

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
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[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 1-E+8-F TYPE STAFF QUARTERS AT DHARAKOTE FIRE STATION IN THE DISTRICT OF GANJAM.

BID REF NO.-62/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	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr) with base plate 300x300x12	No	2	34,321.52	68,643.04
2	Top Pressure Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	53.536	106.50	5,701.58
3	Transformer mounting GI Channel 100x50x6mm 2.8 mtr long,2 Nos.(9.2K.g/mtr)	K.g	53.536	106.50	5,701.58
4	AB switch &HG fuse mounting channel GI(75x40x6)mm, 2.8 long 4 Nos(6.8Kg/mtr)	K.g	79.968	106.50	8,516.59
5	Transformer Belting Angle GI 50x50x6mm ,2.8 mtr long(4.5 K.g/mtr)with side angle Total 7 mtr.	K.g	25.2	106.50	2,683.80
6	LT Distribution Box mounting angle GI(50x50x6)1 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	13.5	106.50	1,437.75
7	DTR Bottom fixing Angle(50x50x6mm.-550 mm. Long 2 Nos. (4.5 kg./mtr.)	Kg.	4.95	106.50	527.18
8	Channel support for down pipe 75x40x4.8 mm ,750 mm ,7.14 Kg/Mtr. 1 No. required.	K.g	5.355	106.50	570.31
9	LT DB Holding angle 50x50x6 mm ,4.5 Kg/Mtr., 2.77 Mtr., 2 Nos.	Kg.	25.2	106.50	2,683.80
10	Support clamp for DTR Base Channel (50x8) 4 Nos.,420 mm ,3.14 Kg/Mtr.	Kg.	5.2752	106.50	561.81
11	Back clamp for LTDB holding Angle & Channel support down pipe, 3 Nos. 50x6 mm ,555 mm,2.36 Kg/Mtr.	Kg.	3.9294	106.50	418.48
12	Support clamp for cable 50x6 mm,2.36 Kg/mtr., 4 nos., 570 mm	Kg.	5.3808	106.50	573.06
13	Fish Plate 50x6 mm, 2.36 Kg/Mtr., each 0.280 Mtr. Length, 8 Nos. required (8x2.36x0.280)	Kg.	5.2864	106.50	563.00
14	Stay clamp(50x8)mm ,4 Nos., 3.14 kg, 465 mm	Kg	5.8404	106.50	622.00

15	11KV AB switch 3 pole(400 Amp, 50 Hz)	Set	1	16,827.00	16,827.00
16	11KV HG fuse 3 pole(400 Amp)	Set	1	16,372.60	16,372.60
17	11 KV LA(9 KV, 10 KA)station class	No.	3	1,420.00	4,260.00
18	11KV Disc insulator T & C,45 KN polymer	No.	3	1,221.20	3,663.61
19	11KV H.W Fittings T&C 45KN	No.	3	184.60	553.81
20	HT stay set (Complete)REC Construction standard	No.	2	1,491.00	2,982.00
21	7/10 SWG GI Saty wire, grade-2	Kg	20	106.50	2,130.00
22	HT stay Insulator, Type-C	No.	2	71.00	142.00
23	Stay clamp(1.9 Kg/Pair)	pair	2	177.50	355.00
24	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1,491.00	10,437.00
25	25x6 mm GI flat for earthing	Kg	70	106.50	7,455.00
26	LT Distribution box(GI) with MCCB including kitkat fuse for 63 KVA S/S.	No	1	26,017.24	26,017.24
27	63 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II	No	1	122,830.00	122,830.00
28	GI Nuts, Bolts of assorted size	Kg	25	110.76	2,769.00
29	55 sq. mm AAA Conductor(for jumpering)	Km	0.05	42,600.00	2,130.00
30	3.5 Cx 95 sq. mm LT PVC Cable(Un armoured)	Mtr.	15	472.86	7,092.84
31	Earthing Device coil type GI	No	2	235.72	471.44
32	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
33	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	4	113.60	454.40
34	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	4.896	106.50	521.42
35	Danger Board	No	2	113.60	227.20
36	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.612	106.50	65.18
37	Name Plate	No	1	113.60	113.60
38	Back clamp for Name Plate (GI Flat 25x3 mm @ 0.6 Kg/Mtr.)510 mm Length(0.306 Kg/PC)	Kg	0.31	106.50	33.02
39	Pole clamp for eye Hook for AB cable	No.	1	284.00	284.00
40	Eye hook	No	1	85.20	85.20
41	Dead end clamp	No	1	92.30	92.30
42	Aluminium Paint	Ltr.	0.25	284.00	71.00
43	Red Oxide paint	Ltr.	0.25	284.00	71.00
44	Sundries	LS	1	500.00	500.00
A	Sub Total Rs.				328,266.64
B	Stock,storage and insurance (@3% on A)				9,848.00
C	TOTAL RS.				338,114.64
D	T&P @ 2% of C				6,762.29
E	Contingency @ 3% of C				10,143.44

F	Transportation @ 7.5% of C				25,358.60
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				23,950.60
H	TOTAL RS.				404,329.57
45	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum	Nos.	2	1,329.77	2,659.54
46	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3=0.45 cum @6648.85	Nos.	2	2,991.98	5,983.96
47	Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	2	748.00	1,496.00
48	Material for earthing including masonry work for earth pit, salt, charcoal earthing chamber size(2'x2')RCC slab cover.	No	7	3,784.73	26,493.11
49	Construction of Brick Boundary wall for S/S	Ls	1.00	87,601.00	87,601.00
	Total Rs.				528,563.18
PART-II	3 phase 3W 11 KV line with 55 sq. mm AAAC-0.015 Km with CP-1 No.				
1	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)including base plate	No	1	34,321.52	34,321.52
2	11KV Disc insulator T & C,45 KN polymer	No.	3	1,221.20	3,663.61
3	11KV H.W Fittings T&C 45KN, 2 Bolted	No.	3	184.60	553.81
4	100x50x6 mm GI channel for cut point	Kg	22.94	106.50	2,443.11
5	Fish Plate 50x6 mm, 2.36 Kg/Mtr., each 0.280 Mtr. Length, 8 Nos. required (8x2.36x0.280)	Kg	3.96	106.50	421.74
6	Straight Cross arm 100x50x6 mm ,9.56 Kg/ Mtr. Each channel Length 0.306 Mtr., 2 Nos. channel required=2x9.56x0.306	Kg	5.850	106.50	623.03
7	55 sq. mm AAAC	Km	0.05	42,600.00	1,974.08
8	GI Nuts, Bolts of assorted size	Kg	3	110.76	332.28
9	HT stay set (Complete)REC Construction standard	No.	1	1,491.00	1,491.00
10	7/10 SWG GI Saty wire, grade-2	Kg	10	106.50	1,065.00
11	HT stay Insulator, Type-C	No.	1	71.00	71.00
12	Stay clamp(1.9 Kg/Pair)	pair	1	177.50	177.50
13	Earthing Device coil type GI	No	1	235.72	235.72
14	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
15	Danger Board	No	1	113.60	113.60
16	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
17	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	113.60	340.80
18	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	1.2036	106.50	128.18
19	Sundries(Paints & other)	Ls	1	1,000.00	1,000.00

	Total Rs.				49,015.93
A	Sub Total Rs.				49,015.93
B	Stock,storage and insurance (@3% on A)				1,470.48
C	TOTAL RS.				50,486.40
D	T&P @ 2% of C				1,009.73
E	Contingency @ 3% of C				1,514.59
F	Transportation @ 7.5% of C				3,786.48
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				3,282.33
H	TOTAL RS.				60,079.53
20	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum	Nos.	1	1,329.77	1,329.77
21	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3=0.45 cum @6648.85	Nos.	1	2,991.98	2,991.98
22	Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	1	748.00	748.00
	Total Rs.				65,149.28
PART-III	Construction of LT 3ph 4 W line using 3X50+1x35 sqmm XLPE AB Cable=0.15 Km				
1	9 Mtr. Long 300 KG PSC Pole	No	5	4,260.00	21,300.00
2	3X50+1x35 sqmm XLPE AB Cable	Mtr.	130.00	184.60	23,998.22
3	Pole clamp for eye Hook for AB cable	No.	5	284.00	1,420.00
4	Eye hook	No.	5	85.20	426.02
5	Dead end clamp with eye hook	No	1	92.30	92.30
6	Suspension clamp with Eye Hook	No	4	482.80	1,931.20
7	GI Nut, Bolt & washer	Kg	3	110.76	332.28
8	L.T Stay set (Complete)	Set	5	738.40	3,692.00
9	L.T Stay Insulator	No.	5	42.60	213.00
10	L.T Stay clamp (1.40 K.g/Pair)	Pair	5	156.20	781.00
11	7/12 SWG Stay Wire ,Grade-2	Kg	50	106.50	5,325.00
12	RCC Base plate for support	No.	5	361.34	1,806.70
13	Earthing support coil type	No	5	235.72	1,178.60
14	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	1.310	106.50	139.52
15	Danger Board	No	5	113.60	568.00
16	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	3.06	106.50	325.89
17	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	5	113.60	568.00
18	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	1.53	106.50	162.95
19	Saundries	Ls	1	1,000.00	1,000.00
	Total Rs.				65,260.66

A	Sub Total Rs.				65,260.66
B	Stock,storage and insurance (@3% on A)				1957.82
C	TOTAL RS.				67218.48
D	T&P @ 2% of C				1344.37
E	Contingency @ 3% of C				2016.55
F	Transportation @ 7.5% of C				5041.39
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				8915.75
H	TOTAL RS.				84536.54
20	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum	Nos.	5	1,329.77	6,648.85
21	Concreting of 8 Mtr./9 Mtr. PSC Pole in ratio 1:1:5:3(500x500x1500mm)=0.375 cum	Nos.	5	2,493.32	12,466.61
22	Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	5	748.00	3,740.00
	Total Rs.				107,392.00
	Sub Total Rs.				701,104.47
	Cess @ 1%				7,011.04
	Total Estimated Cost				708,115.51
	Total Estimated Cost in Figures				708,116.00
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)**