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 :- 10 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO BUS STAND (C-TYPE) (ATAL BUS STAND SCHEME) AT BEHERAPATI UNDER NARLA BLOCK IN THE DISTRICT OF KALAHANDI.

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	12	35129.38	421552.56
2	100 sq. mm insulated covered Un-armoured AAAC	Mtr.	1854	127.80	236941.2
3	11 KV 'V' cross arm(10.2 Kg each)	No.	12	1150.20	13802.4
4	GI Back clamp for 11 KV V Cross Arm	No.	12	113.60	1363.2
5	Top F clamp for PSC Pole ,2.9 Kg	No.	12	340.80	4089.6
6	11 KV Pin Insulator Polymer	No	36	284.00	10,224.00
7	Earthing support coil type	No	12	235.72	2,828.64
8	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	19	110.76	2104.44
9	GI barbed wire/Anticlimbing device	No	24	113.60	2,726.40
10	Danger plate	No	12	113.60	1,363.20
A	**A. Sub total**				**696,995.64**
B	**B. Stock, Storage & Insurance @ 3% of A**				**20,909.87**
C	**Sub Total (C=A+B)**				**717,905.51**
D	**T&P @ 2% of C**				**14,358.11**
E	**Contigency @ 3% of C**				**21,537.17**
F	**Transportation @ 7.5% of C**				**53,842.91**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**21709.96**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**28370.64**
J	**Total**				**857,724.30**
11	Padding and Concreting materials for support	Nos.	12	2,837.90	34,054.80
	Total Rs.				**891,779.10**
B	**11 KV DP WITH 1 NO. OF AB SWITCH**				
1	13 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	4	41516.54	166066.16
2	MS Channel 100x50x6 mm	Kg	130	92.30	11,999.00
3	MS channel 75x40x6 mm	Kg	198	92.30	18,275.40
4	MS Angle 50x50x6 mm	Kg	99	92.30	9,137.70
5	Fish Plate 50x6 mm	Nos.	8	132.06	1,056.48

6	11 KV Disc insulator B&S polymer type 70 KN	No	12	1633.00	19,596.00
7	11 KV H/W fitting polymer type	Pair	12	497.00	5,964.00
8	PG clamp for 100 sq. mm AAAC	No	12	823.60	9,883.20
9	GI Flat 50x6 mm	Kg	38	106.50	4,047.00
10	GI Flat 25x6 mm	Kg	36	106.50	3,834.00
11	11 KV AB Switch(400 Amp, 3 pole)	Set	2	16827.00	33,654.00
12	11 KV HG Fuse 3 Pole, 200 Amp with PI)	No	2	8690.40	17,380.80
13	11 KV Lightning Arrester(9 KV,5 KA)	EA	6	1391.60	8,349.60
14	11 KV Pin Insulator Polymer	No	6	284.00	1,704.00
15	HT Stay Set (Complete)	Set	8	1491.00	11,928.00
16	HT Stay Insulator	No.	8	71.00	568.00
17	HT Stay Clamp	Pair	8	177.50	1,420.00
18	7/10 SWG Stay Wire ,7/3.25 mm	KG	46	106.50	4,899.00
19	7/8 SWG GI Wire for earthing	KG	64	106.50	6,816.00
20	Earthing support coil type	EA	6	235.72	1,414.32
21	Pipe HDPE	Mtr.	18	56.80	1,022.40
22	Al cable socket 70 sq. mm	Nos.	12	21.30	255.60
23	Al cable socket 95 sq. mm	Nos.	12	28.40	340.80
24	Materials for Masonary work for earth pit	No.	6	568.00	3,408.00
25	Charcoal, salt etc for earthing	Kg	12	639.00	7,668.00
26	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	56	110.76	6202.56
27	GI barbed wire/Anticlimbing device	No	8	113.60	908.80
28	Danger plate	No	4	113.60	454.40
A	**A. Sub total**				**358,253.22**
B	**B. Stock, Storage & Insurance @ 3% of A**				**10,747.60**
C	**Sub Total (C=A+B)**				**369,000.82**
D	**T&P @ 2% of C**				**7,380.02**
E	**Contigency @ 3% of C**				**11,070.02**
F	**Transportation @ 7.5% of C**				**27,675.06**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**8552.41**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**19795.27**
J	**Total**				**443,473.60**
29	Fabrication and Galvanisation	Kg	428	13.00	5,564.00
30	Concrete material for stay anchor plate	Nos.	8	1,653.00	13,224.00
31	Padding and Concreting materials for support	Nos.	4	2,837.90	11,351.60
	Total Rs.				**473,613.20**
C	**11 KV LINE AAAC TAPPING ON RSJ POLE**				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	1	35129.38	35129.38
2	75x40x6 mm Channel for Straight cross arm	Kg	32.64	92.30	3,012.67
3	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1150.20	1150.2
4	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.6
5	11 KV F Clamp,2.9 Kg each	No.	1	340.80	340.8
6	11 KV Disc insulator B&S polymer type 70 KN	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	11 KV Pin Insulator Polymer	No	5	284.00	1,420.00

10	HT Stay Set (Complete)	Set	2	1491.00	2,982.00
11	HT Stay Insulator	No.	2	71.00	142.00
12	HT Stay Clamp	Pair	2	177.50	355.00
13	7/10 SWG Stay Wire ,7/3.25 mm	KG	20	106.50	2,130.00
14	Nut , Bolt & Washer of different sizes	Kg	5	106.50	532.5
15	Earthing support coil type	No	1	235.72	235.72
A	**A. Sub total**				**56,404.67**
B	**B. Stock, Storage & Insurance @ 3% of A**				**1,692.14**
C	**Sub Total (C=A+B)**				**58,096.81**
D	**T&P @ 2% of C**				**1,161.94**
E	**Contigency @ 3% of C**				**1,742.90**
F	**Transportation @ 7.5% of C**				**4,357.26**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**1809.16**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**2,191.35**
J	**Total**				**69,359.42**
16	Fabrication and galvanisation	Kg	32.64	13.00	424.32
17	Concrete material for stay anchor plate	Nos.	2	1,653.00	3,306.00
18	Padding and Concreting materials for support	Nos.	1	2,837.90	2,837.90
	Total Rs.				**75,927.64**
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	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 XLPE Cable(Armoured)	Mtr.	32	208.74	6679.68
25	Gland for 300 sq. mm cable	Nos.	4	494.82	1979.28
26	LT Distribution Box with MCCB,Aluminium Bus bar.	No	1	68160.00	68160.00
27	Al. cable socket 70 sq. mm	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**				**18531.7**
J	**Total**				**1,069,807.80**
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.				**1,215,352.31**
	Sub Total Rs.				**2,656,672.25**
	Cess @1%				**26566.72**
	Total Estimated Cost				**2,683,238.97**
	Total Estimated Cost in Figures				**2,683,239.00**
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)