

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 :- 07 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO TRUCK TERMINAL AT PANDRIPATHAR IN THE DISTRICT OF JHARSUGUDA.****BID REF NO :-88/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	12	35129.38	421552.56
2	100 sq. mm insulated covered Conductor	Mtr.	2317.5	234.84	544241.7
3	MS Channel 100x50x6 mm	Kg	69	92.30	6,368.70
4	MS channel 75x40x6 mm	Kg	51	92.30	4,707.30
5	Fish Plate 50x6 mm	Nos.	6	132.06	792.36
6	GI Flat 50x6 mm	Kg	18	106.50	1,917.00
7	GI Flat 25x6 mm	Kg	13.5	106.50	1,437.75
8	11 KV 'V' cross arm(10.2 Kg each)	No.	14	1150.20	16102.8
9	GI Back clamp for 11 KV V Cross Arm	No.	14	113.60	1590.4
10	Top F clamp for PSC Pole ,2.9 Kg	No.	14	340.80	4771.2
11	11 KV Disc insulator B&S polymer type 70 KN	No	9	1633.00	14,697.00
12	11 KV H/W fitting polymer type	Pair	9	497.00	4,473.00
13	PG clamp for 100 sq. mm AAAC	No	9	823.60	7,412.40
14	11 KV Pin Insulator Polymer	No	45	284.00	12,780.00
15	HT Stay Set (Complete)	Set	9	1491.00	13,419.00
16	HT Stay Insulator	No.	9	71.00	639.00
17	HT Stay Clamp	Pair	9	177.50	1,597.50
18	7/10 SWG Stay Wire ,7/3.25 mm	KG	63	106.50	6,709.50
19	7/8 SWG GIWire for earthing	KG	32.25	113.60	3,663.60
20	Earthing support coil type	No	14	235.72	3,300.08
21	GI Pipe for earthing 40mm dia 3mtr long	EA	3	1491.00	4,473.00
22	Pipe HDPE	Mtr.	9	56.80	511.20
23	Al cable socket 70 sq. mm	Nos.	6	21.30	127.80
24	Materials for Masonary work for earth pit	No.	3	568.00	1,704.00

25	Charcoal, salt etc for earthing	Kg	6	639.00	3,834.00
26	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	32.25	110.76	3572.01
27	GI barbed wire/Anticlimbing device	No	33	113.60	3,748.80
28	Danger plate	No	12	113.60	1,363.20
A	A. Sub total				1,091,506.86
B	B. Stock, Storage & Insurance @ 3% of A				32,745.21
C	Sub Total (C=A+B)				1,124,252.07
D	T&P @ 2% of C				22,485.04
E	Contingency @ 3% of C				33,727.56
F	Transportation @ 7.5% of C				84,318.90
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				21709.96
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				69005.29
J	Total				1,355,498.82
29	Fabrication and Galvanisation	Kg	48.96	13.00	636.48
30	Concrete material for stay anchor plate	Nos.	9	1,653.00	14,877.00
31	Padding and Concreting materials for support	Nos.	12	2,837.90	34,054.80
	Total Rs.				1,405,067.10
B	11 KV DP WITH RS JOIST POLE				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	35129.38	70258.76
2	Top Channel 100x50x6 mm	Kg	46	92.30	4,245.80
3	Belting channel 75x40x6 mm	Kg	34	92.30	3,138.20
4	Bracing Angle 50x50x6 mm	Kg	36	92.30	3,322.80
5	Fish Plate 50x6 mm	Nos.	6	132.06	792.36
6	GI Flat 50x6 mm	Kg	12	106.50	1,278.00
7	GI Flat 25x3 mm	Kg	9	106.50	958.50
8	11 KV Disc insulator B&S polymer type 70 KN	No	6	1633.00	9,798.00
9	11 KV H/W fitting polymer type	Pair	6	497.00	2,982.00
10	PG clamp for 100 sq. mm AAAC	No	6	823.60	4,941.60
11	11 KV Pin Insulator Polymer	No	3	284.00	852.00
12	HT Stay Set (Complete)	Set	4	1491.00	5,964.00
13	HT Stay Insulator	No.	4	71.00	284.00
14	HT Stay Clamp	Pair	4	177.50	710.00
15	7/10 SWG Stay Wire ,7/3.25 mm	KG	23	106.50	2,449.50
16	7/8 SWG GIWire for earthing	KG	22	113.60	2,499.20
17	GI Pipe for earthing 40mm dia 3mtr long	EA	2	1491.00	2,982.00
18	Pipe HDPE	Mtr.	6	56.80	340.80
19	Al cable socket 70 sq. mm	Nos.	4	21.30	85.20
20	Materials for Masonary work for earth pit	No.	2	568.00	1,136.00
21	Charcoal, salt etc for earthing	Kg	4	639.00	2,556.00
22	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	8	110.76	886.08
23	GI barbed wire/Anticlimbing device	No	4	113.60	454.40
24	Danger plate	No	2	113.60	227.20

A	A. Sub total				123,142.40
B	B. Stock, Storage & Insurance @ 3% of A				3,694.27
C	Sub Total (C=A+B)				126,836.67
D	T&P @ 2% of C				2,536.73
E	Contingency @ 3% of C				3,805.10
F	Transportation @ 7.5% of C				9,512.75
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				3618.33
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				5447.01
J	Total				151,756.60
25	Fabrication and Galvanisation	Kg	54	13.00	702.00
26	Concrete material for stay anchor plate	Nos.	4	1,653.00	6,612.00
27	Padding and Concreting materials for support	Nos.	2	2,837.90	5,675.80
	Total Rs.				164,746.40
C	11 KV SP CUT POINT				
1	75x40x6 mm Channel for Straight cross arm	Kg	97.92	92.30	9,038.02
2	11 KV Disc insulator B&S polymer type 70 KN	No	18	1633.00	29,394.00
3	11 KV H/W fitting polymer type	Pair	18	497.00	8,946.00
4	11 KV Pin Insulator Polymer	No	9	284.00	2,556.00
5	HT Stay Set (Complete)	Set	12	1491.00	17,892.00
6	HT Stay Insulator	No.	12	71.00	852.00
7	HT Stay Clamp	Pair	12	177.50	2,130.00
8	7/10 SWG Stay Wire ,7/3.25 mm	Kg	120	106.50	12,780.00
9	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	15	110.76	1661.4
10	Earthing support coil type	No	3	235.72	707.16
A	A. Sub total				85,956.58
B	B. Stock, Storage & Insurance @ 3% of A				2,578.70
C	Sub Total (C=A+B)				88,535.27
D	T&P @ 2% of C				1,770.71
E	Contingency @ 3% of C				2,656.06
F	Transportation @ 7.5% of C				6,640.15
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				8,853.53
J	Total				108,455.71
D	11KV METERING UNIT				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	35129.38	70258.76
2	MS Channel 100x50x6 mm	Kg	162.5	92.30	15,000.60
3	MS channel 75x40x6 mm	Kg	49.98	92.30	4,613.15

4	MS angle 50x50x6 mm	Kg	54	92.30	4,984.20
5	11 KV Disc insulator polymer type 70 KN(B&S)	No	6	1633.00	9,798.00
6	11 KV H/W fitting polymer type	Pair	6	497.00	2,982.00
7	GI Flat 25x6 mm	Kg	50	106.50	5,325.00
8	HT Stay Set (Complete)	Set	4	1491.00	5,964.00
9	HT Stay Insulator	No.	4	71.00	284.00
10	HT Stay Clamp(150x150 mm RS Joist)	Pair	4	177.50	710.00
11	7/10 SWG Stay Wire ,7/3.25 mm	KG	50	106.50	5,325.00
12	GI Pipe for earthing 40mm dia 3mtr long	EA	2	1491.00	2,982.00
13	Earthing of support Coil Type	No	2	235.72	471.44
14	GI Nut, Bolt & washers of different sizes	Kg	10	110.76	1,107.60
15	Materials for Masonary work for earth pit	No.	2	568.00	1,136.00
16	Charcoal, salt etc for earthing	Kg	10	639.00	6,390.00
17	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
18	Danger plate	No	2	113.60	227.20
19	10 core 2.5 sq. mm control cable for MU	Mtr.	20	350.88	7,017.60
A	A. Sub total				145,258.15
B	B. Stock, Storage & Insurance @ 3% of A				4,357.74
C	Sub Total (C=A+B)				149,615.89
D	T&P @ 2% of C				2,992.32
E	Contingency @ 3% of C				4,488.48
F	Transportation @ 7.5% of C				11,221.19
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				3618.33
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				7724.94
J	Total				179,661.15
20	Fabrication and galvanisation	Kg	266.5	13.00	3,464.50
21	Concrete materials for stay anchor plate	M3	4	1,653.00	6,612.00
22	Padding and concreting material for Support	M3	2	2,837.90	5,675.80
	Total Rs.				195,413.45
II	INSTALLATION OF 250 KVA S/S.				
1	10 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	31935.80	63871.6
2	250 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II	No	1	626121.70	626,121.70
3	MS Channel 100x50x6 mm	Kg	103	92.30	9,506.90
4	MS channel 75x40x6 mm	Kg	184	92.30	16,983.20
5	MS angle 50x50x6 mm	Kg	57	92.30	5,261.10
6	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1633.00	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	823.60	2,470.80
9	GI Flat 50x6 mm	Kg	43	106.50	4,579.50
10	GI Flat 25x6 mm	Kg	11	106.50	1,171.50
11	11 KV AB Switch(400 Amp, 3 pole)	Set	1	16827.00	16,827.00

12	11 KV DD Fuse 3 Pole	No	1	6678.78	6,678.78
13	11 KV DD Fuse Link Unit(10 A)	No	3	157.62	472.86
14	11 KV Lightning Arrester(9 KV,5 KA)	EA	3	1391.60	4,174.80
15	Conductor ACSR PVC(61.7 Sq. mm)	Mtr.	20	84.24	1684.80
16	HT Stay set complete	Set	4	1491.00	5964.00
17	7/10 SWG Stay wire	Kg	50	106.50	5325.00
18	HT Stay Insulator	No.	4	71.00	284.00
19	HT stay clamp	Pair	4	177.50	710.00
20	40 mm Nominal bore GI pipe(Medium Gauge)	No	5	1491.00	7455.00
21	Earthing support coil type	No	1	235.72	235.72
22	GI Pipe (100 mm)	Mtr.	3	710.00	2130.00
23	HDPE Pipe	Mtr.	15	56.80	852.00
24	1.1 KV 4 core 95 sq. mm XLPE Cable	Mtr.	23	523.88	12049.24
25	1 core 95 sq. mm XLPE Cable(Armoured)	Mtr.	32	208.74	6679.68
26	LT Distribution Box with MCCB,Aluminium Bus bar.	No	1	68160.00	68160.00
27	Al. cable socket 70 sq. mm	No	80	21.30	1704.00
28	Al. cable socket 95 sq. mm	No	16	28.40	454.40
29	GI Nuts, Bolts & washers	Kg	25	110.76	2769.00
30	Material for Masonary work for earth pit	No	5	568.00	2840.00
31	Charcoal, salt etc. for earthing	Kg	10	639.00	6390.00
32	GI barbed wire for Anticlimbing	Kg	6	113.60	681.60
33	Danger Plate	No	3	113.60	340.80
A	A. Sub total				891,218.98
B	B. Stock, Storage & Insurance @ 3% of A				26,736.57
C	Sub Total (C=A+B)				917,955.55
D	T&P @ 2% of C				18,359.11
E	Contingency @ 3% of C				27,538.67
F	Transportation @ 7.5% of C				68,846.67
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				35534.65
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				20726.25
J	Total				1,088,960.89
34	Fabrication & Galvanisation	Kg	344	13.00	4,472.00
35	Concrete material for stay anchor plate	No	2	1653.00	3306.00
36	Padding and Concreting materials for support	No	2	2837.97	5675.94
37	Plinth for 250 KVA transformer	No	1	22034.00	22034.00
38	Cost of Fencing ,metal spreading with MS grill gate.	No	1	92622.57	92622.57
	Total Rs.				1,217,071.40
					3,090,754.06
III	33 KV 4 pole Structure				
1	13 Mtr. Long 150x150 mm GI Joist Pole(34.6 Kg/Mtr.)for DP & 4 pole structure	No.	10	45879.60	458796.00
2	Accessories for 33 KV 4 Pole structure .	No.	1	357260.85	357260.85
3	Aceesories for 33 kv DP Structure.	No.	3	115284.28	345852.84

4	33 KV 800 Amp Double break(Polymer type) Insulator without earth switch	No.	3	114988.00	344964.00
5	Channel and accessories with earthing for installation of Isolators	No.	3	8032.50	24097.50
A	A. Sub total				1,530,971.19
B	B. Stock, Storage & Insurance @ 3% of A				45,929.14
C	Sub Total (C=A+B)				1,576,900.33
D	T&P @ 2% of C				31,538.01
E	Contingency @ 3% of C				47,307.01
F	Transportation @ 7.5% of C				118,267.52
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				23627.95
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				110434.04
J	Total				1,908,074.86
	Total Rs.				4,998,828.92
	Cess @1%				49,988.29
	Total Estimated Cost				5,048,817.21
	Total Estimated Cost in Figures				5,048,817.00
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)