

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 :- 03 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-F TYPE STAFF QUARTERS AT SARGIPALLI UNDER LEPHRIPADA POLICE STATION IN THE DISTRICT OF SUNDERGARH.

BID REF NO :- 62/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 AAAC TAPPING ON RSJ POLE				
1	75X40X6 mm channel for straight cross arm	Kg	32.64	92.30	3,012.67
2	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1,150.20	1,150.20
3	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.60
4	Top F clamp for PSC Pole ,2.9 Kg	No.	1	340.80	340.80
5	11 KV Disc insulator B&S polymer type 70 KN	No	3	1,633.00	4,899.00
6	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
7	PG Clamp for 55 sq. mm AAAC	No.	3	681.60	2,044.80
8	11 KV Pin Insulator Polymer	No	5	284.00	1,420.00
9	HT Stay Set (Complete)	Set	2	1,491.00	2,982.00
10	HT Stay Insulator	No.	2	71.00	142.00
11	HT Stay Clamp(150x150 mm RS Joist)	Pair	2	177.50	355.00
12	7/10 SWG Stay Wire	KG	20	106.50	2,130.00
13	GI Nut , Bolt & Washer of different sizes	Kg	5	106.08	530.40
14	Earthing support coil type	No	1	235.72	235.72
A	A. Sub total				20,847.19
B	B. Stock, Storage & Insurance @ 3% of A				625.42

C	Sub Total (C=A+B)				21,472.61
D	T&P @ 2% of C				429.45
E	Contingency @ 3% of C				644.18
F	Transportation @ 7.5% of C				1,610.45
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				2,147.26
J	Total Rs.				26,303.94
15	Fabrication and galvanisation	Kg	32.64	13.00	424.32
16	Concrete materials for stay anchor plate	No	2	1,653.00	3,306.00
	Total Rs.				30,034.26
B	11 KV PP 55 SQ. MM AAAC				
1	55 sq. mm AAAC	Mtr.	61.8	42.60	2,632.68
2	MS channel 75x40x6 mm	Kg	1.306	92.30	120.54
3	11 KV Pin Insulator Polymer	No	1	284.00	284.00
4	7/10 SWG Stay Wire	KG	1.688	106.50	179.77
5	GI Nut, Bolt & washers of different sizes	Kg	0.86	110.76	95.25
6	GI barbed wire/Anticlimbing device	No	0.8	113.60	90.88
A	A. Sub total				3,403.13
B	B. Stock, Storage & Insurance @ 3% of A				102.09
C	Sub Total (C=A+B)				3,505.22
D	T&P @ 2% of C				70.10
E	Contingency @ 3% of C				105.16
F	Transportation @ 7.5% of C				262.89
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				350.52
J	Total Rs.				4,293.90
7	Fabrication and galvanisation	Kg	1.306	13.00	16.98
8	Concrete materials for stay anchor plate	No	0.24	1,653.00	396.72
9	Padding and concreting material for Support	No	0.4	2,837.90	1,135.16
	Total Rs.				5,842.76
C	11 KV DP WITH 1 NO. OF AB SWITCH				

1	10 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	31,935.80	63,871.60
2	MS Channel 100x50x6 mm	Kg	65	92.30	5,999.50
3	MS channel 75x40x6 mm	Kg	99	92.30	9,137.70
4	MS angle 50x50x6 mm	Kg	49.5	92.30	4,568.85
5	Fish Plate 50x6 mm	Nos.	4	132.06	528.24
6	11 KV Disc insulator B&S polymer type 70 KN	No	6	1,633.00	9,798.00
7	11 KV H/W fitting polymer type	Pair	6	497.00	2,982.00
8	PG clamp for 100 sq. mm AAAC	No	6	823.60	4,941.60
9	GI Flat 50x6 mm	Kg	19	106.50	2,023.50
10	GI Flat 25x6 mm	Kg	18	106.50	1,917.00
11	11 KV A/B Switch (400 A, 3 Pole 50 Hz type)	Set	1	16,827.00	16,827.00
12	11 KV Pin Insulator Polymer	No	3	284.00	852.00
13	HT Stay Set (Complete)	Set	4	1,491.00	5,964.00
14	HT Stay Insulator	No.	4	71.00	284.00
15	HT Stay Clamp	Pair	4	177.50	710.00
16	7/10 SWG Stay Wire ,7/3.25 mm	KG	23	106.50	2,449.50
17	8 SWG GIWire for earthing	KG	32	106.50	3,408.00
18	Earthing device coil type	No.	3	235.72	707.16
19	Pipe HDPE	Mtr.	9	56.80	511.20
20	Al cable socket 70 sq. mm	Nos.	6	21.30	127.80
21	Al cable socket 95 sq. mm	Nos.	6	28.40	170.40
22	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	28	110.76	3,101.28
23	Materials for Masonary work for earth pit	No.	3	568.00	1,704.00
24	Charcoal, salt etc for earthing	Kg	6	639.00	3,834.00
25	GI barbed wire/Anticlimbing device	Kg	4	113.60	454.40
26	Danger plate	No	2	113.60	227.20
A	A. Sub total				147,099.93
B	B. Stock, Storage & Insurance @ 3% of A				4,413.00
C	Sub Total (C=A+B)				151,512.93
D	T&P @ 2% of C				3,030.26

E	Contingency @ 3% of C				4,545.39
F	Transportation @ 7.5% of C				11,363.47
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				3,289.39
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				8,572.52
J	Total				182,313.95
27	Fabrication and Galvanisation	Kg	214	13.00	2,782.00
28	Concrete material for stay anchor plate	Nos.	4	1,653.00	6,612.00
29	Padding and Concreting materials for support	Nos.	2	2,837.90	5,675.80
	Total Rs.				197,383.75
II	INSTALLATION OF 63 KVA S/S.				
1	10 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No.	2	31,935.80	63,871.60
2	63 KVA , 11/0.4 KV Transformer BIS Energy Level-II	No	1	152,486.79	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	1,633.00	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	16,827.00	16,827.00
12	11 KV DD Fuse 3 Pole	No	1	6,678.78	6,678.78
13	DD Fuse Link Unit(10A)	No	3	157.62	472.86
14	11 KV Lightning Arrester	EA	3	1,391.60	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	1,491.00	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	1,491.00	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	Mtr	32	208.74	6,679.68
26	LT Distrubution Box with MCCB, Aluminim Busbar for 63 KVA S/S.	No	1	26,017.24	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				368,959.01
B	B. Stock, Storage & Insurance @ 3% of A				11,068.77
C	Sub Total (C=A+B)				380,027.78
D	T&P @ 2% of C				7,600.56
E	Contigency @ 3% of C				11,400.83
F	Transportation @ 7.5% of C				28,502.08
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				11,142.46
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				15,717.86
J	Total				454,391.57

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	Economic Brick Design Fencing	EA	1	92,622.57	92,622.57
	Total Rs.				560,467.94
	Sub Total Rs.				793,728.72
	Cess @1%				7,937.29
	Total Estimated Cost				801,666.00
	Total Estimated Cost in Figures				801,666.00
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)**