

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 :- 04 AS PER IFB

NAME OF THE WORK :- SHIFTING AND RECONSTRUCTION OF 11 KV AND LT LINE FOR CONSTRUCTION OF AMA BUS STAND AT G.UDAYGIRI IN THE DISTRICT OF KANDHAMAL.

BID REF NO.- 26/PM/ELECT/OPHWC/2024-25

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	3 phase 3W 11 KV line with 55 sq. mm AAA conductor-0.390 Km				
1	11 Mtr Long (160x160)mm WPB Pole(30.44 Kg/mtr)	No	8	34321.52	274572.16
2	Earthing support coil type	No	8	225.76	1806.08
3	No.8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.,2 Mtr. For connecting pole with coil earthing	Kg	2	102.00	213.79
4	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 16 Nos,0.3 Mtr. Long 16 Nos. including tapping point.	Kg	220.8	102.00	22521.60
5	11 KV 'V' cross arm(10.2 Kg each)	No.	4	1101.60	4406.40
6	11 KV F clamp 2.9 Kg each	No	4	326.40	1305.60
7	GI Back clamp for 11 KV V Cross Arm	No.	4	108.80	435.20
8	11 Kv pin insulator Polymer	No	24	272.00	6528.00
9	55 sq. mm AAAC	Km	1.2051	40800.00	49168.08
10	Disc insulator 45 KN (B&S) Polymer	No.	24	1169.60	28070.40
11	11 KV HW fitting B&S)2 Bolted	No	24	353.60	8486.40
12	PG clamp for 55 sq. mm AAAC	No	24	652.80	15667.20
13	HT stay set complete	No.	8	1428.00	11424.00
14	11KV stay insulator Polymer	No.	8	68.00	544.00
15	7/10 SWG stay wire	Kg	80	102.00	8160.00
16	HT stay clamp (1.9 Kg/Pair)	pair	8	170.00	1360.00
17	Danger Board	No	8	108.80	870.40
18	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.4072	102.00	245.53
19	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	24	108.80	2611.20
20	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	9.629	102.00	982.16

21	GI Nuts and Bolts of assorted size	Kg	12	106.08	1272.96
22	Sundries	LS	1	1000.00	1000.00
					441651.16
PART-II	11 KV LINE AB SWITCH(3 POLE 400A) WITH DP STRUCTURE-1 NO.				
1	11 Mtr Long (160x160)mm WPB Pole(30.44 Kg/mtr)	No	2	34321.52	68643.04
2	Top Pressure Channel 100X50X6mm. GI 2.8mtr. Long 2Nos.(9.2kg/mtr.)	Kg.	51.52	102.00	5255.04
3	GI Bracing Channel DP Belting 75x40x6mm., 2.8 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	38.08	102.00	3884.16
4	50x50x6mm Cross Bracing angle,GI 4.0 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	36	102.00	3672.00
5	A/B switch Mounting Channel 75x40x6mm. GI 2.8 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	38.08	102.00	3884.16
6	AB Switch side support Channel (100x50x6 mm) , 0.35 Mtr. Length,9.2 Kg/Mtr.	Kg.	6.44	102.00	656.88
7	Channel support for down pipe 75x40x6 mm GI channel(6.8kg/mtr,1 Nos.)each channel length 0.8 Mtr.	Kg.	5.44	102.00	554.88
8	Disc insulator 45 KN (B&S) Polymer	No.	6	1169.60	7017.60
9	11 KV HW fitting B&S)2 Bolted	No	6	353.60	2121.60
10	PG clamp for 55 sq. mm AAAC	No	6	652.80	3916.80
11	Fish plate 50x8 mm, 3.14 Kg/Mtr.,each 0.280 Mtr. Length	Kg	5.275	102.00	538.05
12	11KV AB switch(3 pole,400 Amp,50Hz)	Set	1	16116.00	16116.00
13	9KV 10KA LA, Station class	No.	3	1360.00	4080.00
14	HT stay set complete	No.	4	1428.00	5712.00
15	11KV stay insulator Polymer	No.	4	68.00	272.00
16	7/10 SWG stay wire	Kg	40	102.00	4080.00
17	HT stay clamp (1.9 Kg/Pair)	pair	4	170.00	680.00
18	Earthing support coil type GI	No	2	225.76	451.52
19	No.8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.,2 Mtr. For connecting pole with coil earthing	Kg	0.52	102.00	53.45
20	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	3	1428.00	4284.00
21	50x6 mm GI flat for earthing ,2.36 Kg/Mtr.(2.5 Mtr. For mesh formation and 2.5 Mtr. For	Kg	35.4	102.00	3610.80
22	Danger Board	No	2	108.80	217.60
23	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	0.6018	102.00	61.38
24	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
25	Back clamp for barbed wire anticlimbing device 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	2.407	102.00	245.51
26	GI Nuts and Bolts of assorted size	Kg	10	106.08	1060.80
27	Sundries (Aluminium binding tape,insulating tape etc.)	LS	1	1000.00	1000.00
					142722.08

PART-III Construction of LT 3ph 5 W line using 3x95+1x70+1x16 sqmm XLPE AB Cable=0.160 Km Construction of LT 1 ph 2 W line using 1x35+1x25 sqmm XLPE AB Cable=0.120 Km					
1	9 Mtr Long 300 KG PSC Pole	No	10	4080.00	40800.00
2	RCC Base Plate	No	10	408.00	4080.00
3	3x95+1x70+1x16 sqmm XLPE AB Cable	Mtr.	168.00	330.48	55520.64
4	1x35+1x25 sqmm XLPE AB Cable	Mtr.	123.60	57.12	7060.03
5	L.T Stay set (Complete)	Set	4	707.20	2828.80
6	L.T Stay Insulator	No.	4	40.80	163.20
7	L.T Stay Clamp(1.4 K.g/Pair)	Pair	4	149.60	598.40
8	7/12 SWG Stay Wire	Kg	28	102.00	2856.00
9	Pole clamp for Eye Hook	No	11	272.00	2992.00
10	Dead end clamp with Eye Hook	No	6	170.00	1020.00
11	Suspension clamp with I Hook	No.	7	462.40	3236.80
12	Earthing support coil type GI	No	10	225.76	2257.60
13	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	2.62	102.00	267.24
14	GI Nuts, Bolt and washer	Kg	5	106.08	530.40
15	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	30	108.80	3264.00
16	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	12.036	102.00	1227.67
17	Danger Board	No.	10	108.80	1088.00
18	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	3.009	102.00	306.92
19	Sundries	LS	1	1000.00	1000.00
					131097.70
A.Sub Total Rs.					7,15,470.94
B.Deduction of Salvage Value @8 %					57,237.68
C. Total Material cost after deducting Salvage Value @8%					6,58,233.27
D. Stock, Storage & Insurance @ 3% of C					19,747.00
E. Sub Total (E=C+D)					6,77,980.26
T&P @ 2% of E					13,559.61
Contingency @ 3% of E					20,339.41
Transportation @ 7.5% of E					50,848.52
Erection Charges @ 5% for Joist /WPB Pole cost including stock, storage & insurance @3%					16,261.53
Erection Charges @ 20% for PSC Pole cost including stock, storage & insurance @3%					7,732.42
Erection Charges @ 10% for Other materials cost including stock, storage & insurance @3%					31,408.75
					818130.50
20	Stay concreting in ratio(1:2:4(0.5x0.5x0.8)Mtr.	Nos.	16	1235.58	19769.28
21	Concreting of WPB Pole in ratio 1:1:5:3(500x500x1800mm)=0.45 cum	Nos.	10	2880.00	28800.00
22	Concreting of Poles in ratio 1:1:5:3(500x500x1800)mm=0.45 cum	Nos.	10	2400.00	24000.00

23	Couping of Poles in ratio 1:1:5:3(500x500x475),0.11875 cum	Nos.	20	720.00	14400.00
24	Dismantle charges of existing pole 5 Nos.,6- Span	No	1	7860.00	7860.00
				Total Rs.	94,829.28
	Total Rs.				9,12,959.78
	Cess @ 1%				9,129.60
	Total Estimated Cost				9,22,089.38
	Total Estimated Cost in Figures				9,22,089.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)	_____ %			
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/-
DM I/C (Elect)

Sd/-
Project Manager(Elect.)