

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 :- 03 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO 8-F TYPE STAFF QUARTERS AT KABISURYANAGAR FIRE STATION IN THE DISTRICT OF GANJAM.

BID REF NO.-25/PM/ELECT/OPHWC/2026-27

NAME & ADDRESS OF THE FIRM	
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SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
PART-I	3 phase 3W 11 KV line with 55 sq. mm AAAC-0.01 Km				
1	11KV Disc insulator T & C,45 KN polymer	No.	9	1221.20	10990.83
2	11KV H.W Fittings T&C 45KN, 2 Bolted	No.	9	184.60	1661.42
3	11KV Pin Insulator 320 CD polymer	No.	5	284.00	1420.00
4	HT stay set (Complete)REC Construction standard	No.	3	1491.00	4473.00
5	7/10 SWG GI Saty wire, grade-2	Kg	30	106.50	3195.00
6	HT stay Insulator, Type-C	No.	3	71.00	213.00
7	Stay clamp(1.9 Kg/Pair)	pair	3	177.50	532.50
8	Earthing support coil type	No	1	235.72	235.72
9	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.262	106.50	27.90
10	RCC Base plate for support(500x500x10 mm)	Nos.	1	361.34	361.34
11	GI Nuts, Bolts of assorted size	Kg	4	110.76	443.04
12	100x50x6 mm channel for straight cross arm 1.2 Mtr. Each 2 Nos. & 0.3 Mtr. Long 2 Nos. @ 9.2 Kg/Mtr. For 180 Degree CP and Tapping 4 Nos. & 0.3 Mtr. Long 4 Nos. @ 9.2 Kg/Mtr. For 90 Degree CP.	Kg	55.2	106.50	5878.80
13	Fish Plate 50x8 mm, 0.97 Kg/Mtr., each 0.280 Mtr. Length.	Kg	1.086	106.50	115.66

14	9 Mtr. Long 300 KG PSC Pole	No	1	4,260.00	4,260.00
15	55 sq. mm AAAC	Km	0.03	42600.00	1320.60
16	PG clamp for 55 sq. mm Conductor	No.	6	681.60	4089.61
17	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	113.60	340.80
18	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	1.224	106.50	130.36
19	Danger Board	No	1	113.60	113.60
20	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.306	106.50	32.59
21	Black paint	Ltr.	0.5	312.40	156.20
22	Yellow Colour Paint for Background	Ltr.	1	212.77	212.77
23	Sundries	No.	1	100.00	100.00
	Total Rs.				40304.73
PART-II	Construction of 11/0.4 KV 100 KVA DP mounted S/S-1 No.				
24	9 Mtr. Long 300 KG PSC Pole	No	2	4260.00	8520.00
25	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
26	Transformer mounting GI Channel 100x50x6mm 2.8 mtr long,2 Nos.(9.2K.g/mtr)	K.g	51.52	106.50	5486.88
27	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
28	Transformer Belting Angle GI 50x50x6mm ,2.8 mtr long(4.5 K.g/mtr)with side angle Total 7 mtr.	K.g	31.5	106.50	3354.75
29	LT Distribution Box mounting angle GI(50x50x6)1 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	9	106.50	958.50
30	11KV Disc insulator T & C,45 KN polymer	No.	3	1221.20	3663.61
31	11KV H.W Fittings T&C 45KN, 2 Bolted	No.	3	184.60	553.81
32	11KV AB switch 3 pole(200 Amp, 50 Hz)	Set	1	10437.00	10437.00
33	11KV HG fuse 3 pole(200 Amp)	Set	1	8690.40	8690.40
34	11 KV LA(9 KV, 5 KA)	No.	3	1391.60	4174.80
35	LT Distribution box(GI) with MCCB, aluminium bus bar for 2-bay with Kit-kat fus for 100 KVA S/S .	No	1	34674.98	34674.98
36	3.5 Cx150 sq. mm PVC Cable(Un-armoured)	Mtr.	15	715.68	10735.17
37	25x4 mm GI flat @ 0.8 Kg/Mtr.	Kg	53.6	106.50	5708.40
38	HT stay set (Complete)REC Construction standard	No.	2	1491.00	2982.00

39	7/10 SWG GI Saty wire, grade-2	Kg	20	106.50	2130.00
40	HT stay Insulator, Type-C	No.	2	71.00	142.00
41	Stay clamp(1.9 Kg/Pair)	pair	2	177.50	355.00
42	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1491.00	10437.00
43	Earthing Device coil type GI	No	2	235.72	471.44
44	Base plate for PSC Pole	No	2	361.34	722.68
45	GI Nuts, Bolts of assorted size	Kg	30	110.76	3322.88
46	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
47	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.448	106.50	260.71
48	Danger Board	No	2	113.60	227.20
49	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
50	100 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II	No	1	166140.00	166140.00
51	55 sq. mm AAAC Conductor(for jumpering)	Km	0.02	42600.00	852.00
52	Black paint	Ltr.	1	312.40	312.40
53	Yelloe Colour Paint for Background	Ltr.	2	212.77	425.54
54	Sundries	LS	1	1000.00	1000.00
	A.Sub Total Rs.				301082.78
PART-III	Construction of LT 3ph 4 W line using 3x35+1x25+1x16 sqmm XLPE AB Cable=0.15 Km				
55	L.T Stay set (Complete)	Set	6	738.40	4430.40
56	L.T Stay Insulator	No.	6	42.60	255.60
57	L.T Stay clamp (1.40 K.g/Pair)	Pair	6	156.20	937.20
58	7/12 SWG Stay Wire ,Grade-2	Kg	24	106.50	2556.00
59	Suspension clamp with Eye Hook	No	1	482.80	482.80
60	Eye Hook	No.	8	85.20	681.63
61	Pole clamp for eye Hook for AB cable	No.	9	284.00	2556.00
62	Dead end clamp with eye hook	No	8	92.30	738.37
63	Neutral connector Type-B suitable for main 35 to 70 sq. mm AAAC & tap -2.5 to 10 sq. mm service cable cover by black weather resistant insulation cover.	No	2	46.86	93.71
64	Insulated Piercing connector , type A main 16 to 95 sq. mm & Tap -16-95 sq. mm	No.	8	113.60	908.81
65	GI Nut, Bolt & washer	Kg	7.566	110.76	838.01
66	3x35+1x25+1x16 sqmm XLPE AB Cable	Km	0.16	170400.00	26838.00
67	9 Mtr. Long 300 KG PSC Pole	No.	5.00	4260.00	21300.00
68	Earthing support coil type	No	5	235.72	1178.60

69	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	1.310	106.50	139.52
70	Base plate for PSC Pole	No.	5.000	361.34	1806.69
71	Black paint	Ltr.	2.50	312.40	781.00
72	Yellow colour paint for Background	Ltr.	5	212.77	1063.86
73	Saundries(Clamp, connectors, Binding Tape etc.)	No.	1	500.00	500.00
	Total Rs.				68086.20
	A.Sub Total Rs.				409473.71
B	Stock,storage and insurance (@3% on A)				12284.21
C	TOTAL RS.				421757.92
D	T&P @ 2% of C				8435.16
E	Contingency @ 3% of C				12652.74
F	Transportation @ 7.5% of C				31631.84
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				37129.82
H	TOTAL RS.				511607.48
74	Dismantling of 8/9 Mtr. PSC Pole	No.	1	920.61	920.61
75	Dismantling of 25 KVA Dist. Tfr.	No.	1	1534.35	1534.35
76	Dismantling of GO/AB switch	Set	2	1200.00	2400.00
77	Dismantling of Lightning Arrester	No.	162.119	6.44	1044.04
78	Dismantling of Steel structure	Kg	219	5.69	1245.33
79	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum	Nos.	11	1329.77	14627.48
80	Material for earthing including masonary work for earth pit, salt, charcoal earthing chamber size(2'x2')RCC slab cover.	No	7	1600.00	11200.00
81	Concreting of 8 Mtr./9 Mtr. PSC Pole in ratio 1:1:5:3(500x500x1500mm)=0.375 cum	Nos.	8	2493.32	19946.58
82	Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	8	748.00	5984.00
83	Construction of Brick Boundary wall for Fencing of DPM S/S in size of 3x3 Mtr.@ 7300.12/RM	No.	1.00	87,601.00	87601.00
84	Survey of incremental / delta network and assets changes of LT network and updatation in GESW database.	Km	0.15	9633.00	1444.95
85	Survey of incremental / delta network and assets changes of 11 KV network and updatation in GESW database.	Km	0.01	9633.00	96.33
86	Survey and digitization of new DSS and its internals including attrubutes.	No.	1	6883.00	6883.00

87	Survey and digitization of new MCCB/LTDB and its internals including attrubutes.	No.	1	6883.00	6883.00
88	Plinth for LTDB	No.	1	6000.00	6000.00
	Total Rs.				160666.34
	Sub Total Rs.				672,273.82
	Cess @ 1%				6,722.74
	Total Estimated Cost				678,996.56
	Total Estimated Cost in Figures				678,997.00
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)**