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 :- 05 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO LAMTAPUT BUS STAND UNDER MACHKUND 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 -0.250 KM**				
1	13 Mtr Long (160x160)mm WPB GI Pole	No	8	40427.20	323,417.60
2	Base Plate (500x500x10)mm	No	8	2040.00	16,320.00
3	Earthing support coil type GI	No	8	225.76	1,806.08
4	8 SWG GI wire Dia 4.6 mm ,0.131 Kg/Mtr.-2 Mtr. Each pole connecting Pole with coil earthing	Kg	1.834	102.00	187.07
5	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1101.60	1,101.60
6	GI Back clamp for 11 KV V Cross Arm	No.	1	108.80	108.80
7	Top F clamp for PSC Pole ,2.9 Kg	No.	1	326.40	326.40
8	11KV Pin Insulator polymer	No.	3	272.00	816.00
9	Straight Cross Arm 100x50x6 mm ,9.2 Kg/Mtr.,each channel length of 1.2 Mtr.	Kg	22.08	102.00	2,252.16
10	M.S channel 75x40x6 mm ,1 Mtr. Long ,2 Nos. /each @ 6.8 Kg/Mtr.	Kg	217.6	102.00	22,195.20
11	HT stay set (Complete)	No.	1	1428.00	1,428.00
12	HT stay Insulator, Type-C	No.	1	68.00	68.00
13	Stay clamp(1.9 Kg/Pair)	pair	1	170.00	170.00
14	7/10 SWG GI Saty wire, grade-2	Kg	15	102.00	1,530.00
15	GI Nuts and Bolts of assorted size	Kg	7.5	106.08	795.60
16	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long	No	2	1428.00	2,856.00
17	25x4 mm GI flat for earthing	Kg	30	102.00	3,060.00
18	Danger Board	No	6	108.80	652.80
19	GI Barbed wire for anticlimbing device 3 Kg per support	Kg	18	108.80	1,958.40
20	3 core 50 sq. mm 11 KV XLPE cable(Armoured)	Mtr.	500	552.16	276,080.00
21	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
22	Back clamp for anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length	Kg	7.32	102.00	746.64
23	Heat Shrinkable jointing kit for 3Cx50 sq. mm 11 KV XLPE cable(out door type)	No.	4	14890.64	59,562.56
24	J clamp for XLPE Cable	No.	16	163.04	2,608.59
25	Holding clamp for J clamp	Pair	16	170.00	2,720.00
26	7/12 SWG GI wire for supporting of XLPE cable	Kg	153	102.00	15,606.00
27	XLPE cable clamp to hold support wire	No	500	23.15	11,575.00
28	9 KV 5 KA 11 KV Lightning Arrester	No	3	1360.00	4,080.00
29	Sundries (Paint,Al. binding tape, insulation tape, paint etc.)	LS	1	2000.00	2,000.00
	A.Sub Total Rs.				**756,215.77**
B	Stock,storage and insurance (@3% on A)				**22,686.47**
C	TOTAL RS.				**778,902.24**

D	T&P @ 2% of C				**15,578.04**
E	Contigency @ 3% of C				**23,367.07**
F	Transportation @ 7.5% of C				**58,417.67**
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				**61,234.21**
H	TOTAL RS.				**937,499.23**
30	Cement Concreting for Stay anchor plate with 1:2:4	Nos.	1	1235.58	1,235.58
31	Cement Concreting and couping of 13 Mtr. Long WPB Pole in ratio 1:1:5:3	Nos.	6	4240.00	25,440.00
32	Materials for Masonary work for earth pit, charcoal, salt etc. including construction of earthing chamber (size -2"x2") and RCC slab cover.	No	2	1600.00	3,200.00
	Total Rs. PART-I				**967,374.81**
PART-II	**Installation of 250 KVA 11/0.4KV sub station -1 No.**				
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	Double pole Belting GI channel 75x40x6 mm ,6.8 Kg/Mtr.,each GI channel Length-2.8 Mtr.	K.g	76.16	102.00	7,768.32
4	AB switch &HG fuse mounting channel(75x40x6)mm,each 2.8 mtr long 4 No(6.8Kg/mtr)	K.g	76.16	102.00	7,768.32
5	50x50x6mm Cross Bracing angle (4.5 kg./mtr.)	Kg.	31.5	102.00	3,213.00
6	Cantilever GI Channel for supporting HG Fuse 75x40x6mm.1 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 through kitkat (50x50x6)mm 3 Mtr. Long (4.5 Kg/Mtr.)Cantilever arrangement for AB switch and HG Fuse 50x50x6-2 Mtr.Long-4.5 Kg/Mtr.	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	GI Base Plate (500x500x100) mm	No.	2	2040.00	4,080.00
27	55 sq. mm AAAC	Km	0.05	40800.00	2,040.00
28	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
29	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
30	Danger Board	No.	2	108.80	217.60

31	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
32	Sundries (clamp connector, jumpering materials, paint etc.)	LS	1	1000.00	1,000.00
	A.Sub Total Rs.				**911,573.65**
B	Stock,storage and insurance (@3% on A)				**27,347.21**
C	TOTAL RS.				**938,920.86**
D	T&P @ 2% of C				**18,778.42**
E	Contigency @ 3% of C				**28,167.63**
F	Transportation @ 7.5% of C				**70,419.06**
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				**59,394.39**
H	TOTAL RS.				**1,115,680.36**
33	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
34	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
35	Concreting of WPB Pole in ratio 1:1:5:9=0.45 cum	Nos.	2	2880.00	5,760.00
36	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
37	Transformer Plinth as per requirement and TPSODL Specification.	No	1	32181.60	32,181.60
38	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
	Total Rs.				**186,926.08**
	Total Rs. PART-II				**1,302,606.44**
	Sub Total Rs.				**2,269,981.25**
	Cess @ 1%				**22,699.81**
	Total Estimated Cost				**2,292,681.06**
	Total Estimated Cost in Figures				**2,292,681.00**
EXCESS	☐ LESS ☐ (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)