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 6-F TYPE STAFF QUARTERS AT BIJEPUR POLICE STATION IN THE DISTRICT OF KALAHANDI.

BID REF NO :- 69/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	9 Mtr. Long 300 KG PSC Pole	No.	1	4,260.00	4,260.00
2	55 sq. mm AAAC	Mtr.	216.3	42.60	9,214.38
3	75x40x6 mm channel for straight cross Arm	Kg	4.57	92.30	421.81
4	11 KV V cross Arm	No.	1	1150.20	1,150.20
5	Back clamp for v cross Arm	No.	1	113.60	113.60
6	11 KV F Clamp	No.	1	340.80	340.80
7	11 KV Pin Insulator Polymer	No	4	284.00	1,136.00
8	Earthing of support Coil Type	No	1	235.72	235.72
9	GI Nut, Bolt & washers of different sizes	Kg	3.01	110.76	333.39
10	GI Barbed wire for anticlimbing device	Kg	2.8	113.60	318.08
11	Danger Plate	No.	1	113.60	113.60
A	**A. Sub total**				**17,637.58**
B	**B. Stock, Storage & Insurance @ 3% of A**				**529.13**
C	**Sub Total (C=A+B)**				**18,166.71**
D	**T&P @ 2% of C**				**363.33**
E	**Contigency @ 3% of C**				**545.00**
F	**Transportation @ 7.5% of C**				**1,362.50**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				

H	Erection Charges @ 20% on PSC Poles				877.56
I	Erection Charges @ 10% for other materials				1,377.89
J	Total				22,692.99
12	Fabrication and galvanisation	Kg	4.57	13.00	59.41
13	Padding and concreting material for Support	No.	1	2,838.00	2,838.00
	Total Rs.				**25,590.40**
B	**11 KV AAAC TAPPING ARRANGEMENT**				
1	9 Mtr. Long 300 KG PSC Pole	No.	1	4,260.00	4,260.00
2	75x40x6 mm channel for straight cross Arm	Kg	32.64	92.30	3,012.67
3	11 KV V cross Arm	No.	1	1150.20	1,150.20
4	Back clamp for v cross Arm	No.	1	113.60	113.60
5	11 KV F Clamp	No.	1	340.80	340.80
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 55 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	1491.00	2,982.00
11	HT Stay Insulator	No.	2	71.00	142.00
12	HT Stay Clamp(150x150 mm RS Joist)	Pair	2	177.50	355.00
13	7/10 SWG Stay Wire	KG	20	106.50	2,130.00
14	GI Nut, Bolt & washers of different sizes	Kg	5	106.50	532.50
15	Earthing of support Coil Type	No	1	235.72	235.72
A	**A. Sub total**				**25,109.29**
B	**B. Stock, Storage & Insurance @ 3% of A**				**753.28**
C	**Sub Total (C=A+B)**				**25,862.57**
D	**T&P @ 2% of C**				**517.25**
E	**Contigency @ 3% of C**				**775.88**
F	**Transportation @ 7.5% of C**				**1,939.69**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				
H	**Erection Charges @ 20% on PSC Poles**				**877.56**
I	**Erection Charges @ 10% for other materials**				**2147.48**
J	**Total**				**32,120.43**
16	Fabrication and galvanisation	Kg	32.64	13.00	424.32
17	Concrete materials for stay anchor plate	No.	2	1,653.00	3,306.00

18	Padding and concreting material for Support	No.	1	2,838.00	2,838.00
	Total Rs.				**38,688.75**
II	**LT Line**				
1	8 Mtr. Long 200 KG PSC Pole	No.	5	2840.00	14200.00
2	1.1 KV 3C×50 mm² +1C×35 mm² (LT AB Cable)	Mtr.	159.00	184.60	29351.40
3	1.1 KV LT pvc armoured cable 4Cx25 sq. mm	Mtr	30	177.50	5325.00
4	Pole Clamp	No	5	284.00	1420.00
5	Dead End clamp	No	1	92.30	92.30
6	Suspension Clamp with EYE hook for ABC	No	5	482.80	2414.00
7	Neutral Connector	No	3	46.86	140.58
8	7/12 SWG GI stay wire, Grade -2	Kg	7.2	106.50	766.80
9	LT stay Clamp (1.40Kg/pair)	Pair	1	156.20	156.20
10	LT Stay insulator	No	1	42.60	42.60
11	Coil Earthing	No	5	235.72	1178.60
12	No-8 GI wire for earthing	Kg	2.55	113.6	289.68
13	Bolt & Nut GI 16x55 mm	Kg	2.25	110.76	249.21
14	Piercing connector LT type A	No.	3	113.60	340.80
15	LT Stay set Complete	Set	1	738.40	738.40
A	**A. Sub total**				**56,705.57**
B	**B. Stock, Storage & Insurance @ 3% of A**				**1,701.17**
C	**Sub Total (C=A+B)**				**58,406.74**
D	**T&P @ 2% of C**				**1,168.13**
E	**Contigency @ 3% of C**				**1,752.20**
F	**Transportation @ 7.5% of C**				**4,380.51**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				
H	**Erection Charges @ 20% on PSC Poles**				**2925.2**
I	**Erection Charges @ 10% for other materials**				**4,378.07**
J	**Total**				**73,010.85**
16	Concreting of stay	No.	1	1,653.00	1,653.00
17	Padding and concreting material for Support	No.	5	2,838.00	14,190.00
	Total Rs.				**88,853.85**
III	**LT Line**				
1	1.1 KV 1C×35 mm² +1C×25 mm² (LT AB Cable)	Mtr.	159	59.64	9482.76
2	Pole Clamp	No	5	284.00	1420.00
3	Dead End clamp	No	1	92.30	92.30
4	Suspension Clamp with EYE hook for ABC	No	5	482.80	2414.00

5	Neutral Connector	No	3	46.86	140.58
6	7/12 SWG GI stay wire, Grade -2	Kg	7.2	106.50	766.80
7	LT stay Clamp (1.40Kg/pair)	Pair	1	156.20	156.20
8	LT Stay insulator	No	1	42.60	42.60
9	Coil Earthing	No	5	235.72	1178.60
10	No-8 GI wire for earthing	Kg	2.55	113.6	289.68
11	Bolt & Nut GI 16x55 mm	Kg	2.25	110.76	249.21
12	Piercing connector LT type A	No.	3	113.60	340.80
A	**A. Sub total**				**16,573.53**
B	**B. Stock, Storage & Insurance @ 3% of A**				**497.21**
C	**Sub Total (C=A+B)**				**17,070.74**
D	**T&P @ 2% of C**				**341.41**
E	**Contigency @ 3% of C**				**512.12**
F	**Transportation @ 7.5% of C**				**1,280.31**
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**				**1,707.07**
J	**Total**				**20,911.65**
III	**INSTALLATION OF 63 KVA S/S.**				
1	9 Mtr. Long 300 KG PSC Pole	No.	2	4260.00	8520.00
2	63 KVA , 11/0.4 KV Transformer BIS Energy Level-II	No	1	152486.79	152,486.79
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 25x6 mm	Kg	11	106.50	1,171.50
10	GI Flat 50x6 mm	Kg	43	106.50	4,579.50
11	11 KV AB Switch (400 Amp, 3 pole, HZ type)	Set	1	16827.00	16,827.00

12	11 KV DD Fuse 3 Pole	No	1	6678.78	6,678.78
13	DD Fuse Link Unit(10A)	No	3	157.62	472.86
14	11 KV Lightning Arrester	EA	3	1391.60	4,174.80
15	Conductor ACSR PVC (61.7)sq. mm	Mtr.	20	84.24	1,684.80
16	HT Stay Set (Complete)	Set	2	1491.00	2,982.00
17	HT Stay Insulator	No.	2	71.00	142.00
18	HT Stay Clamp(150x150 mm RS Joist)	Pair	2	177.50	355.00
19	7/10 SWG Stay Wire ,7/3.25 mm	KG	25	106.50	2,662.50
20	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1491.00	7,455.00
21	Earthing of support Coil Type	No	1	235.72	235.72
22	Pipe HDPE(25 mm)	Mtr.	15	56.80	852.00
23	GI Pipe(100 mm)	Mtr.	3	710.00	2,130.00
24	1.1 KV 4Cx 95 sq. mm LT XLPE cable(Un Armoured)	Mtr	23	523.88	12,049.24
25	1 Core 95 sq. mm LT XLPE cable(Armoured)	Mtr	32	208.74	6,679.68
26	LT Distrubution Box with MCCB, Aluminim Busbar for single bay with kitkat fuse for 63 KVA S/S.	No	1	26017.24	26,017.24
27	Al. cable socket 70 sq. mm	No	80	21.30	1,704.00
28	Al. cable socket 95 sq. mm	No	16	28.40	454.40
29	GI Nut, Bolt & washers of different sizes	Kg	25	110.76	2,769.00
30	Materials for Masonary work for earth pit	No.	5	568.00	2,840.00
31	Charcoal, salt etc for earthing	Kg	10	639.00	6,390.00
32	GI barbed wire/Anticlimbing device	No	4	113.60	454.40
33	Danger plate	No	2	113.60	227.20
A	**A. Sub total**				**313,607.41**
B	**B. Stock, Storage & Insurance @ 3% of A**				**9,408.22**
C	**Sub Total (C=A+B)**				**323,015.63**
D	**T&P @ 2% of C**				**6,460.31**
E	**Contigency @ 3% of C**				**9,690.47**
F	**Transportation @ 7.5% of C**				**24,226.17**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**7853.07**
H	**Erection Charges @ 20% on PSC Poles**				**1755.12**
I	**Erection Charges @ 10% for other materials**				**15717.86**

J	**Total**				**388,718.64**
34	Fabrication and galvanisation	Kg	344	13.00	4,472.00
35	Concrete materials for stay anchor plate	No.	2	1,653.00	3,306.00
36	Padding and concreting material for Support	No.	2	2,837.90	5,675.80
38	Economic Brick design fencing	No	1	92622.57	92622.57
	Total Rs.				**494,795.01**
	Sub Total Rs.				**668,839.66**
	Cess @1%				**6,688.40**
	Total Estimated Cost				**675,528.06**
	Total Estimated Cost in Figures				**675,528.00**

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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)