

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
[Electrical Division]
Ph: 0674-2541545, 2542921, Fax: 0674-2541543
E-mail :- pmelectricalophwc2025@gmail.com, Website: www.ophwc.com

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 JAGANNATHPRASAD FIRE STATION IN THE DISTRICT OF GANJAM.

BID REF NO.- 74/PM/ELECT/OPHWC/2025-26

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 63 KVA DP mounted S/S-1 No.				
1	9 Mtr. Long 300 KG PSC Pole	No	2	4260.00	8520.00
2	RCC Base plate for support	No	2	361.34	722.68
3	Earthing Device coil type GI	No	2	235.72	471.44
4	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
5	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
6	Transformer mounting GI Channel 100x50x6mm 2.8 mtr long,2 Nos.(9.2K.g/mtr)	K.g	51.52	106.50	5486.88
7	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
8	Cantilever GI Channel for supportingAB Switch Arm,75x40x6mm.-1 Mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	106.50	1448.40
9	Cantilever GI angle for supporting AB switch 50x50x6mm GI Angle 1.0 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	9	106.50	958.50
10	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
11	LT Distribution Box mounting angle GI(50x50x6)1 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	9	106.50	958.50
12	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
13	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
14	11KV Disc insulator T & C,45 KN polymer	No.	3	1221.20	3663.61
15	11KV H.W Fittings T&C 45KN, 2 Bolted	No.	3	369.20	1107.60

16	11KV AB switch 3 pole(200 Amp, 50 Hz)	Set	1	10437.00	10437.00
17	11KV HG fuse 3 pole(200 Amp)	Set	1	8690.40	8690.40
18	11 KV LA(9 KV, 5 KA)	No.	3	1391.60	4174.80
19	HT stay set (Complete)REC Construction standard	No.	2	1491.00	2982.00
20	7/10 SWG GI Saty wire, grade-2	Kg	20	106.50	2130.00
21	HT stay Insulator, Type-C	No.	2	71.00	142.00
22	Stay clamp(1.9 Kg/Pair)	pair	2	177.50	355.00
23	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1491.00	10437.00
24	25x6 mm GI flat for earthing	Kg	60	106.50	6390.00
25	25x4 mm GI flat for neutral	Kg	10	106.50	1065.00
26	55 sq. mm AAAC Conductor(for jumpering)	Km	0.05	42600.00	2130.00
27	PG clamp for 55 sq. mm AAAC	Nos.	3	681.60	2044.80
28	GI Nuts, Bolts of assorted size	Kg	25	110.76	2769.00
29	LT Distribution box(GI) with MCCB including kitkat fuse for 63 KVA S/S.	No	1	26017.24	26017.24
30	63 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II	No	1	122830.00	122830.00
31	1Cx95 sq. mm LT XLPE Cable	Mtr.	40	208.74	8349.60
32	Danger Board	No	2	113.60	227.20
33	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
34	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
35	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.407	106.50	256.35
36	Black paint	Ltr.	1	312.40	312.40
37	Yelloe Colour Paint for Background	Ltr.	2	212.77	425.54
38	Sundries(Painting, clamp, connector & jumpering materials)	LS	1	1000.00	1000.00
	A.Sub Total Rs.				255522.34
PART-II	3 phase 3W 11 KV line with 55 sq. mm AAAC-0.05 Km				
1	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)including base plate	No	1	34321.52	34321.52
2	Earthing Device coil type GI	No	1	235.72	235.72
3	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
4	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 4 Nos, & 0.3 Mtr. Long 4 Nos.including tapping point	Kg	25.76	106.50	2743.44
5	11KV Disc insulator T & C,45 KN polymer	No.	3	1221.20	3663.61
6	11KV H.W Fittings T&C 45KN, 2 Bolted	No.	3	369.20	1107.60
7	PG clamp for 55 sq. mm AAAC	Nos.	3	681.60	2044.80
8	Fish Plate (0.661 Kg/item)	Kg	3	70.40	211.20
9	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1150.20	1150.20
10	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.60
11	Top F clamp	No.	1	340.80	340.80
12	11KV Pin Insulator 320 CD polymer	No.	3	284.00	852.00
13	HT stay set (Complete)REC Construction standard	No.	1	1491.00	1491.00
14	7/10 SWG GI Saty wire, grade-2	Kg	10	106.50	1065.00
15	HT stay Insulator, Type-C	No.	1	71.00	71.00
16	Stay clamp(1.9 Kg/Pair)	pair	1	177.50	177.50

17	55 sq. mm AAAC	Km	0.15	42600.00	6453.90
18	GI Nuts, Bolts of assorted size	Kg	2	110.76	221.52
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	0.3009	106.50	32.05
21	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	113.60	340.80
22	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	1.204	106.50	128.23
23	Black paint	Ltr.	0.5	312.40	156.20
24	Yelloe Colour Paint for Background	Ltr.	1	212.77	212.77
25	Sundries	No.	1	100.00	100.00
	Total Rs.				57375.96
PART-III	Construction of LT 3ph 4 W line using 3X50+1x35+1X16 sqmm XLPE AB Cable=0.15 Km				
1	9 Mtr. Long 300 KG PSC Pole	No	6	4,260.00	25,560.00
2	RCC Base plate for support	No.	6	361.34	2168.04
3	Earthing support coil type	No	6	235.72	1414.32
4	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	1.572	106.50	167.42
5	Pole clamp for eye Hook for AB cable	No.	7	284.00	1988.00
6	Dead end clamp with eye hook	No	4	177.50	710.00
7	Suspension clamp with Eye Hook	No	3	482.80	1448.40
8	3X50+1x35+1X16 sqmm XLPE AB Cable	Km	0.16	198800.00	31311.00
9	L.T Stay set (Complete)	Set	2	738.40	1476.80
10	L.T Stay Insulator	No.	2	42.60	85.20
11	L.T Stay clamp (1.40 K.g/Pair)	Pair	2	156.20	312.40
12	7/12 SWG Stay Wire ,Grade-2	Kg	16	106.50	1704.00
13	GI Nut, Bolt & washer	Kg	5	110.76	553.80
14	Danger Board	No	6	113.60	681.60
15	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.81	106.50	192.77
16	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	18	113.60	2044.80
17	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	7.222	106.50	769.14
18	Black paint	Ltr.	3.00	312.40	937.20
19	Yellow colour paint for Background	Ltr.	6	212.77	1276.62
20	Saundries(Clamp, connectors, Binding Tape etc.)	No.	1	200.00	200.00
	Total Rs.				75001.51
	A.Sub Total Rs.				387899.80
B	Stock,storage and insurance (@3% on A)				11636.99
C	TOTAL RS.				399536.80
D	T&P @ 2% of C				7990.74
E	Contigency @ 3% of C				11986.10
F	Transportation @ 7.5% of C				29965.26
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				35370.61
H	TOTAL RS.				484849.51

21	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum	Nos.	5	1329.77	6648.85
22	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.	8	3241.31	25930.48
23	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3=0.45 cum+Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	1	3739.98	3739.98
24	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
25	Construction of Brick Boundary wall for Fencing of DPM S/S in size of 3x3 Mtr.@ 7300.12/RM	RM	12.00	7,300.12	87601.44
26	Survey of incremental / delta network and assets changes of LT network and updatation in GESW database.	Km	0.15	9633.00	1444.95
27	Survey of incremental / delta network and assets changes of 11 KV network and updatation in GESW database.	Km	0.02	9633.00	192.66
28	Survey and digitization of new DSS and its internals including attrubutes.	Job	1	6883.00	6883.00
	Total Rs.				143641.36
	Sub Total Rs.				628,490.87
	Cess @ 1%				6,284.91
	Total Estimated Cost				634,775.77
	Total Estimated Cost in Figures				634,776.00
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)