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 :- 14 AS PER IFB

NAME OF THE WORK :- EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO AUTOMATED TESTING STATION (ATS) AT NUAPADA IN THE DISTRICT OF NUAPADA.

BID REF NO :-80/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 100 SQ. MM INSULATED COVERED CONDUCTOR				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	3	35129.38	105388.14
2	100 sq. mm AAAC	Mtr.	618	78.10	48265.8
3	11 KV 'V' cross arm(10.2 Kg each)	No.	3	1150.20	3450.6
4	GI Back clamp for 11 KV V Cross Arm	No.	3	113.60	340.8
5	Top F clamp for PSC Pole ,2.9 Kg	No.	3	340.80	1022.4
6	11 KV Pin Insulator Polymer	No	9	284.00	2,556.00
7	Earthing support coil type	No	3	235.72	707.16
8	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	5	110.76	553.8
9	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
10	Danger plate	No	3	113.60	340.80
A	A. Sub total				163,307.10
B	B. Stock, Storage & Insurance @ 3% of A				4,899.21
C	Sub Total (C=A+B)				168,206.31
D	T&P @ 2% of C				3,364.13
E	Contigency @ 3% of C				5,046.19
F	Transportation @ 7.5% of C				12,615.47
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				5427.49
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				5965.65
J	Total				200,625.24
11	Padding and Concreting materials for support	Nos.	3	2,837.90	8,513.70
	Total Rs.				209,138.94
B	11KV METERING UNIT				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	35129.38	70258.76

2	MS Channel 100x50x6 mm	Kg	162.52	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	1633.00	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	1491.00	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	1491.00	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**				**148,407.75**
B	**B. Stock, Storage & Insurance @ 3% of A**				**4,452.23**
C	**Sub Total (C=A+B)**				**152,859.98**
D	**T&P @ 2% of C**				**3,057.20**
E	**Contigency @ 3% of C**				**4,585.80**
F	**Transportation @ 7.5% of C**				**11,464.50**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**3618.33**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**8049.35**
J	**Total**				**183,635.16**
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.				**199,387.46**
C	**11 KV SP CUT POINT**				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	35129.38	70258.76
1	75x40x6 mm Channel for Straight cross arm	Kg	65.28	92.30	6,025.34
2	11 KV Disc insulator B&S polymer type 70 KN	No	12	1633.00	19,596.00
3	11 KV H/W fitting polymer type	Pair	12	497.00	5,964.00
4	11 KV Pin Insulator Polymer	No	6	284.00	1,704.00
5	HT Stay Set (Complete)	Set	8	1491.00	11,928.00
6	HT Stay Insulator	No.	8	71.00	568.00
7	HT Stay Clamp	Pair	8	177.50	1,420.00
8	7/10 SWG Stay Wire ,7/3.25 mm	Kg	80	106.50	8,520.00
9	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	10	110.76	1107.6
10	Earthing support coil type	No	2	235.72	471.44

A	**A. Sub total**				**127,563.14**
B	**B. Stock, Storage & Insurance @ 3% of A**				**3,826.89**
C	**Sub Total (C=A+B)**				**131,390.04**
D	**T&P @ 2% of C**				**2,627.80**
E	**Contigency @ 3% of C**				**3,941.70**
F	**Transportation @ 7.5% of C**				**9,854.25**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**3618.33**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**5,902.35**
J	**Total**				**157,334.47**
11	Concrete materials for stay anchor plate	M3	8	1,653.00	13,224.00
12	Padding and concreting material for Support	M3	2	2,837.90	5,675.80
	Total Rs.				**176,234.27**
II	**INSTALLATION OF 250 KVA S/S.**				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	35129.38	70258.76
2	250 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II	No	1	626121.70	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	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 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	16827.00	16,827.00
12	11 KV DD Fuse 3 Pole	No	1	6678.78	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	1391.60	4,174.80
15	Conductor ACSR PVC(61.7 Sq. mm)	Mtr.	20	84.24	1684.80
16	HT Stay set complete	Set	2	1491.00	2982.00
17	7/10 SWG Stay wire	Kg	20	106.50	2130.00
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	1491.00	7455.00
21	GI Pipe (100 mm)	Mtr.	3	710.00	2130.00
22	HDPE Pipe(25 mm)	Mtr.	15	56.80	852.00
23	1.1 KV 4 core 300 sq. mm XLPE Cable	Mtr.	23	557.08	12812.84
24	1 core 300 sq. mm LT XLPE Cable(Armoured)	Mtr.	32	208.74	6679.68
25	Gland for Armoured Cable(4Cx300 sq. mm XLPE Cable)	No.	4	494.82	1979.28
26	LT Distribution Box with MCCB,Aluminium Bus bar.	No	1	68160.00	68160.00
27	Al. cable socket	No	80	21.30	1704.00
28	Al. cable socket 95 sq. mm	No	16	28.40	454.40
29	GI Nuts, Bolts & washers	Kg	25	110.76	2769.00
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**				**876,299.90**
B	**B. Stock, Storage & Insurance @ 3% of A**				**26,289.00**
C	**Sub Total (C=A+B)**				**902,588.90**
D	**T&P @ 2% of C**				**18,051.78**
E	**Contigency @ 3% of C**				**27,077.67**
F	**Transportation @ 7.5% of C**				**67,694.17**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**35863.59**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**18531.69**
J	**Total**				**1,069,807.79**
32	Fabrication & Galvanisation	**Kg**	262	13.00	3,406.00
33	Concrete material for stay anchor plate	No	2	1653.00	**3306.00**
34	Padding and Concreting materials for support	No	2	2837.97	**5675.94**
35	Plinth for 250 KVA transformer	No	1	22034.00	**22034.00**
36	Cost of Fencing ,metal spreading with MS grill gate.	No	1	92622.57	**92622.57**
37	Earthing pit for Pipe earthing	No	5	3700.00	**18500.00**
	Total Rs.				**1,215,352.30**
	Sub Total Rs.				**1,800,112.97**
	Cess @1%				**18001.13**
	Total Estimated Cost				**1,818,114.10**
	Total Estimated Cost in Figures				**1,818,114.00**
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)