

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**

**JANAPATH, BHOINAGAR, BHUBANESWAR - 22**

[Electrical Division]

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**PRICE BID FOR THE WORK UNDER SL. NO :- 02 AS PER IFB**

**NAME OF THE WORK :-SHIFTING OF 11 KV AND LT LINE FOR CONSTRUCTION OF AMA BUS STAND AT KUNDRA IN THE DIST. OF KORAPUT.**

**BID REF NO.- 52/DGM/ELECT/OPHWC/2024-25**

<b>NAME &amp; ADDRESS OF THE FIRM</b>	
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**SCHEDULE OF WORKS**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
<b>PART-A</b>					
<b>I</b>	<b>11 KV LINE</b>				
1	11 Mtr Long 150X150 mm GI Joist Pole (30.6 Kg/Mtr.)	No	3	34333.20	1,02,999.60
2	13 Mtr Long 150X150 mm GI Joist Pole (34.6 Kg/Mtr.)	No	13	45879.60	5,96,434.80
3	Base plate (500x500x10)mm for Joist pole 20 KG	No.	16	2040.00	32,640.00
4	Earthing support coil type GI	No	16	225.76	3,612.16
5	8 SWG GI wire Dia 4.6 mm ,0.131 Kg/Mtr.-2 Mtr. Each pole connecting Pole with coil earthing	Kg	4.192	102.00	427.58
6	11 KV V cross Arm	No	1	1101.60	1,101.60
7	GI Back clamp for 11 KV V Cross Arm	No.	1	108.80	108.80
8	Top F clamp for PSC Pole ,2.9 Kg	No.	1	326.40	326.40
9	11KV Pin Insulator polymer	No.	3	272.00	816.00
10	Disc insulator 45 KN (T&C) Polymer	No.	18	1169.60	21,052.80
11	11 KV HW fitting (T&C)45 KN	No	18	353.60	6,364.80
12	Straight cross Arm 100x50x6 mm ,9.2 Kg/Mtr.GI Channel each channel length 1.2 Mtr.(12x9.2x1.2)	Kg	264.96	102.00	27,025.92
13	Top Channel 100x50x5mm,9.2 Kg/Mtr., each channel Length of 2.8 Mtr. Long,2 Nos. channel required.	Kg	103.04	102.00	10,510.08
14	Double pole Bracing channel 75x40x4.8 mm, 6.8 Kg/Mtr.,each channel Length of 2.8 Mtr. Long,4 Nos. channel required.	Kg	152.32	102.00	15,536.64
15	50x50x6 mm GI Bracing Angle 4.5 Kg/Mtr.,each channel Length of 3.5 Mtr. Long,4 Nos. channel required.	Kg	126	102.00	12,852.00
16	HT stay set complete	No.	12	1428.00	17,136.00
17	11KV stay insulator	No.	12	68.00	816.00
18	HT stay clamp (1.9 Kg/Pair)	pair	12	170.00	2,040.00
19	7/10 SWG stay wire, Grade-2 for stay, support of XLPE cable	Kg	120	102.00	12,240.00
20	GI Nuts and Bolts of assorted size	Kg	11.7	106.08	1,241.14
21	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	9	1428.00	12,852.00
22	GI flat 25x4 mm for Earthing	Kg	135	102.00	13,770.00
23	Danger Plate	No	14	108.80	1,523.20
24	GI Barbed wire for anticlimbing device 3 Kg per support	Kg	42	108.80	4,569.60

25	PG clamp 80 sq. mm AAA conductor	Nos.	12	720.80	8,649.60
26	3Cx120 sq. mm 11 KV XLPE Cable(Armoured)	Mtrs	798	896.24	7,15,199.52
27	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	4.284	102.00	436.97
28	Back clamp for anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length	Kg	17.08	102.00	1,742.16
29	Heat shrinkable jointing kit for 3Cx120 sq. mm 11 kv XLPE Cable(Out Door type)	Set	12	15988.16	1,91,857.92
30	J clamp for XLPE Cable 3cx120 sq. mm	No	15	163.04	2,445.55
31	Holding clamp for J clamp	Pair	15	170.00	2,550.00
32	7/12 swg GI wire for supporting of XLPE cable	Kg	250.61	102.00	25,562.22
33	XLPE cable clamp to hold support wire	No	819	23.12	18,935.28
34	Lightning Arrester(9 KV,10 KA)	No	18	1360.00	24,480.00
35	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	2000.00	2,000.00
	A.Sub Total Rs.				<b>18,91,856.34</b>
	B.Deduction of Salvage Value @8 %				<b>1,51,348.51</b>
	C. Total Material cost after deducting Salvage Value @8%				<b>17,40,507.83</b>
	D. Stock, Storage & Insurance @ 3% of C				52,215.23
	E. Sub Total (E=C+D)				<b>17,92,723.07</b>
	T&P @ 2% of E				35,854.46
	Contingency @ 3% of E				53,781.69
	Transportation @ 7.5% of E				1,34,454.23
	Erection Charges @ 5% for Joist /WPB Pole cost including stock, storage & insurance @3%				33,139.20
	Erection Charges @ 20% for PSC Pole cost including stock, storage & insurance @3%				
	Erection Charges @ 10% for Other materials cost including stock, storage & insurance @3%				1,12,993.90
					<b>21,62,946.55</b>
36	Stay concreting in ratio 1:2:4 as per TPSODL specification and drawing = 0.2 cum @6177.92 cum	Nos.	12	1235.58	14,826.96
37	Cement concreting & Couping of Poles in ratio 1:1:5:3,0.1125 cum for each pole@6400/per cum	No	13	4240.00	55,120.00
38	Cement Concreting and couping of Poles in ratio 1:1:5:3=0.375 cum for PSC Pole	Nos.	3	3600.00	10,800.00
39	Materials for Masonary work for earth pit, charcoal, salt etc. including construction of earthing chamber (size - 2"x2") and RCC slab cover.	Ls	6	1600.00	9,600.00
40	Dismantle of HT Pole	Nos.	8	972.00	7,776.00
41	Dismantle of 80 sq. mm conductor	Span	9	500.00	4,500.00
					<b>1,02,622.96</b>
					<b>22,65,569.51</b>
<b>II</b>	<b>LT LINE-0.08 KM</b>				
1	GI Nuts and Bolts of assorted size	Kg	1.08	106.08	114.57
2	3x50+1x35 sqmm LT AB Cable	Km	0.08	176800.00	14,851.20
3	Suspension clamp with I Hook	No.	2	462.40	924.80
4	Pole clamp for Eye Hook	No	6	272.00	1,632.00
5	Dead end clamp with Eye Hook	No	4	88.40	353.60
6	Sundries	LS	1	500.00	500.00
	A.Sub Total Rs.				<b>18,376.17</b>
	B.Deduction of Salvage Value @8 %				<b>1,470.09</b>
	C. Total Material cost after deducting Salvage Value @8%				<b>16,906.07</b>
	D. Stock, Storage & Insurance @ 3% of C				507.18
	E. Sub Total (E=C+D)				<b>17,413.26</b>
	T&P @ 2% of E				348.27

						522.40
						1,305.99
	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%					
	Erection Charges @ 10% for Other materials cost including stock, storage & insurance @3%					1,741.33
						<b>21,331.24</b>
7	Dismantle of LT Pole	Nos.	2	500.00		1,000.00
8	Dismantle of LT Line	Span	3	400.00		1,200.00
						<b>2,200.00</b>
	<b>Total Rs.</b>					<b>23,531.24</b>
	<b>Sub Total Rs.</b>					<b>22,89,100.75</b>
	Cess @ 1%					<b>22,891.01</b>
	Total Estimated Cost					<b>23,11,991.76</b>
	Total Estimated Cost in Figures					<b>23,11,992.00</b>
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/-  
D.M (Elect) I/C**

**Sd/-  
DGM Engg.(Elect.)**