

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 FOR POWER SUPPLY TO 1-E+8-F TYPE STAFF QUARTERS AT BELAGUNTHA FIRE STATION IN THE DISTRICT OF GANJAM.

BID REF NO.- 74/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	UPGRADATION OF S/S FROM 25 KVA TO 100 KVA S/S.-1 No.				
1	11KV AB switch 3 pole(200 Amp, 50 Hz)	Set	1	10437.00	10437.00
2	11KV HG fuse 3 pole(200 Amp)	Set	1	8690.40	8690.40
3	11 KV LA(9 KV, 10 KA)	No.	3	1420.00	4260.00
4	LT Distribution box(GI) with MCCB, Aluminium busbar of 2 bay with Kit Kat Fuse for 100 KVA S/S.	No	1	34674.98	34674.98
5	100 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II, IS 1180, Ammendment-4	No	1	166140.00	166140.00
6	1 C x 185 sq. mm LT XLPE Cable	Mtr.	40	363.52	14540.80
7	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1491.00	10437.00
8	GI Nuts, Bolts of assorted size	Kg	10	110.76	1107.60
9	Sundries(Al. Binding Tape, insulation tape etc.)	LS	1	500.00	500.00
	Total Rs.				250787.78
PART-II	3 phase 3W 11 KV line with 3CX35 sq. mm XLPE Cable-0.012 Km over existing Pole				
10	3Cx50 sq. mm 11 KV XLPE cable(armoured)A2FXY(double Circuit)	Mtr.	25.2	576.52	14528.30
11	Heat shrinkable jointing kit for 3Cx50 sq. mm 11 KV XLPE cable (outdoor)type	No.	4	15547.58	62190.32
12	GI Nuts & Bolts	Kg	2	110.76	221.52
13	Sundries	No.	1	100.00	100.00
	Total Rs.				77040.14
PART-III	3 phase 3W 11 KV line DP with 400 Amp AB SWITCH-1 NO.				
14	9 Mtr. Long 300 KG PSC Pole	No	2	4260.00	8520.00

15	RCC Base plate for support	No	2	361.34	722.68
16	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)	K.g	51.52	106.50	5486.88
17	GI Bracing channel for supporting DP arm,75x40x6mm channel 2.8 mtr long,4 Nos.6.8 K.g/mtr)	K.g	38.08	106.50	4055.52
18	Bracing Angle GI(50x50x6)mm,4 mtr long 2 No(4.5 Kg/mtr)	K.g	36	106.50	3834.00
19	AB switch mounting channel GI(75x40x6)mm,2.8mtr long 4 No(6.8Kg/mtr)with Galvanisation	K.g	38.08	106.50	4055.52
20	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
21	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
22	Disc insulator 45 KN (B&S) Polymer	No.	6	1221.20	7327.20
23	11 KV HW fitting (B&S) type 2 bolted	No	6	369.20	2215.20
24	PG clamp for 55 sq. mm AAAC	No.	6	681.60	4089.60
25	Fish Plate 0.661 Kg/item	No.	6	70.40	422.40
26	11KV Pin Insulator polymer	No.	3	284.00	852.00
27	55 sq. mm AAAC	Km	0.05	42600.00	2130.00
28	11KV AB switch 3 pole(400 Amp, 50 Hz)	Set	1	16827.00	16827.00
29	11 KV LA(9 KV, 10 KA)	No.	3	1420.00	4260.00
30	HT stay set (Complete)	No.	2	1491.00	2982.00
31	HT stay Insulator, Type-C	No.	2	71.00	142.00
32	Stay clamp(1.9 Kg/Pair)	pair	2	177.50	355.00
33	7/10 SWG GI Saty wire	Kg	20	106.50	2130.00
34	Earthing Device coil type GI	No	2	235.72	471.44
35	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
36	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	3	1491.00	4473.00
37	25x6 mm GI Flat for earthing	Kg	45	106.50	4792.50
38	Danger Board	No	2	113.60	227.20
39	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
40	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
41	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.4072	106.50	256.37
42	GI Nut, Bolt & washer of assorted size	Kg	10	110.76	1107.60
43	Black paint	Ltr.	1	312.40	312.40
44	Yellow colour paint for Background	Ltr.	2	212.77	425.54
45	Sundries(Al. binding tape, insulating Tape etc.)	No.	1	1000.00	1000.00
	Total Rs.				85539.76
PART-IV	Erection of 3 Ph 5W LT Line-0.23 Km				
46	9 Mtr. Long 300 KG PSC Pole	No	1	4260.00	4260.00

47	8 Mtr. Long 200 KG PSC Pole	No	3	2840.00	8520.00
48	Base plate for support	No	4	361.34	1445.36
49	Earthing Device coil type GI	No	4	235.72	942.88
50	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	1.048	106.50	111.61
51	Pole clamp for eye Hook	No.	9	284.00	2556.00
52	Suspension clamp with Eye Hook	No	4	482.80	1931.20
53	Dead end clamp with Eye Hook	No	5	177.50	887.50
54	3x50+1x35+1x16 sq. mm LT XLPE Cable	Km	0.2415	198800.00	48010.20
55	L.T Stay set (Complete)	Set	4	738.40	2953.60
56	L.T Stay Insulator	No.	4	42.60	170.40
57	L.T Stay clamp (1.40 K.g/Pair)	Pair	4	156.20	624.80
58	7/12 SWG Stay Wire	Kg	32	106.50	3408.00
59	GI Nut, bolt & washer	Kg	10	110.76	1107.63
60	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	12	113.60	1363.20
61	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	4.814	106.50	512.69
62	Danger Board	No	4	113.60	454.40
63	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
64	Black paint	Ltr.	2	312.40	624.80
65	Yellow colour paint for Background	Ltr.	4	212.77	851.08
66	Sundries(Al. binding tape, insulating Tape etc.)	No.	1	300.00	300.00
					81163.15
	A.Sub Total Rs.				494530.84
B	Stock,storage and insurance (@3% on A)				14835.93
C	TOTAL RS.				509366.76
D	T&P @ 2% of C				10187.34
E	Contingency @ 3% of C				15281.00
F	Transportation @ 7.5% of C				38202.51
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				44574.37
H	TOTAL RS.				617611.98
21	Stay concreting in ratio 1:2:4(0.5x0.5x0.8)Mtr. as per TPSODL specification and drawing =0.2 cum	Nos.	6	1329.77	7978.62
23	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.	6	3241.31	19447.86
66	Dismantling of existing 11/0.4 KV, 33/0.4 KV Three phase Distribution Transformer 25 KVA including removal of HT /LT leads, earth connections and uploading by crane if required. Scope of work also includes loading , transportation, unloading and staking at a proper place in safe position/ site store.	No	1	1534.35	1534.35

65	Dismantling of various size of XLPE /PVC Cable(upto 1000 sq. mm) with all sizes upto 33 KV from OH Line, cable trenches, mounting at pole or other places etc., recoiling, loading, transportation, unloading and staking at a proper place in safe position/ site store.	Mtr.	24	30.69	736.56
64	Dismantling of LT AB cable for OH Line recoiling, loading, transportation, unloading and staking at a proper place in safe position/ site store.	Mtr.	90	23.02	2071.80
61	Survey of incremental / delta network and assets changes of 11 KV network and updation in GESW database.	Km	0.012	9633.00	115.60
62	Survey of incremental / delta network and assets changes of LT network and updation in GESW database.	Km	0.23	9633.00	2215.59
63	Survey and digitization of new DSS and its internals including attributes.	Job	1	6883.00	6883.00
	Total Rs.				40983.38
	Sub Total Rs.				658,595.35
	Cess @ 1%				6,585.95
	Total Estimated Cost				665,181.31
	Total Estimated Cost in Figures				665,181.00
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)