

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 TO CATER POWER SUPPLY TO 12-F TYPE STAFF QUARTERS AT BIJIPUR POLICE STATION IN THE DISTRICT OF GANJAM.

BID REF NO - 35/PM/ELECT/OPHWC/2026-27

**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.
I	Erection of 11 KV line by using 100mm2 AAAC=0.01Km				
1	100X50X6 mm G.I Channel St. Cross Arm 1.2 Mtr @ 0.2 mtr long 2 No. including tapping point.	Kg	25.76	78.00	2,009.28
2	Disc insulator (B&S) 70KN Polymer	No	3	150.00	450.00
3	Hardware fittings 70KN (3Bolted)	Set	3	412.00	1,236.00
4	Wedge connector for 100mm2 AAAC	No	3	138.00	414.00
5	Paddle clamp for Wedge connector of 100 sq.mm. Conduc	No	3	148.00	444.00
6	11 KV Pin insulator polymer	No	3	140.00	420.00
7	100mm2 AAAC	Km	0.031	78,410.00	2,430.71
8	GI Nut, Bolt & washer	Kg	3	74.00	222.00
9	Saundries	LS	1	1,000.00	1,000.00
					8,625.99
II	Erection of LT Line 3x50+1x35+1x16mm2 AB Cable & 2nos 9Mtr PSC Pole=60Mtr.				
1	9 Mtr. Long 300 KG PSC Pole	No	2	3,630.00	7,260.00
2	8Mtr Long 200Kg PSC as stud pole	No	1	2,390.00	2,390.00
3	Stud Clamp	Pair	2	260.00	520.00
4	RCC Base Plate for PSC Pole	No	3	361.34	1,084.02
5	Earthing support coil type	No	2	164.00	328.00
6	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.524	74.00	38.78
7	3x50+1x35+1x16 mm2 AB Cable	Km	0.063	186,000.00	11,718.00
8	L.T. Stay set complete	No	2	736.00	1,472.00
9	L.T. Stay insulator	no	2	19.00	38.00
10	H.T. Stay Clamp (1.9Kg/pair)	Pair	2	350.00	700.00
11	7/12 SWG GI Wire (Grade-2)	Kg	16	79.00	1,264.00
12	Dead End Clamp	No	4	217.00	868.00
13	Eye hook	No	4	75.00	300.00
14	Pole clamp for Eye Hook	No	4	240.00	960.00

15	Anticlimbing Device (GI barbed wire 3kg per support)	Kg	6	74.00	444.00
16	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	2.41	78.00	187.98
17	GI Nut, Bolt & washer	Kg	5	74.00	370.00
18	Danger Board	No	2	180.00	360.00
19	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.2	78.00	93.60
20	Black Paint	Ltr	1	212.77	212.77
21	Yellow Colour Paint for back ground	Ltr	2	212.77	425.54
22	Sundries (clamp connector, jumpering materials, paint etc.)	LS	1	1,000.00	1,000.00
TOTAL MATERIAL COST					32,034.69
PART-III	Installation of 100 KVA 11/0.4KV sub station -1 No.				
23	11 Mtr. Long WPB Pole with Base Plate	No	2	27,300.82	54,601.64
24	Earthing Support (Coil Type)	No	2	164.00	328.00
25	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.524	74.00	38.78
26	Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	78.00	4,018.56
27	AB switch mounting GI channel(100x50x6)mm,each 2.8mtr long 4 No(9.2Kg/mtr)	K.g	51.52	78.00	4,018.56
28	HG Fuse mounting GI channel (75x40x6) mm (6.8kg/mtr)	Kg	38.08	78.00	2,970.24
29	Cantilever GI Channel for supporting HG Fuse,75x40x6mm.-1 Mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	78.00	1,060.80
30	Cantilever GI angle for supporting HG Fuse 50x50x6mm MS Angle 1.5 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	13.5	78.00	1,053.00
31	DP Bracing channel(100x50x6)mm, (9.2Kg/mtr)	K.g	103.04	78.00	8,037.12
32	DP Bracing angle (50x50x6)mm, 7 mtr (4.45 Kg/mtr)	K.g	31.5	78.00	2,457.00
33	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	Kg.	13.5	78.00	1,053.00
34	200 Amp 3 Pole AB switch	No	1	9,080.00	9,080.00
35	200 Amp 3 Pole HG Fuse	No	1	6,037.00	6,037.00
36	LA (12KV, 10KA Class)	No	3	1,960.00	5,880.00
37	11 KV Disc insulator insulator	No	3	150.00	450.00
38	HW Fittings 70KN	no	3	412.00	1,236.00
39	11 KV Pin insulator polymer	No	3	140.00	420.00
40	HT stay set	No.	4	1,434.00	5,736.00
41	Stay wire	Kg.	40	77.00	3,080.00
42	Stay insulator	No	4	87.00	348.00
43	Stay Clamp	Pair	4	260.00	1,040.00
44	GI Pipe Earthing40mm dia medium gauge-2.5Mtr	No	7	1,300.00	9,100.00
45	25x4 mm GI Flat for Substation earthing	Kg.	50	72.00	3,600.00
46	50x6 mm GI flat for Neutral earthing of 100KVA	Kg	30	72.00	2,160.00

47	LT Distribution box with MCCB, Aluminium Bus bar for 2 bay with Kitkat Fuse for 100 KVA S/S	No	1	31,086.00	31,086.00
48	100 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	189,025.33	189,025.33
49	GI Nuts, Bolts and washers of assorted size	Kg	25	74.00	1,850.00
50	55sq.mm. AAA conductor for jumpering	Km	0.05	43,360.00	2,168.00
51	4Cx150mm ² LT XLPE Cable (armoured)	Mtr	15	850.00	12,750.00
52	Anticlimbing device (GI barbed wire 3kg per support)	Kg	6	74.00	444.00
53	Back clamp for barbed wire anticlimbing device 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	2.41	78.00	187.98
54	Danger Board	No.	2	180.00	360.00
55	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	1.2	78.00	93.60
56	Black Paint	Ltr	1	212.77	212.77
57	yellow Colour paint for Background	Ltr	2	212.77	425.54
58	Sundries (clamp connector, jumpering materials, paint etc.)	LS	1	2,000.00	2,000.00
59	Total Rs.				368,406.92
A	TOTAL MATERIAL COST				409,067.59
B	Stock, Storage & Insurance @ 3% of A				12,272.03
C	Sub Total (C=A+B)				421,339.62
D	Contingency @3% of C				12,640.19
E	T & P 2% of C				8,426.79
F	Transportation @ 7.5% of C				31,600.47
G	Erection Charges for PSC Pole @ 20%				1,987.90
H	Erection Charges of DTR and Joist Poles & T/F @ 5%				12,546.79
I	Erection Charges of other @ 10%				16,046.43
J	Sub Total Rs.				504,588.20
60	Cement Concrete for Stay Anchor plate/stud CC foundation 1:3:6 size by using 4 cm size HBG metal=(0.45x0.45x1.5) mtr=0.3037Cum @ 4158.84=1263.03 or 1270.00	No	6	1,300.00	7,800.00
61	Concreting of Poles in ratio ,1:1:5:3 for 11 mtr WPB pole	Nos.	2	2,991.98	5,983.96
62	Couping of Poles in ratio ,1:1:5:3 for 11 mtr WPB pole	Nos.	2	748.00	1,496.00
63	Concreting of Poles in ratio ,1:1:5:3 for 9 mtr PSC pole	Nos.	2	2,493.32	4,986.64
64	Couping of Poles in ratio ,1:1:5:3 for 9 mtr PSC pole	Nos.	2	748.00	1,496.00
65	Concreting of Poles in ratio ,1:1:5:3 for 8 mtr PSC pole	Nos.	1	2,493.32	2,493.32
66	Materials for massionary work for earth pit, Charcoal, salt etc including construction of earthing chamber and RCC slab cover.	Nos.	7	1,600.00	11,200.00

67	Brick work with F.P.S bricks of class designation 75 in foundation and plinth in cement mortar 1:6 as per TPSODL specification scope including supply of all material with locking arrangement.	Rm	12	7,300.12	87,601.44
68	Civil cost for making TRF plinth including all civil material as per standard drawing.	Nos.	1	32,181.60	32,181.60
69	Survey of incremental/delta network and assets changes of 11 KV network and updation in GESW database.	Km	0.01	9,633.00	96.33
70	Survey of incremental/delta network and assets changes of LT network and updation in GESW database.	Km	0.06	9,633.00	577.98
71	Survey and digitization of New DSS and its internals including attributes.	Km	1	6,883.00	6,883.00
72	Survey and digitization of New MCCB/LTDB and its internals including attributes.	No	1	6,883.00	6,883.00
	Sub Total Rs.				169,679.27
	Total Amount Rs				674,267.47
	Cess @ 1%				6,742.67
	Total Estimated Cost				681,010.14
	Total Estimated Cost in Figures				681,010.00
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)