

**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 :- 03 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO KUNDRA BUS STAND UNDER KUNDRA BLOCK IN THE DISTRICT OF KORAPUT.**

**BID REF NO - 09/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-A				
I	11 KV LINE				
1	11 Mtr Long (160x160)mm WPB Pole	No	6	34321.52	205,929.12
2	Earthing support coil type GI	No	6	225.76	1,354.56
3	8 SWG GI wire Dia 4.6 mm ,0.131 Kg/Mtr.-2 Mtr. Each pole connecting Pole with coil earthing	Kg	1.572	102.00	160.34
4	Disc insulator 45 KN (B&S)Type Polymer	No.	9	1169.60	10,526.40
5	11 KV HW fitting (B&S)45 KN	No	9	353.60	3,182.40
6	100x50x6 mm GI Top Channel 9.2 Kg/Mtr.,each channel length of 2.8 Mtr. ,2 Nos. channel required	Kg	154.56	102.00	15,765.12
7	Double Pole GI Bracing channel 75x40x6 mm,6.8 Kg/Mtr., each channel Length of 2.8 Mtr. ,4 Nos. channel required	Kg	228.48	102.00	23,304.96
8	50x50x6 mm GI Bracing angle ,4.5 Kg/Mtr., each channel length of 3.5 Mtr. ,2 nos. angle required	Kg	94.5	102.00	9,639.00
9	HT stay set (Complete)REC Construction standard	No.	12	1428.00	17,136.00
10	HT stay Insulator, Type-C	No.	12	68.00	816.00
11	Stay clamp(1.9 Kg/Pair)	pair	12	170.00	2,040.00
12	7/10 SWG GI Saty wire, grade-2	Kg	120	102.00	12,240.00
13	GI Nuts and Bolts of assorted size	Kg	15	106.08	1,591.20
14	55 sq. mm AAA conductor	Km	0.015	40800.00	612.00
15	Danger Board	No	6	108.80	652.80
16	GI Barbed wire for anticlimbing device 3 Kg per support	Kg	18	108.80	1,958.40
17	PG clamp 55 sq. mm AAA conductor	No	9	652.80	5,875.20
18	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.836	102.00	187.27
19	Back clamp for anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length	Kg	7.32	102.00	746.64
20	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	2000.00	2,000.00
	A.Sub Total Rs.				315,717.42
B	Stock,storage and insurance (@3% on A)				9,471.52
C	TOTAL RS.				325,188.94
D	T&P @ 2% of C				6,503.78
E	Contigency @ 3% of C				9,755.67

F	Transportation @ 7.5% of C				<b>24,389.17</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>21,913.54</b>
H	TOTAL RS.				<b>387,751.10</b>
21	Cement Concreting for Stay anchor plate with 1:2:4	Nos.	12	1235.58	14,826.96
22	Cement Concreting and coupling of 11 Mtr. Long WPB Pole in ratio 1:1:5:3	Nos.	6	3600.00	21,600.00
23	Dismantle of HT Pole	No	1	972.00	972.00
24	Dismantle of 80 sq. mm Conductor	Mtr.	90	9.21	828.90
	Sub Total Rs.				<b>425,978.96</b>
<b>II</b>	<b>DISMANTLE OF LT POLE 1 NO. LT LINE 90 MTR.</b>				
1	Dead End clamp	No	2	88.40	176.80
2	Pole clamp for Eye Hook	pair	2	272.00	544.00
3	Sundries (paint, binding tape etc.)	LS	1	100.00	100.00
	A.Sub Total Rs.				<b>820.80</b>
B	Stock, storage and insurance (@3% on A)				<b>24.62</b>
C	TOTAL RS.				<b>845.42</b>
D	T&P @ 2% of C				<b>16.91</b>
E	Contingency @ 3% of C				<b>25.36</b>
F	Transportation @ 7.5% of C				<b>63.41</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>84.54</b>
H	TOTAL RS.				<b>1,035.64</b>
4	Dismantling of existing LT Line	Mtr.	90	6.44	579.60
5	Dismantling of existing LT Pole	Nos.	1	500.00	500.00
					<b>2,115.24</b>
<b>PART-III</b>	<b>3 phase 3W 11 KV line with 3 C 300 sq. mm XLPE Cable (Double ckt.)</b>				
1	3Cx300 sq. mm 11 KV XLPE cable(armoured)A2XFY including cable looping ,raising and spare	Mtr.	424	1625.20	689,084.80
2	Heat Shrinkable jointing kit for 3Cx300 sq. mm 11 KV XLPE cable(out door type)	No.	8	17979.20	143,833.60
3	clamp for pipe	No.	40	108.80	4,352.00
4	9 KV 10 KA 11 KV Lightning Arrester	No	9	1360.00	12,240.00
5	GI pipe earthing 40 mm dia medium gauge, 3 Mtr. Long	No	9	1428.00	12,852.00
6	25x6 mm GI Flat for earthing	Kg	90	102.00	9,180.00
7	GI Nut, Bolt & washer	Kg	15	106.08	1,591.20
8	Sundries (clamp, connectors, Binding tape etc.)	No.	1	5000.00	5,000.00
	A.Sub Total Rs.				<b>878,133.60</b>
B	Stock, storage and insurance (@3% on A)				<b>26,344.01</b>
C	TOTAL RS.				<b>904,477.61</b>
D	T&P @ 2% of C				<b>18,089.55</b>
E	Contingency @ 3% of C				<b>27,134.33</b>
F	Transportation @ 7.5% of C				<b>67,835.82</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>90,447.76</b>
H	TOTAL RS.				<b>1,107,985.07</b>

9	Supply and Laying of HDPE Pipe 160 mm DIA PN4, PE 80 through HDD method .Making of Trenchless ducts with 160 mm dia HDPE pipe casing using HDD machine including supply of HDPE pipe as per IS 4948.	Mtr.	320	2864.12	916,518.40
10	PVC pipe 150 mm Diameter of cable Rising	Mtr.	64	545.21	34,893.44
11	Supply & installation of cable rout marker including transportation from site/tent, excavation, refilling, disposing of malba, flooding with water ,remaining/compacting of foundation as per standar specifications and drawing.	Nos.	14	1035.17	14,492.45
12	Materials for Masonary work for earth pit, charcoal, salt etc. including construction of earthing chamber (size -2"x2") and RCC slab cover.	Ls	9	1600.00	14,400.00
13	Cable Looping chamber(Brick wall sand filling & RCC cover)	Ls	8	5348.22	42,785.76
					<b>2,131,075.12</b>
<b>PART-IV</b>	<b>LT UG XLPE CABLE 4CX300 SQ. MM WITH HDPE PIPE USING HDD METHOD -90 MTR.(Double Circuit)</b>				
1	1.1 KV 4Cx300 sq. mm XLPE cable(armoured)including cable looping ,raising and spare	Mtr.	232	1430.03	331,766.96
2	Jointing Kit Out Door for 1.1 KV XLPE 4cx300 sq. mm cable	No.	4	1173.00	4,692.00
3	clamp for holding pvc pipe with channel and Angle	No.	20	108.80	2,176.00
4	GI pipe earthing 40 mm dia medium gauge,3 Mtr. Long	No	2	1428.00	2,856.00
5	25x6 mm GI Flat for earthing	Kg	20	102.00	2,040.00
6	GI Nut, Bolt & washer of different sizes	Kg	5	106.08	530.40
7	Sundries (clamp, connectors,Binding tape etc.)	No.	1	5000.00	5,000.00
	A.Sub Total Rs.				<b>349,061.36</b>
B	Stock,storage and insurance (@3% on A)				<b>10,471.84</b>
C	TOTAL RS.				<b>359,533.20</b>
D	T&P @ 2% of C				<b>7,190.66</b>
E	Contingency @ 3% of C				<b>10,786.00</b>
F	Transportation @ 7.5% of C				<b>26,964.99</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>35,953.32</b>
H	TOTAL RS.				<b>440,428.17</b>
8	Supply and Laying of HDPE Pipe 160 mm DIA PN4, PE 80 through HDD method .Making of Trenchless ducts with 160 mm dia HDPE pipe casing using HDD machine including supply of HDPE pipe as per IS 4948.	Mtr.	180	2864.12	515,541.60
9	PVC pipe 150 mm Diameter of cable Rising	Mtr.	40	545.21	21,808.40
10	Supply & installation of cable rout marker including transportation from site/tent, excavation, refilling, disposing of malba, flooding with water ,remaining/compacting of foundation as per standar specifications and drawing.	Nos.	7	1035.17	7,246.22
11	Materials for Masonary work for earth pit, charcoal, salt etc. including construction of earthing chamber (size -2"x2") and RCC slab cover.	Ls	2	1600.00	3,200.00
12	Cable Looping chamber(Brick wall sand filling & RCC cover)	Ls	4	5348.22	21,392.88
					<b>1,009,617.27</b>
<b>PART-IV</b>	<b>Installation of 250 KVA 11/0.4KV sub station -1 No.</b>				
1	11 Mtr Long (160x160)mm WPB Pole(30.44 Kg/mtr)	No	2	34321.52	68,643.04

2	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	102.00	5,255.04
3	DP Belting GI channel(75x40x6)mm,each 2.8mtr long 2 No(6.8Kg/mtr)	K.g	76.16	102.00	7,768.32
4	AB switch & HG Fuse mounting GI channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	Kg.	76.16	102.00	7,768.32
5	50x50x6mm Cross Bracing angle,GI 4.5Kg/mtr. Long	Kg.	31.5	102.00	3,213.00
6	Cantilever GI Channel for supporting HG Fuse 75x40x6mm. 2.8 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	102.00	1,387.20
7	Angle for cantilever arraangement for AB switch and HG Fuse GI channel 50x50x6-2 Mtr., Long-2 Nos.(4.5 Kg/Mtr.)	Kg.	18	102.00	1,836.00
8	Angle for mounting LT Distribution Box (50x50x6)mm 1 Mtr. Long 2 Nos.(3.5 Kg/Mtr.)with Galvanisation	Kg	13.5	102.00	1,377.00
9	Disc insulator 45 KN (B&S) Polymer	No.	3	1169.60	3,508.80
10	11 KV HW fitting (B&S)45 KN	No	3	353.60	1,060.80
11	11KV AB switch 3 pole(400 Amp, 50 Hz)	Set	1	16116.00	16,116.00
12	11KV HG fuse 3 pole(400 Amp)with PI	Set	1	15680.80	15,680.80
13	11 KV LA(12 KV, 10 KA)	No.	3	4828.00	14,484.00
14	LT Distribution box with MCCB, Aluminium Bus bar for 3 bay with Kitkat Fuse for 250 KVA S/S	No	1	65280.00	65,280.00
15	HT stay set (Complete)REC Construction standard	No.	4	1428.00	5,712.00
16	HT stay Insulator, Type-C	No.	4	68.00	272.00
17	Stay clamp(1.9 Kg/Pair)	pair	4	170.00	680.00
18	7/10 SWG GI Saty wire, grade-2	Kg	40	102.00	4,080.00
19	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1428.00	9,996.00
20	Earthing support coil type	No	2	225.76	451.52
21	No.8 GI wire Dia 4.6 mm 0.131 Kg/Mtr.-2 Mtr. Each pole connecting pole with coil earthing	Kg	0.524	102.00	53.45
22	25x4 mm GI flat	Kg	105	102.00	10,710.00
23	GI Nuts, Bolts and washers of assorted size	Kg	25	106.08	2,652.00
24	250 KVA, 11/0.4 KV (CU) Transformer with Tap changer BIS Energy Level-II	No	1	601213.06	601,213.06
25	1 Core x300 sq. mm XLPE Cable(Armoured)	Mtr.	40	1351.84	54,073.60
26	55 sq. mm AAAC	Km	0.02	40800.00	816.00
27	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
28	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
29	Danger Board	No.	2	108.80	217.60
30	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
31	Sundries (clamp connector, jumpering materials, paint etc.)	LS	1	1000.00	1,000.00
					<b>906,269.65</b>
	A.Sub Total Rs.				<b>906,269.65</b>
B	Stock,storage and insurance (@3% on A)				<b>27,188.09</b>
C	TOTAL RS.				<b>933,457.74</b>
D	T&P @ 2% of C				<b>18,669.15</b>
E	Contingency @ 3% of C				<b>28,003.73</b>
F	Transportation @ 7.5% of C				<b>70,009.33</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>58,848.08</b>

H	TOTAL RS.				<b>1,108,988.04</b>
32	Stay concreting in ratio 1:2:4 as per TPSODL specification and drawing = 0.2 cum @6177.92 cum	Nos.	4	1235.58	4,942.32
33	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	11,200.00
34	Concreting of WPB Pole in ratio 1:1:5:9=0.45 cum	Nos.	2	2880.00	5,760.00
35	Couping of Poles in ratio 1:1:5:3,0.1125 cum for each pole@6400/per cum	No	2	720.00	1,440.00
36	Transformer Plinth as per requirement and TPSODL Specification.	No	1	32181.60	32,181.60
37	Construction of Boundary wth necessary Manpower ,civil material & MS Material for construction of Boundary wall fencing as perrequirement(5Mx4M)=18RM	RM	18	7300.12	131,402.16
					<b>186,926.08</b>
					<b>1,295,914.12</b>
	<b>Sub Total Rs.</b>				<b>4,864,700.71</b>
	Cess @ 1%				<b>48,647.01</b>
	Total Estimated Cost				<b>4,913,347.72</b>
	Total Estimated Cost in Figures				<b>4,913,348.00</b>
EXCESS	<input type="text"/> LESS <input type="text"/> (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)