

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 :- 05 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-E TYPE STAFF QUARTERS AT GANGAPUR POLICE STATION IN THE DISTRICT OF GANJAM.

BID REF NO.-80/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-I	Construction of 11/0.4 KV 63 KVA DP mounted S/S-1 No.				
1	9 Mtr. Long 300 KG PSC Pole	No	2	4260.00	8520.00
2	RCC Base plate for support	No	2	361.34	722.68
3	Earthing Device coil type GI	No	2	235.72	471.44
4	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.524	106.50	55.81
5	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
6	Transformer mounting GI Channel 100x50x6mm 2.8 mtr long,2 Nos.(9.2K.g/mtr)	K.g	51.52	106.50	5486.88
7	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
8	Cantilever GI Channel for supportingAB Switch Arm,75x40x6mm.-1 Mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	106.50	1448.40
9	Cantilever GI angle for supporting AB switch 50x50x6mm GI Angle 1.0 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	9	106.50	958.50
10	,2.8 mtr long(4.5 K.g/mtr)with side angle Total 7 mtr.	K.g	31.5	106.50	3354.75
11	LT Distribution Box mounting angle GI(50x50x6)1 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	9	106.50	958.50

12	AB switch side support channel 100x50x6 mm ,9.2 Kg/Mtr.,each channel length 0.35 Mtr.,2 Nos required	Kg.	6.44	106.50	685.86
13	Channel support for down pipe 75x40x6 mm ,6.8 Kg/Mtr., each channel length 0.8 Mtr., 1 No. required.	K.g	5.44	106.50	579.36
14	11KV Disc insulator T & C,45 KN polymer	No.	3	1221.20	3663.61
15	11KV H.W Fittings T&C 45KN, 2 Bolted	No.	3	369.20	1107.60
16	11KV AB switch 3 pole(200 Amp, 50 Hz)	Set	1	10437.00	10437.00
17	11KV HG fuse 3 pole(200 Amp)	Set	1	8690.40	8690.40
18	11 KV LA(9 KV, 5 KA)	No.	3	1391.60	4174.80
19	HT stay set (Complete)REC Construction standard	No.	2	1491.00	2982.00
20	7/10 SWG GI Saty wire, grade-2	Kg	20	106.50	2130.00
21	HT stay Insulator, Type-C	No.	2	71.00	142.00
22	Stay clamp(1.9 Kg/Pair)	pair	2	177.50	355.00
23	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1491.00	10437.00
24	25x6 mm GI flat for earthing	Kg	60	106.50	6390.00
25	25x4 mm GI flat for neutral	Kg	10	106.50	1065.00
26	55 sq. mm AAAC Conductor(for jumpering)	Km	0.05	42600.00	2130.00
27	PG clamp for 55 sq. mm AAAC	Nos.	3	681.60	2044.80
28	GI Nuts, Bolts of assorted size	Kg	25	110.76	2769.00
29	LT Distribution box(GI) with MCCB including kitkat fuse for 63 KVA S/S.	No	1	26017.24	26017.24
30	63 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II	No	1	122830.00	122830.00
31	1Cx95 sq. mm LT XLPE Cable	Mtr.	40	208.74	8349.60
32	Danger Board	No	2	113.60	227.20
33	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.602	106.50	64.11
34	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
35	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.407	106.50	256.35
36	Black paint	Ltr.	1	312.40	312.40
37	Yelloe Colour Paint for Background	Ltr.	2	212.77	425.54
38	Sundries(Painting, clamp, connector & jumpering materials)	LS	1	1000.00	1000.00
	A.Sub Total Rs.				255522.34
PART-II	3 phase 3W 11 KV line with 3CX35 sq. mm XLPE Cable-0.06 Km				
39	9 Mtr. Long 300 KG PSC Pole	No	2	4260.00	8520.00
40	RCC Base plate for support	No	2	361.34	722.68
41	Earthing Device coil type GI	No	2	235.72	471.44
42	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.524	106.50	55.81

43	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 4 Nos, & 0.3 Mtr. Long 4 Nos.including tapping point	Kg	77.28	106.50	8230.32
44	3Cx35 sq. mm 11 KV XLPE cable(armoured)	Mtr.	126	509.78	64232.28
45	Heat shrinkable jointing kit for 3Cx35 sq. mm 11 KV XLPE cable (outdoor)type	No.	4	13370.72	53482.88
46	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	2	1491.00	2982.00
47	Eye Hook for XLPE Areial Bunched Cable	No	3	85.20	255.60
48	Pole clamp for eye Hook for AB cable	No	3	284.00	852.00
49	XLPE Cable clamp to hold support wire	No.	126	25.29	3186.54
50	7/12 SWG GI Saty wire for supporting XLPE cable	Kg	18.36	106.50	1955.34
51	11 KV LA(9 KV, 5 KA)	No	3	1391.60	4174.81
52	50x6 mm GI Flat for Earthing	Kg	23.6	106.50	2513.40
53	HT stay set (Complete)REC Construction standard	No.	1	1491.00	1491.00
54	7/10 SWG GI Saty wire, grade-2	Kg	10	106.50	1065.00
55	HT stay Insulator, Type-C	No.	1	71.00	71.00
56	Stay clamp(1.9 Kg/Pair)	pair	1	177.50	177.50
57	GI Nuts & Bolts	Kg	5	110.76	553.80
58	Danger Board	No	2	113.60	227.20
59	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.602	106.50	64.11
60	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
61	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.407	106.50	256.35
62	Black paint	Ltr.	1	312.40	312.40
63	Yelloe Colour Paint for Background	Ltr.	2	212.77	425.54
64	Sundries	No.	1	300.00	300.00
	Total Rs.				157260.59
PART-III	Construction of LT 3ph 5 W line using 3X50+1x35+1X16 sqmm XLPE AB Cable=0.48 Km				
65	9 Mtr. Long 300 KG PSC Pole	No	4	4,260.00	17,040.00
66	8 Mtr. Long 200 KG PSC Pole	No	12	2,840.00	34,080.00
67	RCC Base plate for support	No.	16	361.34	5781.44
68	Earthing support coil type	No	16	235.72	3771.52
69	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	4.192	106.50	446.45
70	Pole clamp for eye Hook for AB cable	No.	21	284.00	5964.00
71	Dead end clamp with eye hook	No	10	177.50	1775.00
72	Suspension clamp with Eye Hook	No	11	482.80	5310.80
73	3X50+1x35+1X16 sqmm XLPE AB Cable	Km	0.50	198800.00	100195.20
74	L.T Stay set (Complete)	Set	5	738.40	3692.00
75	L.T Stay Insulator	No.	5	42.60	213.00
76	L.T Stay clamp (1.40 K.g/Pair)	Pair	5	156.20	781.00

77	7/12 SWG Stay Wire ,Grade-2	Kg	40	106.50	4260.00
78	GI Nut, Bolt & washer	Kg	20	110.76	2215.20
79	Danger Board	No	16	113.60	1817.60
80	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	4.81	106.50	512.27
81	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	48	113.60	5452.80
82	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	19.258	106.50	2050.98
83	Black paint	Ltr.	8.00	312.40	2499.20
84	Yellow colour paint for Background	Ltr.	16	212.77	3404.32
85	Saundries(Clamp, connectors, Binding Tape etc.)	No.	1	500.00	500.00
	Total Rs.				201762.77
	A.Sub Total Rs.				614545.70
B	Stock,storage and insurance (@3% on A)				18436.37
C	TOTAL RS.				632982.07
D	T&P @ 2% of C				12659.64
E	Contingency @ 3% of C				18989.46
F	Transportation @ 7.5% of C				47473.66
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				63992.95
H	TOTAL RS.				776097.78
86	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum	Nos.	8	1329.77	10638.16
87	Concreting of 8 Mtr./9 Mtr. PSC Pole in ratio 1:1:5:3(500x500x1500mm)=0.375 cum + Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	20	3241.31	64826.20
88	Construction of Brick Boundary wall for Fencing of DPM S/S in size of 3x3 Mtr.@ 7300.12/RM	RM	12.00	7,300.12	87601.44
89	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
90	Survey of incremental / delta network and assets changes of LT network and updatation in GESW database.	Km	0.48	9633.00	4623.84
91	Survey of incremental / delta network and assets changes of 11 KV network and updatation in GESW database.	Km	0.06	9633.00	577.98
92	Survey and digitization of new DSS and its internals including attrubutes.	Job	1	6883.00	6883.00
	Total Rs.				186350.62

					962,448.40
	Sub Total Rs.				
	Cess @ 1%				9,624.48
	Total Estimated Cost				972,072.88
	Total Estimated Cost in Figures				972,073.00
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)