

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 TO CATER POWER SUPPLY TO 6-F TYPE STAFF QUARTERS AT PATANAGADA FIRE STATION IN THE DISTRICT OF BALANGIR.

BID REF NO :- 46/PM/ELECT/OPHWC/2026-27

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	DISMANTLING OF 11 KV LINE				
1	Dismantling of existing conductor	Mtr.	100	9.09	909.00
	Total Rs.				909.00
B	11 KV LINE TAPPING				
1	75x40x6 mm Channel for Straight cross arm	Kg	32.64	78.00	2,545.92
2	11 KV 'V' cross arm(10.2 Kg each)	No.	1	851.00	851.00
3	GI Back clamp for 11 KV V Cross Arm	No.	1	140.00	140.00
4	Top F clamp for PSC Pole ,2.9 Kg	No.	1	130.00	130.00
5	11 KV Disc insulator B&S polymer type 70 KN	No	3	150.00	450.00
6	11 KV H/W fitting polymer type	Pair	3	412.00	1,236.00
7	PG Clamp for 100 sq. mm AAAC	No.	3	70.00	210.00
8	11 KV Pin Insulator Polymer	No	5	140.00	700.00
9	HT Stay Set (Complete)	Set	2	1434.00	2,868.00
10	HT Stay Insulator	No.	2	87.00	174.00
11	HT Stay Clamp	Pair	2	260.00	520.00
12	7/10 SWG Stay Wire ,7/3.25 mm	Kg	20	77.00	1,540.00
13	No. 8 GI Wire for earthing	Kg	2	74.00	148.00
14	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	5	74.00	370.00
15	Earthing support coil type	No	1	164.00	164.00
A	A. Sub total				12,046.92
B	B. Stock, Storage & Insurance @ 3% of A				361.41
C	Sub Total (C=A+B)				12,408.33
D	T&P @ 2% of C				248.17

E	Contingency @ 3% of C				372.25
F	Transportation @ 7.5% of C				930.62
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				1,240.83
J	Total				15,200.20
16	Concrete material for stay anchor plate	Nos.	2	1,653.00	3,306.00
	Total Rs.				18,506.20
C	11 KV LINE USING 55 SQ. MM INSULATED COVERED CONDUCTOR				
1	9 Mtr. Long 300 KG PSC Pole	No	3	3630.00	10,890.00
2	55 sq. mm insulated covered AAAC	Mtr.	401.7	101.00	40,571.70
3	GI channel 75x40x6 mm	Kg	8.486	78.00	661.91
4	11 KV 'V' cross arm(10.2 Kg each)	No.	2	851.00	1,702.00
5	GI Back clamp for 11 KV V Cross Arm	No.	2	140.00	280.00
6	Top F clamp for PSC Pole ,2.9 Kg	No.	2	130.00	260.00
7	11 KV Disc insulator B&S polymer type 70 KN	No	2	150.00	300.00
8	11 KV H/W fitting polymer type	Pair	2	412.00	824.00
9	PG Clamp for 55 sq. mm AAAC	No.	2	70.00	140.00
10	11 KV Pin Insulator Polymer	No	8	140.00	1,120.00
11	HT Stay Set (Complete)	Set	2	1434.00	2,868.00
12	HT Stay Insulator	No.	2	87.00	174.00
13	HT Stay Clamp	Pair	2	260.00	520.00
14	7/10 SWG Stay Wire ,7/3.25 mm	Kg	10.975	77.00	845.08
15	No. 8 GI Wire for earthing	Kg	5.2	74.00	384.80
16	Earthing support coil type	No	3	164.00	492.00
17	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	5.59	74.00	413.66
18	GI barbed wire/Anticlimbing device	Kg	5.2	74.00	384.80
19	Danger plate	No	3	180.00	540.00
A	A. Sub total				63,371.94
B	B. Stock, Storage & Insurance @ 3% of A				1,901.16
C	Sub Total (C=A+B)				65,273.10
D	T&P @ 2% of C				1,305.46
E	Contingency @ 3% of C				1,958.19
F	Transportation @ 7.5% of C				4,895.48
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				
H	Erection Charges @ 20% on PSC Poles				2,243.34

I	Erection Charges @ 10% for other materials				5,405.64
J	Total				81,081.22
20	Concrete material for stay anchor plate	Nos.	2	1,653.00	3,306.00
21	Padding and Concreting materials for support	Nos.	3	2,837.90	8,513.70
22	Survey and GIS data for Pole	Nos.	3	60.00	180.00
23	Pole Painting	Nos.	3	65.00	195.00
	Total Rs.				93,275.92
II	LT Line				
1	9 Mtr. Long 300 KG PSC Pole	No	4	3630.00	14,520.00
2	1.1 KV 3C×50 mm ² +1C×35 mm ² +1C×16 mm ² (LT AB Cable)	Mtr.	127.20	186.00	23,659.20
3	4 core Al. PVC armoured 25 sq. mm	Mtr.	3.60	194.00	698.40
4	Pole Clamp	No	4	240.00	960.00
5	Suspension Clamp with EYE hook for ABC	No	4	140.00	560.00
6	Eye Hook for AB cable	No	4	75.00	300.00
7	Neutral Connector	No	2	20.00	40.00
8	7/12 SWG GI stay wire, Grade -2	Kg	5.76	79.00	455.04
9	LT stay Clamp (1.40Kg/pair)	Pair	1	350.00	350.00
10	LT Stay insulator	No	1	19.00	19.00
11	Coil Earthing	No	4	164.00	656.00
12	No-8 GI wire for earthing	Kg	2.04	74.00	150.96
13	Bolt & Nut GI 16x55 mm	Kg	1.8	74.00	133.20
14	Piercing Connector LT type A	No.	2	69.50	139.00
15	LT Stay set Complete	Set	1	738.40	738.40
16	10 way Distribution Box LT Polycarbonate	No.	1	920.00	920.00
A	A. Sub total				44,299.20
B	B. Stock, Storage & Insurance @ 3% of A				1,328.98
C	Sub Total (C=A+B)				45,628.18
D	T&P @ 2% of C				912.56
E	Contingency @ 3% of C				1,368.85
F	Transportation @ 7.5% of C				3,422.11
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				
H	Erection Charges @ 20% on PSC Poles				2,991.12
I	Erection Charges @ 10% for other materials				3,067.26
J	Total				57,390.08
17	Concreting of stay	Nos.	1	1,653.00	1,653.00
18	Padding and Concreting materials for support	Nos.	4	2,837.90	11,351.60
19	Survey and GIS data for Pole	Nos.	4	60.00	240.00
20	Pole Painting	Nos.	4	65.00	260.00
	Total Rs.				70,894.68
III	INSTALLATION OF 63 KVA S/S				
1	9 Mtr. Long 300 KG PSC Pole	No	2	3630.00	7,260.00
2	63 KVA , 11/0.4 KV Transformer BIS Energy Level-II	No	1	141309.00	1,41,309.00
3	GI Channel 100x50x6 mm	Kg	103	78.00	8,034.00
4	GI channel 75x40x6 mm	Kg	184	78.00	14,352.00
5	GI angle 50x50x6 mm	Kg	57	78.00	4,446.00
6	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	150.00	450.00

7	11 KV H/W fitting polymer type	Pair	3	412.00	1,236.00
8	PG Clamp for 100 sq. mm AAAC	No.	3	70.00	210.00
9	GI Flat 25x6 mm	Kg	11	78.00	858.00
10	GI Flat 50x6 mm	Kg	43	78.00	3,354.00
11	11 KV AB Switch(400 Amp, 3 pole)	Set	1	10972.00	10,972.00
12	11 KV HG Fuse 3 Pole	No	1	6037.00	6,037.00
13	11 KV Lightning Arrester	EA	3	1960.00	5,880.00
14	Conductor ACSR PVC(61.7 Sq. mm)	Mtr.	20	84.24	1,684.80
15	HT Stay set complete	Set	2	1434.00	2,868.00
16	7/10 SWG Stay wire	Kg	25	77.00	1,925.00
17	HT Stay Insulator	No.	2	87.00	174.00
18	HT stay clamp	Pair	2	260.00	520.00
19	No-8 GI wire for earthing	Kg	10	74.00	740.00
20	40 mm Nominal Bore GI Pipe(Medium Gauge)	Nos.	5	1300.00	6,500.00
21	Earthing support coil type	No	2	164.00	328.00
22	HDPE Pipe(25 mm)	Mtr.	15	56.80	852.00
23	GI Pipe (100 mm)	Mtr.	3	710.00	2,130.00
24	1.1 KV 4Cx95 sq. mm XLPE Cable	Mtr.	23	533.00	12,259.00
25	1 core 95 sq. mm XLPE Cable(Armoured)	Mtr.	32	103.00	3,296.00
26	Gland for armoured cable(4Cx95 sq. mm XLPE cable)	No.	4	494.82	1,979.28
27	LT Distribution Box with TP MCCB,Aluminium Bus bar for 63 KVA S/S	No	1	26990.00	26,990.00
28	Al. cable socket 70 sq. mm	No	80	11.17	893.60
29	Al. cable socket 95 sq. mm	No	16	11.17	178.72
30	GI Nuts, Bolts & washers	Kg	25	74.00	1,850.00
31	GI barbed wire for Anticlimbing	Kg	4	74.00	296.00
32	Danger Plate	No	2	180.00	360.00
A	A. Sub total				2,70,222.40
B	B. Stock, Storage & Insurance @ 3% of A				8,106.67
C	Sub Total (C=A+B)				2,78,329.07
D	T&P @ 2% of C				5,566.58
E	Contingency @ 3% of C				8,349.87
F	Transportation @ 7.5% of C				20,874.68
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				7,277.41
H	Erection Charges @ 20% on PSC Poles				1,495.56
I	Erection Charges @ 10% for other materials				12,530.30
J	Total				3,34,423.48
36	Concrete material for stay anchor plate	No	2	1653.00	3,306.00
37	Padding and Concreting materials for support	No	2	2837.97	5,675.94
38	Economic Brick design fencing	No	1	92622.57	92,622.57
39	Plinth for Transformer	No	1	22034.00	22,034.00
40	Dismantling of Transformer	No	1	7315.00	7,315.00
32	Earthing pit for pipe earthing	No	5	3700.00	18,500.00
33	Pole Painting	Nos.	2	65.00	130.00

34	Survey and GIS data for DTR	Nos.	1	500.00	500.00
35	Survey and GIS data for Pole	Nos.	2	60.00	120.00
	Total Rs.				4,84,626.99
	Sub Total Rs.				6,68,212.78
	Cess @1%				6,682.13
	Total Estimated Cost				6,74,894.91
	Total Estimated Cost in Figures				6,74,895.00
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)