

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 :- 06 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 4-E+4-F TYPE STAFF QUARTERS AT ORIENT POLICE STATION IN THE DISTRICT OF JHARSUGUDA.****BID REF NO :- 65/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 55 SQ. MM AAAC				
1	10 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	30,586.40	61,172.80
2	55 sq. mm AAAC	Mtr.	370.8	40.80	15,128.64
4	MS channel 75x40x6 mm	Kg	7.834	88.40	692.53
8	11 KV 'V' cross arm(10.2 Kg each)	No.	2	1,101.60	2,203.20
9	GI Back clamp for 11 KV V Cross Arm	No.	2	108.80	217.60
10	Top F clamp for PSC Pole ,2.9 Kg	No.	2	326.40	652.80
11	11 KV Disc insulator B&S polymer type 70 KN	No	2	1,564.00	3,128.00
12	11 KV H/W fitting polymer type	Pair	2	476.00	952.00
14	11 KV Pin Insulator Polymer	No	7	272.00	1,904.00
15	HT Stay Set (Complete)	Set	1	1,428.00	1,428.00
16	HT Stay Insulator	No.	1	68.00	68.00
17	HT Stay Clamp(150x150 mm RS Joist)	Pair	1	170.00	170.00
18	7/10 SWG Stay Wire ,7/3.25 mm	KG	10.13	102.00	1,033.26
20	Earthing support coil type	No	2	225.76	451.52

26	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	5.16	106.08	547.37
27	GI barbed wire/Anticlimbing device	Kg	4.8	108.80	522.24
28	Danger plate	No	2	108.80	217.60
A	A. Sub total				90,489.56
B	B. Stock, Storage & Insurance @ 3% of A				2,714.69
C	Sub Total (C=A+B)				93,204.25
D	T&P @ 2% of C				1,864.08
E	Contingency @ 3% of C				2,796.13
F	Transportation @ 7.5% of C				6,990.32
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				3,150.40
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				3,019.63
J	Total				111,024.81
29	Fabrication and Galvanisation	Kg	7.834	13.00	101.84
30	Concrete material for stay anchor plate	Nos.	1.44	1,653.00	2,380.32
31	Padding and Concreting materials for support	Nos.	2.4	2,837.90	6,810.96
	Total Rs.				120,317.93
B	11 KV DP WITH 1 NO. OF AB SWITCH				
1	10 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No.	2	30,586.40	61,172.80
2	MS Channel 100x50x6 mm	Kg	65	88.40	5,746.00
3	MS channel 75x40x6 mm	Kg	99	88.40	8,751.60
4	MS 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 polymer type 70 KN(B&S)	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	102.58	1,949.02
10	GI Flat 25x6 mm	Kg	18	102.58	1,846.44
11	11 KV AB Switch(400 A , Pole,50 hz type)	Set	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(150x150 mm RS Joist)	Pair	4	170.00	680.00
16	7/10 SWG Stay Wire	KG	23	102.00	2,346.00
17	7/8 SWG GI Stay Wire 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(25 mm)	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	27.20	163.20
22	GI Nut, Bolt & washers of different sizes	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				144,635.02
B	B. Stock, Storage & Insurance @ 3% of A				4,339.05
C	Sub Total (C=A+B)				148,974.07
D	T&P @ 2% of C				2,979.48
E	Contingency @ 3% of C				4,469.22
F	Transportation @ 7.5% of C				11,173.06
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				3150.4
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				8596.61
J	Total				179,342.84

27	Fabrication and galvanisation	Kg	214	13.00	2,782.00
28	Concrete materials for stay anchor plate	No	4	1,653.00	6,612.00
29	Padding and concreting material for Support	No	2	2,837.90	5,675.80
	Total Rs.				194,412.64
C	11 KV LINE AAAC TAPPING ON RSJ POLE				
1	10 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No.	1	30,586.40	30,586.40
1	75X40X6 mm channel for straight cross arm	Kg	32.64	88.40	2,885.38
2	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1,101.60	1,101.60
3	GI Back clamp for 11 KV V Cross Arm	No.	1	108.80	108.80
4	Top F clamp for PSC Pole ,2.9 Kg	No.	1	326.40	326.40
5	11 KV Disc insulator B&S polymer type 70 KN	No	3	1,564.00	4,692.00
6	11 KV H/W fitting polymer type	Pair	3	476.00	1,428.00
7	PG clamp for 55 sq. mm AAAC	No	3	553.22	1,659.66
8	11 KV Pin Insulator Polymer	No	5	272.00	1,360.00
9	HT Stay Set (Complete)	Set	2	1,428.00	2,856.00
10	HT Stay Insulator	No.	2	68.00	136.00
11	HT Stay Clamp(150x150 mm RS Joist)	Pair	2	170.00	340.00
12	7/10 SWG Stay Wire	KG	20	102.00	2,040.00
13	GI Nut , Bolt & Washer of different sizes	Kg	5	106.08	530.40
14	Earthing support coil type	No	1	225.76	225.76
A	A. Sub total				50,276.40
B	B. Stock, Storage & Insurance @ 3% of A				1,508.29
C	Sub Total (C=A+B)				51,784.69
D	T&P @ 2% of C				1,035.69
E	Contingency @ 3% of C				1,553.54
F	Transportation @ 7.5% of C				3,883.85
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				1,575.20
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				2,028.07
J	Total Rs.				61,861.04
15	Concrete materials for stay anchor plate	No	2	1,653.00	3,306.00

16	Padding and concreting material for Support	No	1	2,837.90	2,837.90
	Total Rs.				68,004.94
II	LT Line				
1	9 Mtr. Long RS Joist Pole(30.6 Kg/Mtr.)	No	7	24,345.36	170,417.52
2	1.1 KV 3C×50 mm ² +1C×35 mm ² (LT AB Cable)	Mtr.	233.200	176.80	41,229.76
3	4 core Al. pvc armoured cble 25 sq. mm	Mtr	7	177.85	1,173.81
4	Pole Clamp	No	7	272.00	1,904.00
5	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	1	88.40	88.40
6	Suspension Clamp with EYE hook for ABC	No	7	462.40	3,236.80
7	Neutral Connector	No	4	44.88	179.52
8	7/12 SWG GI stay wire, Grade -2	Kg	10.56	102.00	1,077.12
9	LT stay Clamp (1.40Kg/pair)	Pair	2	149.60	299.20
10	LT Stay insulator	No	2	40.80	81.60
11	Coil Earthing	No	7	225.76	1,580.32
12	No-8 GI wire for earthing	Kg	3.74	102.00	381.48
13	Bolt & Nut GI 16x55 mm	Kg	3.3	106.08	350.06
14	Piercing Connector LT Type A	No	4	108.80	435.20
15	LT Stay set Complete	Set	2	707.20	1,414.40
A	A. Sub total				223,849.19
B	B. Stock, Storage & Insurance @ 3% of A				6,715.48
C	Sub Total (C=A+B)				230,564.67
D	T&P @ 2% of C				4,611.29
E	Contingency @ 3% of C				6,916.94
F	Transportation @ 7.5% of C				17,292.35

G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				8,776.50
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				5,503.46
J	Total				273,665.21
16	Concrete materials for stay anchor plate	No	2	1,653.00	3,306.00
17	Padding and concreting material for Support	No	7	2,837.90	19,865.30
	Total Rs.				296,836.51
III	INSTALLATION OF 63 KVA S/S.				
1	10 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No.	2	30,586.40	61,172.80
2	63 KVA , 11/0.4 KV Transformer BIS Energy Level-II	No	1	117,640.00	117,640.00
3	MS Channel 100x50x6 mm	Kg	103	88.40	9,105.20
4	MS channel 75x40x6 mm	Kg	184	88.40	16,265.60
5	MS angle 50x50x6 mm	Kg	57	88.40	5,038.80
6	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1,564.00	4,692.00
7	11 KV H/W fitting polymer type	Pair	3	476.00	1,428.00
8	PG Clamp for 100 sq. mm AAAC	No.	3	788.80	2,366.40
9	GI Flat 25x6 mm	Kg	11	102.58	1,128.38
10	GI Flat 50x6 mm	Kg	43	102.58	4,410.94
11	11 KV AB Switch (400 Amp, 3 pole, HZ type)	Set	1	16,116.00	16,116.00
12	11 KV DD Fuse 3 Pole	No	1	6,396.58	6,396.58
13	DD Fuse Link Unit(10A)	No	3	150.96	452.88
14	11 KV Lightning Arrester	EA	3	4,828.00	14,484.00
15	Conductor ACSR PVC (61.7)sq. mm	Mtr.	20	80.68	1,613.60
16	HT Stay Set (Complete)	Set	2	1,428.00	2,856.00

17	HT Stay Insulator	No.	2	68.00	136.00
18	HT Stay Clamp(150x150 mm RS Joist)	Pair	2	170.00	340.00
19	7/10 SWG Stay Wire ,7/3.25 mm	KG	25	102.00	2,550.00
20	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1,428.00	7,140.00
21	Earthing of support Coil Type	No	1	225.76	225.76
22	Pipe HDPE(25 mm)	Mtr.	15	54.40	816.00
23	GI Pipe(100 mm)	Mtr.	3	680.00	2,040.00
24	1.1 KV 4Cx 95 sq. mm LT XLPE cable(Un Armoured)	Mtr	23	533.54	12,271.42
25	1 Core 95 sq. mm LT XLPE cable	Mtr	32	199.92	6,397.44
26	LT Distrubution Box with MCCB, Aluminim Busbar for 63 KVA S/S.	No	1	24,917.92	24,917.92
27	Al. cable socket 70 sq. mm	No	80	20.40	1,632.00
28	Al. cable socket 95 sq. mm	No	16	27.20	435.20
29	GI Nut, Bolt & washers of different sizes	Kg	25	106.08	2,652.00
30	Materials for Masonary work for earth pit	No.	5	544.00	2,720.00
31	Charcoal, salt etc for earthing	Kg	10	612.00	6,120.00
32	GI barbed wire/Anticlimbing device	No	4	108.80	435.20
33	Danger plate	No	2	108.80	217.60
A	A. Sub total				336,213.72
B	B. Stock, Storage & Insurance @ 3% of A				10,086.41
C	Sub Total (C=A+B)				346,300.13
D	T&P @ 2% of C				6,926.00
E	Contigency @ 3% of C				10,389.00
F	Transportation @ 7.5% of C				25,972.51

G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%					9,208.86
H	Erection Charges @ 20% on PSC Poles					
I	Erection Charges @ 10% for other materials					16,212.29
J	Total					415,008.80
34	Fabrication and galvanisation	Kg	344	13.00	4,472.00	
35	Concrete materials for stay anchor plate	M3	2	1,653.00	3,306.00	
36	Padding and concreting material for Support	M3	2	2,837.90	5,675.80	
37	Cost of Fencing	EA	1	104,661.02	104,661.02	
	Total Rs.					533,123.62
	Sub Total Rs.					1,212,695.64
	Cess @1%					12,126.96
	Total Estimated Cost					1,224,822.60
	Total Estimated Cost in Figures					1,224,823.00
EXCESS	☐ LESS ☐ (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)**