1	9 Mtr. Long 300 KG PSC Pole	No	8	4260.00	34080.00
2	L.T Stay set (Complete)	Set	5	738.40	3692.00
3	L.T Stay Insulator	No.	5	42.60	213.00
4	L.T Stay clamp (1.40 K.g/Pair)	Pair	5	156.20	781.00
5	7/12 SWG Stay Wire ,Grade-2	Kg	35	106.50	3727.50
6	4X50+1X50+1X16 sqmm XLPE AB Cable	Km	0.29	206220.34	60628.78
7	RCC Base Plate	No	8	361.34	2890.72
8	Earthing support coil type	No	8	235.72	1885.76
9	Pole clamp for eye Hook for AB cable	Pair	11	284.00	3124.00
10	Dead end clamp	No.	6	92.30	553.78
11	Suspension clamp with Eye Hook	No	5	482.80	2414.00
12	Eye Hook	No	6	85.20	511.22
13	LT distribution Box polycarbonate	No	8	925.00	7400.00
14	Insulated piercing connector.Type-B-main 16 to 95 sq.mm to Tap-2.5 to 10 sq.mm	No	32	56.80	1817.49
15	Neutral connector Type-B suitable for main-35-70 sq. mm AAAC & Tap-2.5 to 10 sq. mm service cable cover by black weather resistant insulation cover.	No	8	46.86	374.85
16	GI Nut, bolt & washer	Kg	5	110.76	553.81
17	Sundries for danger Board,anticlimbing device etc.	Ls	1	500.00	500.00
	A.Sub Total Rs.				125147.91
B	Stock,storage and insurance (@3% on A)				3754.44
C	TOTAL RS.				128902.35
D	T&P @ 2% of C				2578.05
E	Contingency @ 3% of C				3867.07

F	Transportation @ 7.5% of C				9667.68
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				16400.43
H	TOTAL RS.				161415.57
18	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum @6648.85	Nos.	5	1329.77	6648.85
19	Concreting of 8 Mtr./9 Mtr. PSC Pole in ratio 1:1:5:3(500x500x1500mm)=0.375 cum	Nos.	8	2493.32	19946.56
20	Couping of Poles in ratio 1:1:5:3=0.11875 Cum @6648.85	Nos.	8	748.00	5984.00
	Total Rs.				32579.41
	Total Rs.				193,994.98
	Sub Total Rs.				869,658.51
	Cess @ 1%				8,696.59
	Total Estimated Cost				878,355.10
	Total Estimated Cost in Figures				878,355.00
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)**