

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
[Electrical Division]
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PRICE BID FOR THE WORK UNDER SL. NO :- 08 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO POLICE STATION AT KRUSHNANANDAPUR IN THE DISTRICT OF JAGATSINGHPUR.

BID REF NO :- 54/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	INSTALLATION OF 63 KVA S/S.				
1	WPB 160X160X6-11 Mtr. Long ,30.44 Kg/mtr.	No.	2	36,804.27	73,608.54
2	GI Channel 100x50x6 mm	Kg	131.259	106.50	13,979.08
3	GI flat 50x6 mm	Kg	158.781	106.50	16,910.18
4	GI channel 75x40x4.8 mm	Kg	102.96	106.50	10,965.24
5	GI angle 50x50x6 mm	Kg	52.758	106.50	5,618.73
6	63 KVA , 11/0.4 KV (AL) Transformer BIS Energy Level-II	No	1	141,308.92	141,308.92
7	LT Distrubution Box with MCCB, Aluminim Busbar for 63 KVA S/S.	No	1	26,017.24	26,017.24
8	55 sq. mm ACSR insulated Covered Conductor(RABBIT)	Mtr.	50	99.74	4,987.00
9	1.1 KV 4Cx 95 sq. mm LT XLPE cable(Armoured)	Mtr	15	499.41	7,491.15
10	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	8,690.40	8,690.40
11	11 KV AB Switch Trip Pole Gang Ope,200 A)	No	1	10,437.00	10,437.00
12	Wedge connector for 55 sq. mm conductor	No	6	100.00	600.00
13	Polycarbonate Bird Guard	No	6	29.40	176.40
14	11 KV Disc insulator polymer type 70 KN	No	3	1,633.00	4,899.00
15	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
16	11 KV Lightning Arrester(12 KV,10 KA)	EA	3	5,041.00	15,123.00
17	11 KV Pin Insulator Polymer,11 KV 200 mm FRP Dia.	No	3	284.00	852.00
18	HT Stay Set (Complete)	Set	2	1,491.00	2,982.00

19	HT Stay Insulator	No.	2	71.00	142.00
20	HT Stay Clamp(150x150 mm RS Joist)	Pair	2	177.50	355.00
21	7/10 SWG Stay Wire ,7/3.25 mm	KG	30	106.50	3,195.00
22	GI Pipe for earthing 40mm dia 3mtr long	EA	7	1,491.00	10,437.00
23	GI Nut, Bolt & washers of different sizes	Kg	25	110.76	2,769.00
24	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
25	GI Flat 25x3 mm	Kg	3.009	106.50	320.46
26	Danger plate	No	2	113.60	227.20
27	Name Plate	No	1	113.60	113.60
28	Enamel Paint yellow	Ltr.	2	216.90	433.80
29	Black paint with Barrel	Ltr.	1	312.40	312.40
A	A. Sub total				365,123.94
B	B. Stock, Storage & Insurance @ 3% of A				10,953.72
C	Sub Total (C=A+B)				376,077.65
D	T&P @ 2% of C				7,014.71
E	Contingency @ 3% of C				11,282.33
F	Transportation @ 7.5% of C				28,205.82
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				11,068.25
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				12,937.04
J	Total				446,585.81
30	Laying of PCC M20	M3	1.126	6,648.85	7,486.61
31	PCC 1:3:6	M3	1.5	5,247.48	7,871.22
32	Installation of 11 KV complete stay set with concrete	No	2	2,301.53	4,603.06
33	Earth chamber including installation of earthing pipe	No	7	3,784.73	26,493.11
34	Laying of cable upto 120 sq. mm	Mtr.	15	47.87	718.05
35	Supply & erection GI fencing with Gate	M2	16	3,682.44	58,919.04
36	Supply and crimping/fixing/connection of terminal AL 95 Lug	No	8	92.06	736.48
37	Supply and Installation of 3.5/4 core ,50-95 sq. mm Gland/AL term	No	3	690.46	2,071.38
	Total Rs.				555,484.75
II	CONSTRUCTION OF 11 KV LINE .				
A	11 KV CUT POINT WITH 90 DEGREE ANGLE				
1	PSC Pole 10 Mtr. Long 330 KG	No	1	9,230.00	9,230.00
2	PSC Pole Back Clamp	No	2	113.60	227.20

3	GI channel 100X50X6mm	Kg	57.589	106.50	6,133.23
4	GI flat 50x6 mm	Kg	10.573	106.50	1,126.02
5	Danger plate	No	1	113.60	113.60
6	GI Flat 25x3 mm	Kg	1.505	106.50	160.28
7	GI barbed wire/Anticlimbing device	No	3	113.60	340.80
8	11 KV Pin Insulator Polymer type	No	4	284.00	1,136.00
9	11 KV Disc insulator polymer type 70 KN	No	9	1,633.00	14,697.00
10	11 KV H/W fitting polymer type	Pair	9	497.00	4,473.00
11	Coil earthing	No	1	235.72	235.72
12	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.262	106.50	27.90
13	Wedge connector for 55 sq. mm conductor	No	9	100.00	900.00
14	Polycarbonate Bird Guard	No	13	29.40	382.20
15	HT Stay Set (Complete)	Set	1	1,491.00	1,491.00
16	HT Stay Insulator	No.	1	71.00	71.00
17	HT Stay Clamp(150x150 mm RS Joist)	Pair	1	177.50	177.50
18	7/10 SWG Stay Wire ,7/3.25 mm	KG	15	106.50	1,597.50
19	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	7.433	110.76	823.28
20	Enamel Paint yellow	Ltr.	2	216.00	432.00
21	Black paint with Barrel	Ltr.	0.5	312.40	156.20
A	A. Sub total				43,931.44
B	B. Stock, Storage & Insurance @ 3% of A				1,317.94
C	Sub Total (C=A+B)				45,249.38
D	T&P @ 2% of C				836.25
E	Contingency @ 3% of C				1,357.48
F	Transportation @ 7.5% of C				3,393.70
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				
H	Erection Charges @ 20% on PSC Poles				1,901.38
I	Erection Charges @ 10% for other materials				3,230.53
J	Total				55,968.73
21	Laying of PCC M20	M3	0.42	6,648.85	2,792.52
22	Installation of 11 KV complete stay set with concrete	No	1	2,301.53	2,301.53
	Total Rs.				61,062.77
B	11 KV PIN POINTS WITH WPB				

I	55 sq. mm AAAC Rabbit Conductor	Km	0.062	42,600.00	2,641.20
A	A. Sub total				2,641.20
B	B. Stock, Storage & Insurance @ 3% of A				79.24
C	Sub Total (C=A+B)				2,720.44
D	T&P @ 2% of C				54.41
E	Contingency @ 3% of C				81.61
F	Transportation @ 7.5% of C				204.03
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				272.04
J	Total				3,332.53
	Total Rs.				619,880.06
	Cess @1%				6,198.80
	Total Estimated Cost				626,078.86
	Total Estimated Cost in Figures				626,079.00
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)**