

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 :- 11 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO FIRE STATION BUILDING AT MKCG MCH, BERHAMPUR IN THE DISTRICT OF GANJAM.

BID REF NO.-80/PM/ELECT/OPHWC/2025-26

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	Construction of 11/0.4 KV 25 KVA DP mounted S/S-1 No.				
1	11 Mtr Long (160x160)mm WPB GI Pole(30.44 Kg/mtr)including base plate	No	2	34321.52	68643.03
2	Earthing Device coil type GI	No	2	235.72	471.44
3	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
4	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
5	AB switch mounting channel GI(100x50x6)mm, (9.2 Kg/mtr)	K.g	51.52	106.50	5486.88
6	HG fuse mounting channel GI(75x40x6)mm, 2.8 long 4 Nos(6.8Kg/mtr)	K.g	38.08	106.50	4055.52
7	Cantilever GI Channel for supportingAB Switch Arm,75x40x6mm.-1 Mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	106.50	1448.40
8	Cantilever GI angle for supporting AB switch 50x50x6mm GI Angle 1.0 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	13.5	106.50	1437.75
9	DP Bracing Channel GI 100x50x6mm ,9.2 Kg/Mtr.	K.g	51.52	106.50	5486.88
10	DP Bracing Angle GI 50x50x6mm ,7 Mtr.,4.45 Kg/Mtr.	Kg	31.5	106.50	3354.75
11	LT Distribution Box mounting angle GI(50x50x6)1 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	13.5	106.50	1437.75
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	4174.80

15	11KV Disc insulator B&S,70 KN polymer	No.	3	1633.00	4899.00
16	11KV H.W Fittings B&S 70 KN, 3 Bolted	No.	3	497.00	1491.00
17	HT stay set (Complete)REC Construction standard	No.	2	1491.00	2982.00
18	7/10 SWG GI Saty wire, grade-2	Kg	20	106.50	2130.00
19	HT stay Insulator, Type-C	No.	2	71.00	142.00
20	Stay clamp(1.9 Kg/Pair)	pair	2	177.50	355.00
21	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1491.00	10437.00
22	25x6 mm GI flat for earthing	Kg	20	106.50	2130.00
23	25x4 mm GI flat for neutral	Kg	30	106.50	3195.00
24	25 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II	No	1	76396.00	76396.00
25	LT Distribution box(GI) with MCCB including kitkat fuse for 25 KVA S/S.	No	1	21200.60	21200.60
26	GI Nuts, Bolts of assorted size	Kg	30	110.76	3322.80
27	55 sq. mm AAAC Conductor(for jumpering)	Km	0.05	42600.00	2130.00
28	1Cx120 sq. mm LT XLPE Cable	Mtr.	32	249.92	7997.44
29	Danger Board	No	2	113.60	227.20
30	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.2	106.50	127.80
31	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
32	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.407	106.50	256.35
33	Black paint	Ltr.	1	312.40	312.40
34	Yelloe Colour Paint for Background	Ltr.	2	212.77	425.54
35	Sundries(Painting, clamp, connector & jumpering materials)	LS	1	2000.00	2000.00
	Total Rs.				263506.01
PART-II	3 phase 3W 11 KV line with 80 sq. mm AAAC-0.027 Km				
36	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)including base plate	No	1	34321.52	34321.52
37	Earthing Device coil type GI	No	1	235.72	235.72
38	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
39	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1150.20	1150.20
40	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.60
41	Top F clamp	No.	1	340.80	340.80
42	11KV Pin Insulator polymer	No.	3	284.00	852.00
43	100x50x6 mm GI channel for straight cross Arm (1.2 Mtr. Each 2 Nos. & 0.2 Mtr. Long 2 Nos. including tapping Point.	Kg	25.76	106.50	2743.44
44	11KV Disc insulator B&S,70 KN polymer	No.	3	1633.00	4899.00
45	11KV H.W Fittings B&S 70 KN, 3 Bolted	No.	3	497.00	1491.00
46	80 sq. mm AAAC	Km	0.08	61060.00	5067.98
47	PG clamp for 80 sq. mm AAAC	Nos.	3	752.60	2257.81
48	HT stay set (Complete)REC Construction standard	No.	1	1491.00	1491.00
49	7/10 SWG GI Saty wire, grade-2	Kg	10	106.50	1065.00
50	HT stay Insulator, Type-C	No.	1	71.00	71.00

51	Stay clamp(1.9 Kg/Pair)	pair	1	177.50	177.50
52	GI Nuts, Bolts of assorted size	Kg	5	110.76	553.80
53	Danger Board	No	1	113.60	113.60
54	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6	106.50	63.90
55	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	113.60	340.80
56	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	1.2	106.50	127.80
57	Black paint	Ltr.	1	312.40	312.40
58	Yelloe Colour Paint for Background	Ltr.	2	212.77	425.54
59	Sundries(clamp, connector & Binding Tape etc.)	LS	1	1000.00	1000.00
	Total Rs.				59243.31
	A.Sub Total Rs.				322749.32
B	Stock,storage and insurance (@3% on A)				9682.48
C	TOTAL RS.				332431.80
D	T&P @ 2% of C				6648.64
E	Contingency @ 3% of C				9972.95
F	Transportation @ 7.5% of C				24932.39
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				24006.11
H	TOTAL RS.				397991.89
60	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.3037 cum	Nos.	3	1329.77	3989.31
61	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3=0.45 cum	Nos.	3	2991.98	8975.94
62	Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	3	748.00	2244.00
63	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
64	Brick work with F.P.S bricks of class designation 75 in foundation and plinth in cement Mortar 1:6 as per TPSODL specification and drawing.Scope includes supply of all materials with Locking arrangement	RM	12.00	7,300.12	87601.44
65	Plinth	No.	1.00	32,181.60	32181.60
66	Survey of incremental / delta network and assets changes of 11 KV network and updaton in GESW database.	Km	0.027	9633.00	260.09
	Total Rs.				146452.38
	SERVICE CONNECTION				
1	3.5 CORE 35 sq. mm LT PVC Cable	Mtr.	30	215.84	6475.20
2	No.8 GI wire	Kg	5	106.50	532.50
3	200 Amp Kit kat Fuse	No.	3	707.16	2121.48

4	Sundries(Al. Socket, insulation Tape etc.)	Ls	1	500.00	500.00
	A.Sub Total Rs.				9629.18
B	Stock,storage and insurance (@3% on A)				288.88
C	TOTAL RS.				9918.06
D	T&P @ 2% of C				198.36
E	Contingency @ 3% of C				297.54
F	Transportation @ 7.5% of C				743.85
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				991.81
H	TOTAL RS.				12149.62
	Sub Total Rs.				556,593.89
	Cess @ 1%				5,565.94
	Total Estimated Cost				562,159.82
	Total Estimated Cost in Figures				562,160.00
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)**