

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 :- 01 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO AUTOMATED TESTING STATION (ATS) AT ROURKELA IN THE DISTRICT OF SUNDERGARH.

BID REF NO : 97/PM/ELECT/OPHWC/2025-26

NAME & ADDRESS OF THE FIRM	
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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 100 SQ. MM INSULATED COVERED CONDUCTOR					
1	11 KV 1 core 100 sq. mm XLPE insulated Un-armoured AAAC	Mtr.	126	127.80	16,102.80	
2	MS Channel 100x50x6 mm	Kg	1.84	92.30	169.83	
3	MS channel 75x40x6 mm	Kg	1.36	92.30	125.53	
4	GI Flat 50x6 mm	Kg	0.48	106.50	51.12	
5	GI Flat 25x6 mm	Kg	0.36	106.50	38.34	
6	11 KV Pin Insulator Polymer	No	1	284.00	284.00	
7	7/8 SWG GIWire for earthing	KG	0.86	106.50	91.59	
8	Pipe HDPE	Mtr.	0.24	56.80	13.63	
9	Charcoal, salt etc for earthing	Kg	0.16	639.00	102.24	
10	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	0.86	110.76	95.25	
11	GI barbed wire/Anticlimbing device	Kg	0.88	113.60	99.97	
A	A. Sub total				17,174.30	
B	B. Stock, Storage & Insurance @ 3% of A				515.23	
C	Sub Total (C=A+B)				17,689.53	
D	T&P @ 2% of C				353.79	

E	Contingency @ 3% of C				530.69
F	Transportation @ 7.5% of C				1,326.71
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				1,768.95
J	Total				21,669.68
12	Fabrication and galvanisation	Kg	1.306	13.00	16.98
13	Concrete material for stay anchor plate	Nos.	0.24	1,653.00	396.72
	Total Rs.				22,083.38
B	11 KV DP WITH WPB POLE				
1	11 Mtr. Long GI WPB Pole	No.	2	35,621.00	71,242.00
2	Top Channel 100x50x6 mm	Kg	65	92.30	5,999.50
3	Belting channel 75x40x6 mm	Kg	99	92.30	9,137.70
4	Bracing 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 25x3 mm	Kg	18	106.50	1,917.00
11	11 KV DO Fuse(200 AMP , 3 Pole,Vertical)	No.	1	4,500.00	4,500.00
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	7/8 SWG GIWire for earthing	KG	32	106.50	3,408.00
18	GI Pipe for earthing 40mm dia 3mtr long	EA	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	No	4	113.60	454.40

26	Danger plate	No	2	113.60	227.20
A	A. Sub total				142,143.33
B	B. Stock, Storage & Insurance @ 3% of A				4,264.30
C	Sub Total (C=A+B)				146,407.63
D	T&P @ 2% of C				2,928.15
E	Contingency @ 3% of C				4,392.23
F	Transportation @ 7.5% of C				10,980.57
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				3,668.96
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				7,302.84
J	Total				175,680.38
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.				190,750.18
C	11KV METERING UNIT				
1	11 Mtr. Long GI WPB Pole	No	2	35,621.00	71,242.00
2	MS Channel 100x50x6 mm	Kg	162.5	92.30	15,000.60
3	MS channel 75x40x6 mm	Kg	49.98	92.30	4,613.15
4	MS angle 50x50x6 mm	Kg	54	92.30	4,984.20
5	11 KV Disc insulator polymer type 70 KN(B&S)	No	6	1,633.00	9,798.00
6	11 KV H/W fitting polymer type	Pair	6	497.00	2,982.00
7	GI Flat 25x6 mm	Kg	50	106.50	5,325.00
8	HT Stay Set (Complete)	Set	4	1,491.00	5,964.00
9	HT Stay Insulator	No.	4	71.00	284.00
10	HT Stay Clamp(150x150 mm RS Joist)	Pair	4	177.50	710.00
11	7/10 SWG Stay Wire ,7/3.25 mm	KG	50	106.50	5,325.00
12	GI Pipe for earthing 40mm dia 3mtr long	EA	4	1,491.00	5,964.00
13	Earthing of support Coil Type	No	2	235.72	471.44
14	GI Nut, Bolt & washers of different sizes	Kg	10	110.76	1,107.60
15	Materials for Masonary work for earth pit	No.	4	568.00	2,272.00
16	Charcoal, salt etc for earthing	Kg	8	639.00	5,112.00
17	GI barbed wire/Anticlimbing device	No	6	113.60	681.60

18	Danger plate	No	2	113.60	227.20
19	10 core 2.5 sq. mm control cable for MU	Mtr.	20	366.36	7,327.20
A	A. Sub total				149,390.99
B	B. Stock, Storage & Insurance @ 3% of A				4,481.73
C	Sub Total (C=A+B)				153,872.72
D	T&P @ 2% of C				3,077.45
E	Contingency @ 3% of C				4,616.18
F	Transportation @ 7.5% of C				11,540.45
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				3,668.96
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				8,049.35
J	Total				184,825.12
20	Fabrication and galvanisation	Kg	266.5	13.00	3,464.50
21	Concrete materials for stay anchor plate	M3	4	1,653.00	6,612.00
22	Padding and concreting material for Support	M3	2	2,837.90	5,675.80
	Total Rs.				200,577.42
II	INSTALLATION OF 250 KVA S/S.				
1	11 Mtr. Long GI WPB Pole	No	2	35,621.00	71,242.00
2	250 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II	No	1	626,121.70	626,121.70
3	MS Channel 100x50x6 mm	Kg	51	92.30	4,707.30
4	MS channel 75x40x6 mm	Kg	184	92.30	16,983.20
5	MS angle 50x50x6 mm	Kg	27	92.30	2,492.10
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 50x6 mm	Kg	43	106.50	4,579.50
10	GI Flat 25x6 mm	Kg	11	106.50	1,171.50
11	11 KV AB Switch(400 Amp, 3 pole)	Set	1	16,827.00	16,827.00
12	11 KV DD Fuse 3 Pole	No	1	6,678.78	6,678.78
13	11 KV DD Fuse Link Unit(10 A)	No	3	157.62	472.86
14	11 KV Lightning Arrester(9 KV,5 KA)	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	7/10 SWG Stay wire	Kg	20	106.50	2,130.00
18	HT Stay Insulator	No.	2	71.00	142.00
19	HT stay clamp	Pair	2	177.50	355.00
20	40 mm Nominal bore GI pipe(Medium Gauge)	No	5	1,491.00	7,455.00
21	GI Pipe (100 mm)	Mtr.	3	710.00	2,130.00
22	HDPE Pipe	Mtr.	15	56.80	852.00
23	1.1 KV 4 core 300 sq. mm XLPE Cable	Mtr.	23	557.08	12,812.84
24	1 core 300 sq. mm XLPE Cable(Armoured)	Mtr.	32	208.74	6,679.68
25	Gland for Arm (4 core x 300 sq. mm XLPE Cable)	Nos.	4	494.82	1,979.28
26	LT Distribution Box with MCCB,Aluminium Bus bar.	No	1	68,160.00	68,160.00
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 Nuts, Bolts & washers	Kg	25	110.76	2,769.00
30	GI barbed wire for Anticlimbing	Kg	4	113.60	454.40
31	Danger Plate	No	2	113.60	227.20
A	A. Sub total				877,283.14
B	B. Stock, Storage & Insurance @ 3% of A				26,318.49
C	Sub Total (C=A+B)				903,601.63
D	T&P @ 2% of C				18,072.03
E	Contingency @ 3% of C				27,108.05
F	Transportation @ 7.5% of C				67,770.12
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				35,914.23
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				18,531.70
J	Total				1,070,997.77
32	Fabrication & Galvanisation	Kg	262	13.00	3,406.00
33	Concrete material for stay anchor plate	No	2	1,653.00	3,306.00

34	Padding and Concreting materials for support	No	2	2,837.97	5,675.94
35	Plinth for 250 KVA transformer	No	1	22,034.00	22,034.00
36	Economic Brick Design fencing	No	1	92,622.57	92,622.57
37	Earthing pit for pipe earthing	No	5	3,700.00	18,500.00
	Total Rs.				1,216,542.28
	Sub Total Rs.				1,629,953.26
	Cess @1%				16,299.53
	Total Estimated Cost				1,646,252.79
	Total Estimated Cost in Figures				1,646,253.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (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)