

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****PRICE BID FOR THE WORK UNDER SL. NO :- 04 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO TRUCK TERMINAL AT PATRAPALLI IN THE DIST. OF SAMBALPUR.****BID REF NO :-83/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	22	33,645.04	740,190.88
2	13 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	39,762.32	79,524.64
3	100 sq. mm insulated covered Unarmoured AAAC	Mtr.	4944	122.40	605,145.60
4	MS Channel 100x50x6 mm	Kg	147.2	88.40	13,012.48
5	MS channel 75x40x6 mm	Kg	108.8	88.40	9,617.92
6	Fish Plate 50x6 mm	Nos.	13	126.48	1,644.24
7	GI Flat 50x6 mm	Kg	38.4	102.00	3,916.80
8	GI Flat 25x6 mm	Kg	28.8	102.00	2,937.60
9	11 KV 'V' cross arm(10.2 Kg each)	No.	29	1,101.60	31,946.40
10	GI Back clamp for 11 KV V Cross Arm	No.	29	108.80	3,155.20
11	Top F clamp for PSC Pole ,2.9 Kg	No.	29	326.40	9,465.60
12	11 KV Disc insulator B&S polymer type 70 KN	No	19	1,564.00	29,716.00
13	11 KV H/W fitting polymer type	Pair	19	476.00	9,044.00
14	PG clamp for 100 sq. mm AAAC	No	19	788.80	14,987.20
15	11 KV Pin Insulator Polymer	No	96	272.00	26,112.00
16	HT Stay Set (Complete)	Set	19	1,428.00	27,132.00
17	HT Stay Insulator	No.	19	68.00	1,292.00
18	HT Stay Clamp	Pair	19	170.00	3,230.00

19	7/10 SWG Stay Wire ,7/3.25 mm	KG	134.4	102.00	13,708.80
20	7/8 SWG GIWire for earthing	KG	68.8	102.00	7,017.60
21	Earthing support coil type	No	29	225.76	6,547.04
22	GI Pipe for earthing 40mm dia 3mtr long	EA	6	1,428.00	8,568.00
23	Pipe HDPE	Mtr.	19.2	54.40	1,044.48
24	Al cable socket 70 sq. mm	Nos.	13	20.40	265.20
25	Materials for Masonary work for earth pit	No.	6	544.00	3,264.00
26	Charcoal, salt etc for earthing	Kg	12.8	612.00	7,833.60
27	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	68.8	106.08	7,298.30
28	GI barbed wire/Anticlimbing device	No	70.4	108.80	7,659.52
29	Danger plate	No	24	108.80	2,611.20
A	A. Sub total				1,677,888.30
B	B. Stock, Storage & Insurance @ 3% of A				50,336.65
C	Sub Total (C=A+B)				1,728,224.95
D	T&P @ 2% of C				34,564.50
E	Contingency @ 3% of C				51,846.75
F	Transportation @ 7.5% of C				129,616.87
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				42,215.35
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				88,391.80
J	Total				2,074,860.22
30	Fabrication and Galvanisation	Kg	104.448	13.00	1,357.82
31	Concrete material for stay anchor plate	Nos.	19	1,653.00	31,407.00
32	Padding and Concreting materials for support	Nos.	24	2,837.90	68,109.60
	Total Rs.				2,175,734.65
B	11 KV DP WITH RS JOIST POLE				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	33,645.04	67,290.08
2	Top Channel 100x50x6 mm	Kg	65	88.40	5,746.00
3	Belting channel 75x40x6 mm	Kg	99	88.40	8,751.60
4	Bracing Angle 50x50x6 mm	Kg	49.5	88.40	4,375.80
5	Fish Plate 50x6 mm	Nos.	4	126.48	505.92
6	11 KV Disc insulator B&S polymer type 70 KN	No	6	1,564.00	9,384.00
7	11 KV H/W fitting polymer type	Pair	6	476.00	2,856.00
8	PG clamp for 100 sq. mm AAAC	No	6	788.80	4,732.80

9	GI Flat 50x6 mm	Kg	19	102.00	1,938.00
10	GI Flat 25x3 mm	Kg	18	102.58	1,846.44
11	11 KV AB Switch(400 AMP , 3 Pole, 50 Hz type)	No.	1	16,116.00	16,116.00
12	11 KV Pin Insulator Polymer	No	3	272.00	816.00
13	HT Stay Set (Complete)	Set	4	1,428.00	5,712.00
14	HT Stay Insulator	No.	4	68.00	272.00
15	HT Stay Clamp	Pair	4	170.00	680.00
16	7/10 SWG Stay Wire ,7/3.25 mm	KG	23	102.00	2,346.00
17	7/8 SWG GIWire for earthing	KG	32	102.00	3,264.00
18	GI Pipe for earthing 40mm dia 3mtr long	EA	3	1,428.00	4,284.00
19	Pipe HDPE	Mtr.	9	54.40	489.60
20	Al cable socket 70 sq. mm	Nos.	6	40.80	244.80
21	Al cable socket 95 sq. mm	Nos.	6	40.80	244.80
22	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	28	106.08	2,970.24
23	Materials for Masonary work for earth pit	No.	3	544.00	1,632.00
24	Charcoal, salt etc for earthing	Kg	6	612.00	3,672.00
25	GI barbed wire/Anticlimbing device	No	4	108.80	435.20
26	Danger plate	No	2	108.80	217.60
A	A. Sub total				150,822.88
B	B. Stock, Storage & Insurance @ 3% of A				4,524.69
C	Sub Total (C=A+B)				155,347.57
D	T&P @ 2% of C				3,106.95
E	Contigency @ 3% of C				4,660.43
F	Transportation @ 7.5% of C				11,651.07
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				3,465.44
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				8,603.88
J	Total				186,835.33
27	Fabrication and Galvanisation	Kg	214.00	13.00	2,782.00
28	Concrete material for stay anchor plate	Nos.	4.00	1,653.00	6,612.00
29	Padding and Concreting materials for support	Nos.	2.00	2,837.90	5,675.80
	Total Rs.				201,905.13
C	11 KV SP CUT POINT				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	3.00	33,645.04	100,935.12

2	75x40x6 mm Channel for Straight cross arm	Kg	97.92	88.40	8,656.13
3	11 KV Disc insulator B&S polymer type 70 KN	No	18.00	1,564.00	28,152.00
4	11 KV H/W fitting polymer type	Pair	18.00	476.00	8,568.00
5	11 KV Pin Insulator Polymer	No	9.00	272.00	2,448.00
6	HT Stay Set (Complete)	Set	12.00	1,428.00	17,136.00
7	HT Stay Insulator	No.	12.00	68.00	816.00
8	HT Stay Clamp	Pair	12.00	170.00	2,040.00
9	7/10 SWG Stay Wire ,7/3.25 mm	Kg	120.00	102.00	12,240.00
10	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	15.00	106.08	1,591.20
11	Earthing support coil type	No	3.00	225.76	677.28
A	A. Sub total				183,259.73
B	B. Stock, Storage & Insurance @ 3% of A				5,497.79
C	Sub Total (C=A+B)				188,757.52
D	T&P @ 2% of C				3,775.15
E	Contigency @ 3% of C				5,662.73
F	Transportation @ 7.5% of C				14,156.81
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				5,198.16
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				8,479.43
J	Total				226,029.80
12	Concrete material for stay anchor plate	Nos.	12.00	1,653.00	19,836.00
13	Padding and Concreting materials for support	Nos.	3.00	2,837.90	8,513.70
	Total Rs.				254,379.50
D	11KV METERING UNIT				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2.00	33,645.04	67,290.08
2	MS Channel 100x50x6 mm	Kg	162.52	88.40	14,366.77
3	MS channel 75x40x6 mm	Kg	49.98	88.40	4,418.23
4	MS angle 50x50x6 mm	Kg	54.00	88.40	4,773.60
5	11 KV Disc insulator polymer type 70 KN(B&S)	No	6.00	1,564.00	9,384.00
6	11 KV H/W fitting polymer type	Pair	6.00	476.00	2,856.00
7	GI Flat 25x6 mm	Kg	50.00	102.58	5,129.00
8	HT Stay Set (Complete)	Set	4.00	1,428.00	5,712.00

9	HT Stay Insulator	No.	4.00	68.00	272.00
10	HT Stay Clamp(150x150 mm RS Joist)	Pair	4.00	170.00	680.00
11	7/10 SWG Stay Wire ,7/3.25 mm	KG	50.00	102.00	5,100.00
12	GI Pipe for earthing 40mm dia 3mtr long	EA	2.00	1,428.00	2,856.00
13	Earthing of support Coil Type	No	2.00	225.76	451.52
14	GI Nut, Bolt & washers of different sizes	Kg	10.00	106.08	1,060.80
15	Materials for Masonary work for earth pit	No.	2.00	544.00	1,088.00
16	Charcoal, salt etc for earthing	Kg	10.00	612.00	6,120.00
17	GI barbed wire/Anticlimbing device	No	6.00	108.80	652.80
18	Danger plate	No	2.00	108.80	217.60
19	10 core 2.5 sq. mm control cable for MU	Mtr.	20.00	350.88	7,017.60
A	A. Sub total				139,446.00
B	B. Stock, Storage & Insurance @ 3% of A				4,183.38
C	Sub Total (C=A+B)				143,629.38
D	T&P @ 2% of C				2,872.59
E	Contingency @ 3% of C				4,308.88
F	Transportation @ 7.5% of C				10,772.20
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				3,465.44
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				7,432.06
J	Total				172,480.55
20	Fabrication and galvanisation	Kg	266.50	13.00	3,464.50
21	Concrete materials for stay anchor plate	M3	4.00	1,653.00	6,612.00
22	Padding and concreting material for Support	M3	2.00	2,837.90	5,675.80
	Total Rs.				188,232.85
II	INSTALLATION OF 250 KVA S/S.				
1	9 Mtr. Long 300 KG PSC Pole	No.	1.00	4,080.00	4,080.00
2	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2.00	33,645.04	67,290.08
3	250 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II	No	1.00	599,665.85	599,665.85
4	MS Channel 100x50x6 mm	Kg	103.00	88.40	9,105.20
5	MS channel 75x40x6 mm	Kg	184.00	88.40	16,265.60
6	MS angle 50x50x6 mm	Kg	57.00	88.40	5,038.80
7	11 KV Disc insulator polymer type 70 KN(B&S)	No	3.00	1,564.00	4,692.00
8	11 KV H/W fitting polymer type	Pair	3.00	476.00	1,428.00
9	PG Clamp for 100 sq. mm AAAC	No.	3.00	788.80	2,366.40
10	GI Flat 50x6 mm	Kg	43.00	102.58	4,410.94
11	GI Flat 25x6 mm	Kg	11.00	102.58	1,128.38

12	11 KV AB Switch(400 Amp, 3 pole)	Set	1.00	16,116.00	16,116.00
13	11 KV DD Fuse 3 Pole	No	1.00	6,396.58	6,396.58
14	11 KV DD Fuse Link Unit(10 A)	No	3.00	150.96	452.88
15	11 KV Lightning Arrester(9 KV,5 KA)	EA	3.00	4,828.00	14,484.00
16	Conductor ACSR PVC(61.7 Sq. mm)	Mtr.	20.00	80.68	1,613.60
17	HT Stay set complete	Set	4.00	1,428.00	5,712.00
18	7/10 SWG Stay wire	Kg	50.00	102.00	5,100.00
19	HT Stay Insulator	No.	4.00	68.00	272.00
20	HT stay clamp	Pair	4.00	170.00	680.00
21	40 mm Nominal bore GI pipe(Medium Gauge)	No	5.00	1,428.00	7,140.00
22	Earthing support coil type	No	1.00	225.76	225.76
23	GI Pipe (100 mm)	Mtr.	3.00	680.00	2,040.00
24	HDPE Pipe	Mtr.	15.00	54.40	816.00
25	1.1 KV 4 core 95 sq. mm XLPE Cable	Mtr.	23.00	533.54	12,271.42
26	1 core 95 sq. mm XLPE Cable(Armoured)	Mtr.	32.00	199.92	6,397.44
27	LT Distribution Box with MCCB,Aluminium Bus bar.	No	1.00	65,280.00	65,280.00
28	Al. cable socket 70 sq. mm	No	80.00	20.40	1,632.00
29	Al. cable socket 95 sq. mm	No	16.00	27.20	435.20
30	GI Nuts, Bolts & washers	Kg	25.00	106.08	2,652.00
31	Material for Masonary work for earth pit	No	5.00	544.00	2,720.00
32	Charcoal, salt etc. for earthing	Kg	10.00	612.00	6,120.00
33	GI barbed wire for Anticlimbing	Kg	6.00	108.80	652.80
34	Danger Plate	No	3.00	108.80	326.40
A	A. Sub total				875,007.33
B	B. Stock, Storage & Insurance @ 3% of A				26,250.22
C	Sub Total (C=A+B)				901,257.55
D	T&P @ 2% of C				18,025.15
E	Contingency @ 3% of C				27,037.73
F	Transportation @ 7.5% of C				67,594.32
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				34,348.23
H	Erection Charges @ 20% on PSC Poles				840.48
I	Erection Charges @ 10% for other materials				21,009.05
J	Total				1,070,112.50

35	Fabrication & Galvanisation	Kg	344.00	13.00	4,472.00
36	Concrete material for stay anchor plate	No	4.00	1,653.00	6,612.00
37	Padding and Concreting materials for support	No	3.00	2,837.97	8,513.91
38	Plinth for 250 KVA transformer	No	1.00	22,034.00	22,034.00
39	Cost of Fencing ,metal spreading with MS grill gate.	No	1.00	104,661.02	104,661.02
	Total Rs.				1,216,405.43
	Sub Total Rs.				4,036,657.56
	Cess @1%				40,366.58
	Total Estimated Cost				4,077,024.14
	Total Estimated Cost in Figures				4,077,024.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> Please Tick)	In Figure _____ % In word _____ %			
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)**