

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 :- 02 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 8-F TYPE STAFF QUARTERS AT KASINAGR FIRE STATION IN THE DISTRICT OF GAJAPATI.

BID REF NO.-86/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	3 phase 3W 11 KV line with 55 sq. mm AAAC-0.120 Km				
1	9 Mtr. Long 300 KG PSC Pole	No	5	4260.00	21300.00
2	RCC Base Plate	Nos.	5	361.34	1806.69
3	11 KV 'V' cross arm(10.2 Kg each)	No.	2	1150.20	2300.40
4	Top F clamp	No.	2	340.80	681.60
5	GI Back clamp for 11 KV V Cross Arm	No.	2	113.60	227.20
6	Galvanisation of all Ms and RS materials	Kg	26.2	14.20	372.13
7	(100x50x6)mm GI Channel for straight cross Arm 1.45 Mtr. @ 9.2 Kg/Mtr.(4 Nos.)including top piece.	Kg	160.08	106.50	17048.52
8	Disc insulator 45 KN (T&C) Polymer	No.	24	1221.20	29308.80
9	11 KV HW fitting (T&C)45 KN	No	24	184.60	4430.40
10	11KV Pin Insulator polymer	No.	18	284.00	5112.00
11	HT stay set (Complete)	No.	7	1491.00	10437.00
12	HT stay Insulator, Type-C	No.	7	71.00	497.00
13	Stay clamp(1.9 Kg/Pair)	pair	7	177.50	1242.50
14	7/10 SWG GI Saty wire	Kg	70	106.50	7455.00
15	Earthing coil type	No.	5	235.72	1178.60

16	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	1.31	106.50	139.52
17	55 sq. mm AAAC	Km	0.37	42600.00	15796.08
18	PG clamp for 55 sq. mm AAAC	No.	24.00	681.60	16358.44
19	Fish Plate 50x6 mm,2.36 Kg/Mtr.,each 0.280 mtr. Length	Kg	15.86	106.50	1689.09
20	Danger Board	No	5	113.60	568.00
21	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	15	113.60	1704.00
22	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.5	106.50	159.75
23	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	6.02	106.50	641.13
24	GI Nuts & Bolts	Kg	10	110.76	1107.60
25	Black paint	Ltr.	3	312.40	781.00
26	Yellow colour paint for Background	Ltr.	5	212.77	1063.85
27	Saundries(Al. Binding tape, Insulation tape etc.)	No.	1	847.46	847.46
	I. Total Rs.				144253.76
PART-II	Installation of 63 KVA 11/0.4KV sub station - 1 No.				
28	9 Mtr. Long 300 KG PSC Pole	No	2	4260.00	8520.00
29	RCC Base Plate	Nos.	2	361.34	722.68
30	Pressure Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	106.50	5486.88
31	Transformer mounting Channel 100x50x6mm channel 2.8 mtr long,4 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	106.50	5486.88
32	AB switch &HG fuse mounting channel GI(75x40x6)mm,2.8mtr long 4 No(6.8Kg/mtr)with Galvanisation	K.g	76.16	106.50	8111.04
33	Transformer belting (50x50x6)mm GI Angle, 2.8 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	31.5	106.50	3354.75
34	Cantilever GI Channel for supporting HG Fuse 75x40x6mm. 1.0 mtr. Long 2 Nos. (6.8 kg./mtr.)	Kg	13.6	106.50	1448.40
35	Cantilever GI Angle for supporting HG Fuse 50x50x6mm. 1.5 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg	13.5	106.50	1437.75
36	GI Angle for mounting LT Distribution Box (50x50x6)mm 1 Mtr. Long 2 Nos.(3.5 Kg/Mtr.)	Kg	7	106.50	745.50

37	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
38	GI 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
39	11KV AB switch 3 pole(200 Amp, 50 Hz)	Set	1	10437.00	10437.00
40	11KV HG fuse 3 pole(200 Amp)	Set	1	8690.40	8690.40
41	11KV Disc insulatorT & C,45 KN	No.	3	1221.20	3663.60
42	11KV H.W Fittings T&C 45KN	No.	3	184.60	553.80
43	25x6 mm GI flat for earthing	Kg	60	106.50	6390.00
44	25x4 mm GI flat for Neutral	Kg	10	106.50	1065.00
45	11 KV LA(12 KV, 10 KA)	No.	3	5041.00	15123.00
46	Earthing support coil type	No	2	235.72	471.44
47	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
48	HT stay set (Complete)REC Construction standard	No.	4	1491.00	5964.00
49	HT stay Insulator, Type-C	No.	4	71.00	284.00
50	Stay clamp(1.9 Kg/Pair)	pair	4	177.50	710.00
51	7/10 SWG GI Saty wire, grade-2	Kg	40	106.50	4260.00
52	55 sq. mm AAAC Conductor(for jumpering)	Km	0.05	42600.00	2130.00
53	1Cx150 sq. mm XLPE Cable 4 Nos., 10 Mtr. Each	Mtr.	40	298.20	11928.14
54	LT Distribution box with MCCB, Aluminium Bus bar for single bay with Kitkat Fuse for 63 KVA S/S	No	1	26017.24	26017.24
55	63 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II	No	1	122830.00	122830.00
56	PG clamp for 55 sq. mm AAAC	Nos.	3	681.60	2044.80
57	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1491.00	10437.00
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	0.6018	106.50	64.09
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	2.41	106.50	256.67
62	GI Nuts, Bolts of assorted size	Kg	25	110.76	2769.00
63	Black paint	Ltr.	1	312.40	312.40
64	Yellow colour paint for Background	Ltr.	2	212.77	425.54

65	Saundries(Al. Binding tape, Insulation tape etc.)	No.	1	847.46	847.46
II. Total Rs.					275218.27
PART-III	Construction of LT 3ph 6 W line using 4x50+1x50+1x16 sqmm XLPE AB Cable=0.220 Km				
66	8 Mtr. Long 200 KG PSC Pole	No	7	2840.00	19880.00
67	RCC Base Plate (500x500x10)mm for PSC Pole	Nos.	7	361.34	2529.37
68	1.1 KV LT AB cable(4x50+1x50+1x16) sqmm	Km	0.23	206220.34	47636.90
69	Cap Cable End for ABC 35 sq. mm	No	8	8.27	66.17
70	Suspension clamp with Eye Hook	No	2	482.80	965.60
71	Dead end clamp with Eye Hook	No	12	177.50	2130.00
72	Pole clamp for eye Hook for AB cable	No.	14	284.00	3976.00
73	Piercing connector	No.	21	113.60	2385.64
74	Neutral connector	No.	7	46.86	327.99
75	Earthing support coil type	No	7	235.72	1650.04
76	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	1.830	106.50	194.90
77	GI Nut, Bolt & washer	Kg	5	110.76	553.80
78	Black paint	Ltr.	4	312.40	1093.40
79	Yellow colour paint for Background	Ltr.	7	212.77	1489.39
80	Saundries	No.	1	423.73	423.73
III.Total Rs.					85302.92
A.Sub Total Rs.					504774.95
B	Stock,storage and insurance (@3% on A)				15143.25
C	TOTAL RS.				519918.20
D	T&P @ 2% of C				10398.36
E	Contingency @ 3% of C				15597.55
F	Transportation @ 7.5% of C				38993.86
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				50785.18
H	TOTAL RS.				635693.15
81	Stay concreting in ratio C.C ,1:2:4 as per TPSODL Drawing and specification.	Nos.	11	1329.77	14627.48
82	Concreting of 9 Mtr./ 8 Mtr. PSC Pole in ratio C:C 1:1:5:3=0.375 cum 8 Mtr. PSC Pole	Nos.	14	2493.32	34906.51
83	Couping of poles C.C 1:1:5:3,0.1125 cum @6400	Nos.	14	748.00	10472.00
84	Material for earthing including masonry work for earth pit, salt, charcoal earthing chamber size(2'x2')RCC slab cover.	No	7	3784.73	26493.11

85	Brick wall Bounding (size=3 Mtr.x3 Mtr.x1.5 Mtr.)with fixing of iron grill gate etc with sand & metal spreading.	Mtr.	12.00	7,300.08	87600.96
86	Survey of incremental / delta network and assets changes of LT network and updation in GESW database.	Km	0.22	9633.00	2119.26
87	Survey of incremental / delta network and assets changes of 11 KV network and updation in GESW database.	Km	0.12	9633.00	1155.96
88	Survey and digitization of new DSS and its internals including attributes.	Job	1	6883.00	6883.00
					184258.28
89	Dismantling charges for HT Pole	Nos.	2	920.61	1841.22
90	Dismantling of Existing Line	Mtr.	360	6.44	2,318.40
91	Dismantling charges for 25 KVA DTR	No.	1	1534.35	1,534.35
92	Dismantling of LT AB Cable	Span	2	400.00	800.00
93	Dismantling charges for LT Pole	No.	1	920.61	920.61
	Total (Dismantling charges)				7,414.58
	Sub Total Rs.				827,366.01
	Cess @ 1%				8,273.66
	Total Estimated Cost				835,639.67
	Total Estimated Cost in Figures				835,640.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (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)**