

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**JANAPATH, BHOINAGAR, BHUBANESWAR - 22****[Electrical Division]****Ph: 0674-2541545, 2542921, Fax: 0674-2541543****E-mail :- pmelectricalophwc2025@gmail.com, Website: www.ophwc.com/www.ophwc.nic.in****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 SUB-JAIL, RAIRAKHOL IN THE DISTRICT OF SAMBALPUR.****BID REF NO :- 38/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.
I	CONSTRUCTION OF 11 KV LINE				
A	11 KV LINE USING 100 SQ. MM INSULATED COVERED CONDUCTOR				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	1	35,129.38	35,129.38
2	100 sq. mm insulated covered Un-armoured AAAC	Mtr.	92.7	234.84	21,769.67
3	MS Channel 100x50x6 mm	Kg	2.76	92.30	254.75
4	MS channel 75x40x6 mm	Kg	2.04	92.30	188.29
6	GI Flat 50x6 mm	Kg	0.72	106.50	76.68
7	GI Flat 25x6 mm	Kg	0.54	106.50	57.51
8	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1,150.20	1,150.20
9	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.60
10	Top F clamp for PSC Pole ,2.9 Kg	No.	1	340.80	340.80
14	11 KV Pin Insulator Polymer	No	2	284.00	568.00
18	7/10 SWG Stay Wire ,7/3.25 mm	KG	2.52	106.50	268.38
19	7/8 SWG GIWire for earthing	KG	1.29	106.50	137.39
20	Earthing support coil type	No	1	235.72	235.72
22	Pipe HDPE	Mtr.	0.36	56.80	20.45
25	Charcoal, salt etc for earthing	Kg	0.24	639.00	153.36
26	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	1.29	110.76	142.88

27	GI barbed wire/Anticlimbing device	No	1.32	113.60	149.95
28	Danger plate	No	1	113.60	113.60
A	A. Sub total				60,870.60
B	B. Stock, Storage & Insurance @ 3% of A				1,826.12
C	Sub Total (C=A+B)				62,696.72
D	T&P @ 2% of C				1,253.93
E	Contingency @ 3% of C				1,880.90
F	Transportation @ 7.5% of C				4,702.25
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				1,809.16
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				2,651.35
J	Total				74,994.32
29	Fabrication and Galvanisation	Kg	1.958	13.00	25.45
30	Concrete material for stay anchor plate	Nos.	0.36	1,653.00	595.08
31	Padding and Concreting materials for support	Nos.	0.6	2,837.90	1,702.74
	Total Rs.				77,317.60
B	11 KV LINE AAAC TAPPING ON RSJ POLE				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	1	35,129.38	35,129.38
2	75x40x6 mm Channel for Straight cross arm	Kg	32.64	92.30	3,012.67
3	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1,150.20	1,150.20
4	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.60
5	11 KV F Clamp,2.9 Kg each	No.	1	340.80	340.80
6	11 KV Disc insulator B&S polymer type 70 KN	No	3	1,633.00	4,899.00
7	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
8	PG clamp for 100 sq. mm AAAC	No	3	681.60	2,044.80
9	11 KV Pin Insulator Polymer	No	5	284.00	1,420.00
10	HT Stay Set (Complete)	Set	2	1,491.00	2,982.00
11	HT Stay Insulator	No.	2	71.00	142.00
12	HT Stay Clamp	Pair	2	177.50	355.00
13	7/10 SWG Stay Wire ,7/3.25 mm	KG	20	106.50	2,130.00
14	Nut , Bolt & Washer of different sizes	Kg	5	106.50	532.50
15	Earthing support coil type	No	1	235.72	235.72

A	A. Sub total				55,978.67
B	B. Stock, Storage & Insurance @ 3% of A				1,679.36
C	Sub Total (C=A+B)				57,658.03
D	T&P @ 2% of C				1,153.16
E	Contingency @ 3% of C				1,729.74
F	Transportation @ 7.5% of C				4,324.35
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				1,809.16
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				2,147.48
J	Total				68,821.93
16	Concrete material for stay anchor plate	Nos.	2	1,653.00	3,306.00
17	Padding and Concreting materials for support	Nos.	1	2,837.90	2,837.90
	Total Rs.				74,965.83
II	INSTALLATION OF 250 KVA S/S.				
1	9 Mtr. Long 300 KG PSC Pole	No	1	4,260.00	4,260.00
2	10 Mtr. Long 400 KG PSC Pole	No	2	9,940.00	19,880.00
3	250 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II	No	1	626,121.70	626,121.70
4	MS Channel 100x50x6 mm	Kg	103	92.30	9,506.90
5	MS channel 75x40x6 mm	Kg	184	92.30	16,983.20
6	MS angle 50x50x6 mm	Kg	57	92.30	5,261.10
7	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1,633.00	4,899.00
8	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
9	PG Clamp for 100 sq. mm AAAC	No.	3	823.60	2,470.80
10	GI Flat 50x6 mm	Kg	43	106.50	4,579.50
11	GI Flat 25x6 mm	Kg	11	106.50	1,171.50
12	11 KV AB Switch(400 Amp, 3 pole)	Set	1	16,827.00	16,827.00
13	11 KV DD Fuse 3 Pole	No	1	6,678.78	6,678.78
14	11 KV DD Fuse Link Unit(10 A)	No	3	157.62	472.86
15	11 KV Lightning Arrester(9 KV,5 KA)	EA	3	1,391.60	4,174.80
16	Conductor ACSR PVC(61.7 Sq. mm)	Mtr.	20	84.24	1,684.80

17	HT Stay set complete	Set	4	1,491.00	5,964.00
18	7/10 SWG Stay wire	Kg	50	106.50	5,325.00
19	HT Stay Insulator	No.	4	71.00	284.00
20	HT stay clamp	Pair	4	177.50	710.00
21	40 mm Nominal bore GI pipe(Medium Gauge)	No	5	1,491.00	7,455.00
22	Earthing support coil type	No	1	235.72	235.72
23	HDPE Pipe(25 mm)	Mtr.	15	56.80	852.00
24	GI Pipe (100 mm)	Mtr.	3	710.00	2,130.00
25	1.1 KV 4 core 95 sq. mm XLPE Cable	Mtr.	23	523.88	12,049.24
26	1 core 95 sq. mm XLPE Cable(Armoured)	Mtr.	32	208.74	6,679.68
27	LT Distribution Box with MCCB,Aluminium Bus bar.	No	2	68,160.00	136,320.00
28	Al. cable socket 70 sq. mm	No	80	21.30	1,704.00
29	Al. cable socket 95 sq. mm	No	16	28.40	454.40
30	GI Nuts, Bolts & washers	Kg	25	110.76	2,769.00
31	Material for Masonary work for earth pit	No	5	568.00	2,840.00
32	Charcoal, salt etc. for earthing	Kg	10	639.00	6,390.00
33	GI barbed wire for Anticlimbing	Kg	6	113.60	681.60
34	Danger Plate	No	3	113.60	340.80
A	A. Sub total				919,647.38
B	B. Stock, Storage & Insurance @ 3% of A				27,589.42
C	Sub Total (C=A+B)				947,236.80
D	T&P @ 2% of C				18,944.74
E	Contingency @ 3% of C				28,417.10
F	Transportation @ 7.5% of C				71,042.76
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				32,245.27
H	Erection Charges @ 20% on PSC Poles				4,972.84
I	Erection Charges @ 10% for other materials				27,746.73
J	Total				1,130,606.24
35	Fabrication & Galvanisation	Kg	344	13.00	4,472.00
36	Concrete material for stay anchor plate	No	4	1,653.00	6,612.00
37	Padding and Concreting materials for support	No	3	2,837.97	8,513.91
38	Plinth for 250 KVA transformer	No	1	22,034.00	22,034.00
39	Cost of Fencing ,metal spreading with MS grill gate.	No	1	104,661.02	104,661.02

	Total Rs.				1,276,899.17
D	LT Line				
1	4 core Al. pvc armoured cble 25 sq. mm	Mtr	9	177.50	1,597.50
2	Bolt & Nut GI 16x55 mm	Kg	4.5	110.76	498.42
3	9 Mtr. Long RS Joist Pole(30.6 Kg/Mtr.)	No	12	25,420.19	305,042.28
5	1.1 KV 3C×95 mm ² +1C×70 mm ² +1CX16 mm ² (LT AB Cable)	Km	0.318	345,060.00	109,729.08
6	Piercing Connector LT Type A	No	6	113.60	681.60
7	Pole Clamp	No	10	284.00	2,840.00
8	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	1	92.30	92.30
9	Suspension Clamp with EYE hook for ABC	No	10	482.80	4,828.00
10	Neutral Connector	No	6	46.86	281.16
11	7/12 SWG GI stay wire, Grade -2	Kg	14.4	106.50	1,533.60
12	LT stay Clamp (1.40Kg/pair)	Pair	2	156.20	312.40
13	LT Stay insulator	No	2	42.60	85.20
14	Coil Earthing	No	10	235.72	2,357.20
15	No-8 GI wire for earthing	Kg	5.1	113.60	579.36
16	LT Stay set Complete	Set	2	738.40	1,476.80
A	A. Sub total				431,934.90
B	B. Stock, Storage & Insurance @ 3% of A				12,958.05
C	Sub Total (C=A+B)				444,892.95
D	T&P @ 2% of C				8,897.86
E	Contingency @ 3% of C				13,346.79
F	Transportation @ 7.5% of C				33,366.97
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				15,709.68
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				13,069.94
J	Total				529,284.19
17	Concrete materials for stay anchor plate	M3	2	1,653.00	3,306.00

18	Padding and concreting material for Support	M3	12	2,837.90	34,054.80
	Total Rs.				566,644.99
	Sub Total Rs.				1,995,827.58
	Cess @1%				19,958.28
	Total Estimated Cost				2,015,785.85
	Total Estimated Cost in Figures				2,015,786.00
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/-
Dy. Manager (Elect)**

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