

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 :- 06 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 8-F TYPE STAFF QUARTERS AT SANAKHEMUNDI FIRE STATION IN THE DISTRICT OF GANJAM.****BID REF NO.-78/PM/ELECT/OPHWC/2025-26****NAME
&
ADDRESS
OF THE
FIRM****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 63 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	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
3	Transformer mounting GI Channel 100x50x6mm 2.8 mtr long,2 Nos.(9.2K.g/mtr)	K.g	51.52	106.50	5486.88
4	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
5	Cantilever GI Channel for supporting HG Fuse Arm,50x50x6 mm.-1 Mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	106.50	1448.40
6	Cantilever GI Channel for supporting HG Fuse Arm,50x50x6 mm.-1 Mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	9	106.50	958.50
7	GI Angle for Cantilever arrangement for AB switch and HG fuse 50x50x6 mm 2 Mtr. Long each 2 Nos.(4.5 Kg/mtr.)	Kg.	18	106.50	1917.00
8	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
9	LT Distribution Box mounting angle GI(50x50x6)1 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	13.5	106.50	1437.75
10	11KV Disc insulator T & C,45 KN polymer	No.	3	1221.20	3663.61

11	11KV H.W Fittings T&C 45KN	No.	3	184.60	553.81
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	LT Distribution box(GI) with MCCB including kitkat fuse for 63 KVA S/S.	No	1	26017.24	26017.24
16	HT stay set (Complete)REC Construction standard	No.	2	1491.00	2982.00
17	7/10 SWG GI Saty wire, grade-2	Kg	20	106.50	2130.00
18	HT stay Insulator, Type-C	No.	2	71.00	142.00
19	Stay clamp(1.9 Kg/Pair)	pair	2	177.50	355.00
20	PG clamp for 55 sq. mm AAAC	Nos.	6	681.60	4089.60
21	55 sq. mm AAAC Conductor(for jumpering)	Km	0.05	42600.00	2130.00
22	Fish plate 50x8 mm ,0.97 Kg/Mtr., each 0.280 mtr. Length	kg	1.63	106.50	173.60
23	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1491.00	10437.00
24	Earthing of support coil type	No	2	235.72	471.44
25	25x6 mm GI flat for earthing	Kg	84	106.50	8946.00
26	GI Nuts, Bolts of assorted size	Kg	25	110.76	2769.00
27	63 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II	No	1	122830.00	122830.00
28	3.5 Cx 95 sq. mm PVC Cable	Mtr.	12	472.86	5674.27
29	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
30	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	4.81	106.50	512.27
31	Danger Board	No	2	113.60	227.20
32	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
33	Sundries(Painting, clamp, connector & jumpering materials)	LS	1	1694.92	1694.92
	A.Sub Total Rs.				316754.77
B	Stock,storage and insurance (@3% on A)				9502.64
C	TOTAL RS.				326257.42
D	T&P @ 2% of C				6525.15
E	Contingency @ 3% of C				9787.72
F	Transportation @ 7.5% of C				24469.31
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				22764.88
H	TOTAL RS.				389804.47
34	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

35	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3=0.45 cum	Nos.	2	2880.00	5760.00
36	Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	2	720.00	1440.00
37	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum	Nos.	2	1235.58	2471.16
38	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
39	Plinth	Ls	1.00	32,181.60	32181.60
	Total Rs.				140654.20
	Sub Total Rs.				530,458.67
PART-II	3 phase 3W 11 KV line with 80 sq. mm AAAC-0.03 Km				
1	Fish Plate 50x8 mm ,0.97 Kg/Mtr., each 0.280 Mtr. Length	Kg	1.63	106.50	173.60
2	11KV Disc insulator T & C,45 KN polymer	No.	3	1221.20	3663.61
3	80 sq. mm AAAC	Km	0.09	61060.00	5495.40
4	PG clamp for 80 sq. mm AAAC	Nos.	3	752.60	2257.81
5	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	2	1491.00	2982.00
6	HT stay set (Complete)REC Construction standard	No.	1	1491.00	1491.00
7	7/10 SWG GI Saty wire, grade-2	Kg	10	106.50	1065.00
8	HT stay Insulator, Type-C	No.	1	71.00	71.00
9	Stay clamp(1.9 Kg/Pair)	pair	1	177.50	177.50
10	GI Nuts, Bolts of assorted size	Kg	2	110.76	221.52
11	100x50x6 mm GI channel for straight cross Arm (1.2 Mx10 pcs)(9.2 Kg/Mtr.) for tapping and cut point pole	Kg	25.76	106.50	2743.44
12	Sundries	No.	1	1000.00	1000.00
	A.Sub Total Rs.				21341.87
B	Stock,storage and insurance (@3% on A)				640.26
C	TOTAL RS.				21982.13
D	T&P @ 2% of C				439.64
E	Contingency @ 3% of C				659.46
F	Transportation @ 7.5% of C				1648.66
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				2198.21
H	TOTAL RS.				26928.10
13	Material for earthing including masonry work for earth pit, salt, charcoal earthing chamber size(2'x2')RCC slab cover.	No	2	1600.00	3200.00
37	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum	Nos.	2	1235.58	2471.16

	Total Rs.				5671.16
	Sub Total Rs.				32,599.26
PART-III	Construction of LT 3ph 4 W line using 3X50+1x35+1X16 sqmm XLPE AB Cable=0.21 Km				
1	9 Mtr. Long 300 KG PSC Pole	No	5	4,260.00	21,300.00
2	RCC Base plate for support	No.	5	2130.00	10650.00
3	3X35+1x25+1X16 sqmm XLPE AB Cable	Km	0.21	170400.00	35784.00
4	Dead end clamp with eye hook	No	9	92.30	830.70
5	L.T Stay set (Complete)	Set	4	738.40	2953.60
6	L.T Stay Insulator	No.	4	42.60	170.40
7	L.T Stay clamp (1.40 K.g/Pair)	Pair	4	156.20	624.80
8	7/12 SWG Stay Wire ,Grade-2	Kg	32	106.50	3408.00
9	Piercing connector	No.	15	113.60	1704.03
10	Neutral connector	No.	5	46.86	234.28
11	GI Nut, Bolt & washer	Kg	10	110.76	1107.60
12	Earthing of support coil type	No.	5	235.72	1178.60
13	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	15	113.60	1704.00
14	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	3.01	106.50	320.57
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	3.01	106.50	320.57
17	Saundries(Clamp, connectors, Binding Tape etc.)	No.	1	423.73	423.73
	A.Sub Total Rs.				83282.87
B	Stock,storage and insurance (@3% on A)				2498.49
C	TOTAL RS.				85781.35
D	T&P @ 2% of C				1715.63
E	Contigency @ 3% of C				2573.44
F	Transportation @ 7.5% of C				6433.60
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				10772.04
H	TOTAL RS.				107276.06
18	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum	Nos.	4	1235.58	4942.32
19	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3=0.45 cum	Nos.	5	2400.00	12000.00
20	Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	5	720.00	3600.00

	Total Rs.				127818.38
1	Dismantling charges for 25 KVA DTR	No.	1	1534.35	1,534.35
2	Dismantling of LT AB Cable	Mtr.	50	23.02	1,150.85
	Total (Dismantling charges)				2,685.19
	Total Rs.				693,561.51
	Cess @ 1%				6,935.62
	Total Estimated Cost				700,497.13
	Total Estimated Cost in Figures				700,497.00
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)