

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 :- 01 AS PER IFB****NAME OF THE WORK :- SHIFTING AND RECONSTRUCTION OF 11 K.V & L.T LINE AND M.U D.P FROM THE SITE OF CONSTRUCTION OF AMA BUS STAND AT JHARIGAON IN THE DISTRICT OF NABARANGPUR.****BID REF NO.-54/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.
A	Shifting and Erection of 11 KV Line				
1	11 Mtr Long (160x152)mm WPB Pole(30.44 Kg/mtr)welded base plate	No	6	34,321.52	205,929.10
2	13 Mtr Long (160x152)mm WPB Pole(30.44 Kg/mtr)welded base plate	No	8	40,427.20	323,417.63
3	9 Mtr. Long 300 KG PSC Pole	No	5	4,260.00	21,300.00
4	RCC Base Plate	No	5	361.34	1,806.69
5	11 KV 'V' cross arm(10.2 Kg each)	No.	7	1,150.20	8,051.42
6	GI Back clamp for 11 KV V Cross Arm	No.	7	113.60	795.21
7	11 KV F clamp 2.9 Kg each	No.	7	340.80	2,385.58
8	11KV Pin Insulator polymer	No.	66	284.00	18,744.00
9	Disc Insulator (B&S) 70 KN Polymer	Nos.	93	1,633.00	151,869.00
10	HW fitting (B&S) 70 KN 3 bolted	Nos.	93	497.00	46,221.00
11	Earthing Device coil type GI	No	19	235.72	4,478.68
12	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	4.980	106.50	530.37
13	GI Nuts & Bolts	Kg	30	110.76	3,322.88
14	11 KV 1 Core 100 sq. mm XLPE insulated AAA conductor(Un-Armoured)	Km	2.72	127,800.00	347,513.76
15	IPC for covered conductor	Nos.	93	649.00	60,357.00
16	Non-Metalic ties for 11 KV covered conductor	Nos.	66	286.00	18,876.00
17	Jointing kit end term for 11 KV covered conductor	Nos.	93	970.00	90,210.00
18	100x50x6 mm channel for straight cross arm 1.2 Mtr. Long for Bottom Channel & 0.206 Mtr. Long for Top Channel	Kg	569.15	106.50	60,614.48

19	75x40x6 mm GI channel each 2.8mtr long 4 No(6.8Kg/mtr)for providing support at Road crossing	K.g	204	106.50	21,726.00
20	No.6 GI wire (Dia 4.8 mm),40 Kg for 1 No. Guarding	Kg	200	106.50	21,300.00
21	Eye hook	Nos.	20	85.20	1,704.07
22	8 SWG GI wire for cross lacing & earthing for Guarding Channel	Kg	60	106.50	6,390.00
23	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	10	1,491.00	14,910.00
24	25x6 mm GI flat for earthing	Kg	100	106.50	10,650.00
25	HT stay set (Complete)REC Construction standard	No.	12	1,491.00	17,892.00
26	HT stay Insulator, Type-C	No.	12	71.00	852.00
27	Stay clamp(1.9 Kg/Pair)	pair	12	177.50	2,130.00
28	7/8 SWG GI Saty wire	Kg	120	106.50	12,780.00
29	Danger Board	No	19	113.60	2,158.43
30	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	5.72	106.50	609.18
31	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	57	113.60	6475.20
32	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	22.87	106.50	2435.66
33	Fish Plate for DP(50X8 mm of flat 0.97 Kg/Mtr. & 0.28 Mtr. Long for each)	Kg	13.04	106.50	1388.76
34	Black Paint	Ltr.	9.5	312.40	2967.78
35	Yellow paint	Ltr.	19	212.77	4042.65
36	Sundries	LS	1	1694.92	1694.92
					1,498,529.45
A.Sub Total Rs.					1,498,529.45
B.Deduction of Salvage Value @8 %					119,882.36
C. Total Material cost after deducting Salvage Value @8%					1,378,647.09
D. Stock, Storage & Insurance @ 3% of C					41,359.41
E. Sub Total (E=C+D)					1,420,006.51
T&P @ 2% of E					28,400.13
Contingency @ 3% of E					42,600.20
Transportation @ 7.5% of E					106,500.49
Erection Charges @ 5% for Joist /WPB Pole cost including stock, storage & insurance @3%					25,080.45
Erection Charges @ 20% for PSC Pole cost including stock, storage & insurance @3%					4,036.78
Erection Charges @ 10% for Other materials cost including stock, storage & insurance @3%					89,821.32
					1,716,445.87
37	Concreting of Poles in ratio C.C.1:1:5:3 for 11 Mtr. WPB Pole(500x500x1500)mm=0.45 Cum	No	6	2,991.98	17,951.88
38	Concreting of Poles in ratio C.C.1:1:5:3 for 13 Mtr. WPB Pole(500x500x1500)mm=0.55 Cum	No	8	3,656.87	29,254.96
39	Concreting of PSC Poles in ratio C.C.1:1:5:3 for 9 Mtr. PSC Pole(500x500x1500)mm=0.375 Cum	No	5	2,493.32	12,466.60

40	Couping of poles in ratio 1:1:5:3 for pole 0.1125 Cum	No	19	748.00	14,212.00
41	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	10	1,600.00	16,000.00
42	Survey of incremental/delta Network and asset changes of 11 KV Network and updatation in GESW databases.	Km	0.88	9,633.00	8,477.04
43	Dismantling charges of HT Poles	No.	5	1,170.27	5,851.35
44	Dismantling charges of HT Poles	No.	6	780.18	4,681.08
45	Dismantling charges of HT Lines	Mtrs.	1500	5.46	8,190.00
46	Dismantling charges of steel structure	Kg	120	4.82	578.40
	Sub Total Rs.				1,834,109.18
B	Shifting and erection of 11 KV Line Construction of Metering unit DP using 9 Mtr. Long PSC Pole-2 nos. Dismantling of existing Metering Unit DP				
1	9 Mtr. Long 300 KG PSC Pole(Including Transportation cost)	No	4	4,260.00	17,040.00
2	RCC Base Plate	No	4	361.34	1,445.36
3	Disc Insulator (B&S) 70 KN Polymer	Nos.	6	1,633.00	9,798.00
4	HW fitting (B&S) 70 KN 3 bolted	Nos.	6	497.00	2,982.00
5	Earthing Device coil type GI	No	4	235.72	942.88
6	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	1.050	106.50	111.83
7	GI Nuts & Bolts	Kg	20	110.76	2,215.25
8	IPC for covered conductor 11 KV 100 sq. mm	No	6	649.00	3,894.00
9	Jointing kit end term for 11 KV covered conductor	No	6	970.00	5,820.00
10	Pressure Channel 100x50x6 mm ,2.8 Mtr. Long 2 Nos.	Kg	103.04	106.50	10,973.76
11	Metering unit mounting Channel 100x50x6 mm ,2.8 Mtr. Long 2 Nos.	Kg	103.04	106.50	10,973.76
12	Bracing Angle of 50x50x6 mm ,3.5 Mtr. Long 4 Nos., 4.5 Kg/Mtr.	Kg	63	106.50	6,709.50
13	Belting Channel of 75x40x6 mm ,2.8 mtr. Long each ,4 Nos.(6.8 Kg/Mtr.)	Kg	76.16	106.50	8,111.04
14	Lightning Arrester(12 KV,10 KA)	No.	6	5,041.00	30,246.00
15	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	10	1,491.00	14,910.00
16	25x6 mm GI flat for earthing	Kg	80	106.50	8,520.00
17	HT stay set (Complete)REC Construction standard	No.	8	1,491.00	11,928.00
18	HT stay Insulator, Type-C	No.	8	71.00	568.00
19	Stay clamp(1.9 Kg/Pair)	pair	8	177.50	1,420.00
20	7/8 SWG GI Saty wire	Kg	80	106.50	8,520.00

21	Danger Board	No	4	113.60	454.41
22	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
23	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	12	113.60	1,363.20
24	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	4.81	106.50	512.27
25	Fish Plate for DP(50X8 mm of flat 0.97 Kg/Mtr. & 0.28 Mtr. Long for each)	Kg	3.26	106.50	347.19
26	Black Paint	Ltr.	2	312.40	624.80
27	Yellow paint	Ltr.	4	212.77	851.08
28	Sundries	LS	1	2,542.38	2,542.38
A.Sub Total Rs.					163,952.50
B.Deduction of Salvage Value @8 %					13,116.20
C. Total Material cost after deducting Salvage Value @8%					150,836.30
D. Stock, Storage & Insurance @ 3% of C					4,525.09
E. Sub Total (E=C+D)					155,361.39
T&P @ 2% of E					3,107.23
Contingency @ 3% of E					4,660.84
Transportation @ 7.5% of E					11,652.10
Erection Charges @ 5% for Joist /WPB Pole cost including stock, storage & insurance @3%					
Erection Charges @ 20% for PSC Pole cost including stock, storage & insurance @3%					3,229.42
Erection Charges @ 10% for Other materials cost including stock, storage & insurance @3%					13,921.43
					191,932.41
29	Concreting of Poles in ratio 1:1:5:3 for 9M/8M PSC Pole,0.375 Cum	No	4	2,493.32	9,973.28
30	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	10	1,600.00	16,000.00
31	Dismantling charges of HT Poles	No.	4	780.18	3,120.72
32	Dismantling & Shifting of metering unit	Ls	2	5,175.69	10,351.39
33	Dismantling charges of steel structure	Kg	400	4.82	1,928.00
Sub Total Rs.					233,305.80
PART-III	Shifting and ReConstruction of LT 3ph 5 W line using 3x95+1x70+1x16 sqmm XLPE AB Cable=0.14 Km				
1	13 Mtr Long (160x152)mm WPB Pole(30.44 Kg/mtr)welded base plate	No	3	40,427.20	121,281.61
2	Earthing Device coil type GI	No	3	235.72	707.16
3	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.786	106.50	83.71
4	Pole clamp for eye Hook for XLPE cable	No	5	284.00	1,420.00
5	Dead end clamp suitable for XLPE cable	No	2	177.50	355.00

6	Eye hook	No	2	85.20	170.41
7	Suspension clamp	No	3	482.80	1,448.39
8	L.T Stay set (Complete)	Set	2	738.40	1,476.80
9	L.T Stay Insulator	No.	2	42.60	85.20
10	L.T Stay Clamp(1.4 K.g/Pair)	Pair	2	156.20	312.40
11	7/12 SWG Stay Wire	Kg	16	106.50	1,704.00
12	GI Nuts, Bolt and washer	Kg	3	113.60	340.81
13	3x95+1x70+1x16 sqmm XLPE AB Cable	Km	0.14	345,060.00	48,308.40
14	Danger Board	No.	3	113.60	340.80
15	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	0.9	106.50	95.85
16	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	9	113.60	1,022.40
17	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	3.61	106.50	384.47
18	Black Paint	Ltr.	1.5	312.40	468.60
19	Yellow paint	Ltr.	3	212.77	638.31
20	Sundries and minor materials	LS	1	1,500.00	1,500.00
A.Sub Total Rs.					182,144.31
B.Deduction of Salvage Value @8 %					14,571.54
C. Total Material cost after deducting Salvage Value @8%					167,572.76
D. Stock, Storage & Insurance @ 3% of C					5,027.18
E. Sub Total (E=C+D)					172,599.95
T&P @ 2% of E					3,452.00
Contigency @ 3% of E					5,178.00
Transportation @ 7.5% of E					12,945.00
Erection Charges @ 5% for Joist /WPB Pole cost including stock, storage & insurance @3%					5,746.32
Erection Charges @ 20% for PSC Pole cost including stock, storage & insurance @3%					
Erection Charges @ 10% for Other materials cost including stock, storage & insurance @3%					5,767.35
					205,688.61

21	Concreting of Poles in ratio C.C.1:1:5:3 for 13 Mtr. WPB Pole(500x500x1500)mm=0.55 Cum	No	3	3,656.87	10,970.61
22	Stay concreting in ratio(1:2:4)as per TPSODL specification and drawing =0.2 cum	Nos.	2	1,329.77	2,659.54
23	Couping of poles in ratio 1:1:5:3 for PSC pole 0.1125 Cum	No	3	748.00	2,244.00
24	Survey of incremental/delta Network and asset changes of LT Network and upation in GESW databases.	Km	0.14	9,633.00	1,348.62
25	Dismantling charges of LT Poles	No.	1	780.18	780.18
26	Dismantling of LT Line Poles	No.	3	1,170.27	3,510.81
27	Dismantling of LT Line	Span	5	338.98	1,694.92
Sub Total Rs.					228,897.29
Sub total Rs.(PART-I+PART-II+PART-III)					2,296,312.26
Cess @ 1%					22,963.12
Total Estimated Cost					2,319,275.39
Total Estimated Cost in Figures					2,319,275.00
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)