

**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 :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO AMA BUS STAND AT LAXMIPUR IN THE DISTRICT OF KORAPUT.**

**BID REF NO.-77/PM/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 -0.12 KM</b>				
1	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1101.60	1101.60
2	GI Back clamp for 11 KV V Cross Arm	No.	1	108.80	108.80
3	11 KV F clamp ,2.9 Kg each	No.	1	326.40	326.40
4	Disc insulator 45 KN (B&S) Polymer	No.	15	1169.60	17544.00
5	11 KV HW fitting (B&S)45 KN	No	15	176.80	2652.00
6	11KV Pin Insulator polymer	No.	11	272.00	2992.00
7	HT stay set (Complete)	No.	4	1428.00	5712.00
8	HT stay Insulator, Type-C	No.	4	68.00	272.00
9	Stay clamp(1.9 Kg/Pair)	pair	4	170.00	680.00
10	7/10 SWG GI Saty wire, grade-2	Kg	40	102.00	4080.00
11	Earthing support coil type GI	No	3	225.76	677.28
12	8 SWG GI wire Dia 4.6 mm ,0.131 Kg/Mtr.-2 Mtr. Each pole connecting Pole with coil earthing	Kg	0.786	102.00	80.17
13	GI Nuts and Bolts of assorted size	Kg	10.25	106.08	1087.32
14	100x50x6 mm channel for Straight Cross Arm 1.2 Mtr. Each 2 Nos. & 0.3 Mtr. Long 2 nos. 9.2 Kg/Mtr. For 180 degree CP and tapping & 0.3 Mtr. Long 4 Nos. @ 9.2 Kg/Mtr. For 90 degree CP	Kg	110.4	102.00	11260.80
15	Fish plate 50x8 mm ,0.97 Kg/Mtr.,each 0.280 Mtr. Long Length	Kg	3.259	102.00	332.42
16	11 Mtr Long (160x152)mm WPB GI Pole	No	3	34321.52	102964.56
17	11 KV 1 core 100 sq. mm XLPE insulated AAAC (Un armoured)	Km	0.3708	122400.00	45385.92
18	GI Barbed wire for anticlimbing device 3 Kg per support	Kg	9	108.80	979.20
19	Back clamp for anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length	Kg	3.672	102.00	374.54
20	Danger Board	No	3	108.80	326.40

21	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.918	102.00	93.64
22	GI channel 75x40x6 mm ,1 Mtr. Long ,2 Nos. /each @ 6.8 Kg/Mtr.	Kg	35.36	102.00	3606.72
23	Sundries (Paint,Al. binding tape, insulation tape, paint etc.)	LS	1	300.00	300.00
					<b>202937.77</b>
<b>PART-II</b>	<b>Installation of 250 KVA 11/0.4KV sub station -1 No.</b>				
1	11 Mtr Long (160x152)mm WPB GI Pole With Base plate 300x300x12	No	2	34321.52	68643.04
2	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	102.00	5255.04
3	AB Switch & HG Fuse mounting channel (75x40x6)mm,2.8 Mtr. Long ,4 Nos(6.8 Kg/Mtr.)	K.g	76.16	102.00	7768.32
4	Angle for mounting LT Distribution Box (50x50x6)mm 1 Mtr. Long (4.5 Kg/Mtr.)2 Nos.	Kg	9	102.00	918.00
5	Disc insulator 45 KN (T&C) Polymer	No.	3	1169.60	3508.80
6	11 KV HW fitting (T&C)45 KN	No	3	176.80	530.40
7	11KV AB switch 3 pole(400 Amp, 50 Hz)	Set	1	16116.00	16116.00
8	11KV HG fuse 3 pole(400 Amp)with PI	Set	1	15680.80	15680.80
9	11 KV LA	No.	3	1360.00	4080.00
10	LT Distribution box with MCCB, Aluminium Bus bar for 3 bay with Kitkat Fuse for 250 KVA S/S	No	1	65280.00	65280.00
11	3.5 Core x300 sq. mm PVC Cable(Un-Armoured)	Mtr.	15	1351.84	20277.60
12	25x4 mm GI flat	Kg	53.6	102.00	5467.20
13	HT stay set (Complete)	No.	2	1428.00	2856.00
14	HT stay Insulator, Type-C	No.	2	68.00	136.00
15	Stay clamp(1.9 Kg/Pair)	pair	2	170.00	340.00
16	7/10 SWG GI Saty wire, grade-2	Kg	20	102.00	2040.00
17	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1428.00	9996.00
18	Earthing support coil type	No	2	225.76	451.52
19	GI Nuts, Bolts and washers of assorted size	Kg	30	106.08	3182.40
20	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
21	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.44	102.00	248.88
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 ech back clamp	Kg	0.612	102.00	62.42
24	250 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	365092.00	365092.00
25	Sundries (clamp connector, jumpering materials, paint etc.)	LS	1	1000.00	1000.00
					<b>599800.82</b>
	<b>A.Sub Total Rs.</b>				<b>802,738.59</b>
B	Stock,storage and insurance (@3% on A)				<b>24082.16</b>

C	TOTAL RS.				<b>826820.75</b>
D	T&P @ 2% of C				<b>16536.42</b>
E	Contingency @ 3% of C				<b>24804.62</b>
F	Transportation @ 7.5% of C				<b>62011.56</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>55042.05</b>
H	TOTAL RS.				<b>985,215.40</b>
26	Stay concreting in ratio 1:2:4 as per TPSODL specification and drawing = 0.2 cum @6177.92 cum	Nos.	6	1235.58	7413.48
27	Materials for Masonary work for earth pit, charcoal, salt etc. including construction of earthing chamber (size -2"x2") and RCC slab cover.	Ls	7	1600.00	11200.00
28	Concreting of WPB Pole in ratio 1:1:5:9=0.45 cum	Nos.	5	2880.00	14400.00
29	Couping of Poles in ratio 1:1:5:3,0.1125 cum for each pole@6400/per cum	No	5	720.00	3600.00
30	Transformer Plinth as per requirement and TPSODL Specification.	No	1	32181.60	32181.60
31	Construction of Brick wall Boundary for fencing of S/S in size of 5x4 Mtr. @7300.12/RM as per TPSODL specification.	RM	18	7300.12	131402.16
					<b>200197.24</b>
	<b>Sub Total Rs.</b>				<b>1,185,412.64</b>
	Cess @ 1%				<b>11,854.13</b>
	Total Estimated Cost				<b>1,197,266.76</b>
	Total Estimated Cost in Figures				<b>1,197,267.00</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)**

**Sd/-  
Project Manager (Elect)**