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 :- 08 AS PER IFB

NAME OF THE WORK :- EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO ATAL BUS STAND AT KARLAMUNDA 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.
PART-A	SHIFTING AND RECONSTRUCTION OF 33 KV LINE				
1	13 Mtr. Long 150X150 mm GI Joist Pole	No	11	47903.70	526940.70
2	148 Sq. mm AAA single Insulated conductor for 33 KV Line	Mtr.	1236	213.94	264429.84
3	Acessories for single pole cut point(Except cost of pole)	No	2	42822.74	85645.48
4	Acessories for Double pole cut point(Except cost of pole)	No	3	78217.79	234653.37
5	Acessories for 33 KV Intermediate Pole	No	3	6250.84	18752.52
6	HT Stay Set (Complete)	Set	8	1491.00	11,928.00
7	HT Stay Insulator	No.	8	71.00	568.00
8	HT Stay Clamp	Pair	8	177.50	1,420.00
9	7/10 SWG Stay Wire ,7/3.25 mm	Kg	56	106.50	5,964.00
10	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	32	110.76	3544.32
11	Fabrication and galvanisation	Kg	46	177.50	8,165.00
12	Earthing support coil type	No	11	235.72	2,592.92
13	Sundries(Paint, danger Board, clamp, connectors, anticlimbing Device, binding Tape	No	11	3105.91	34165.01
A	TOTAL MATERIAL COST IN RS				1198769.16
B	Stock,storage and insurance (@3% on A)				35963.07
C	TOTAL RS.				1234732.23
D	T&P @ 2% of C				24694.64
E	Contigency @ 3% of C				37041.97

F	Transportation @ 7.5% of C				92604.92
G	Erection charges of Joist Pole and Transformer @ 5%				27137.45
H	Erection charges of PSc Pole@ 20%				
I	Erection charges for other materials@ 10%				69198.33
	Total Rs.Part-A				1,485,409.54
14	Concrete materials for stay anchor plate	No	8	1653.00	13224.00
15	Padding and Concreting materials for support	No	11	2963.10	32594.10
	Total Rs.Part-B				45818.10
	Total Rs.(PART-A)				**1,531,227.64**
PART-B	**CONSTRUCTION OF 11 KV LINE AND 250 KVA S/S**				
I	**CONSTRUCTION OF 11 KV LINE .**				
A	**11 KV LINE AAAC TAPPING ON RSJ POLE**				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	Nos.	1	35,129.38	35,129.38
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**
B	**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 insulated covered AAAC	Mtr.	401.7	127.80	51337.26
3	MS Channel 100x50x6 mm	Kg	11.96	92.30	1,103.91
4	MS channel 75x40x6 mm	Kg	8.84	92.30	815.93
5	Fish Plate 50x6 mm	No.	1	132.06	132.06
6	GI Flat 50x6 mm	Kg	3.12	106.50	332.28
7	GI Flat 25x6 mm	Kg	2.34	106.50	249.21
8	11 KV 'V' cross arm(10.2 Kg each)	No.	2	1150.20	2300.4
9	GI Back clamp for 11 KV V Cross Arm	No.	2	113.60	227.2
10	Top F clamp for PSC Pole ,2.9 Kg	No.	2	340.80	681.6
11	11 KV Disc insulator polymer type 70 KN(B&S)	No	2	1633.00	3,266.00
12	11 KV H/W fitting polymer type	Pair	2	497.00	994.00
13	PG clamp for 100 sq. mm AAAC	No.	2	823.60	1,647.20
14	11 KV Pin Insulator Polymer	No	8	284.00	2,272.00
15	HT Stay Set (Complete)	Set	2	1491.00	2,982.00
16	HT Stay Insulator	No.	2	71.00	142.00
17	HT Stay Clamp	Pair	2	177.50	355.00
18	7/10 SWG Stay Wire ,7/3.25 mm	KG	10.92	106.50	1,162.98
19	7/8 swg GI wire	KG	5.59	106.50	595.34
20	40 mm Nominal bore GI pipe(Medium Gauge)	No	1	1491.00	1491.00
21	Earthing support coil type	No	2	235.72	471.44
22	HDPE Pipe	Mtr.	1.56	56.80	88.61
23	Al. cable socket 70 sq. mm	No	1	21.30	21.30
24	Material for Masonary work, earth pit etc.	No.	1	568.00	568.00
25	Charcoal, salt etc. earthing	Kg	1.04	639.00	664.56
26	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	5.59	110.76	619.1484
27	GI barbed wire/Anticlimbing device	Kg	5.72	113.60	649.79
28	Danger plate	No	3	113.60	340.80
A	**A. Sub total**				**180,899.15**
B	**B. Stock, Storage & Insurance @ 3% of A**				**5,426.97**
C	**Sub Total (C=A+B)**				**186,326.13**
D	**T&P @ 2% of C**				**3,726.52**
E	**Contigency @ 3% of C**				**5,589.78**
F	**Transportation @ 7.5% of C**				**13,974.46**
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**				**7777.63**
J	**Total**				**222,822.01**
29	Fabrication & Galvanisation	**Kg**	8.486	13.00	110.32
30	Concrete material for stay anchor plate	Nos.	2	1,653.00	3,306.00

31	Padding and Concreting materials for support	Nos.	3	2,837.90	8,513.70
	Total Rs.				**234,752.03**
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 Arm (4 core x 300 sq. mm XLPE 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	Economic Brick Design fencing	No	1	92622.57	**92622.57**
	Earthing pit for pipe earthing	No	5	3700.00	**18500.00**
	Total Rs.				**1,215,352.31**
	Total Rs.(PART-B)				**1,526,031.98**
	Sub Total Rs.(PART-A+PART-B)				**3,057,259.63**
	Cess @1%				**30572.60**
	Total Estimated Cost				**3,087,832.23**
	Total Estimated Cost in Figures				**3,087,832.00**
EXCESS	☐ LESS ☐ lease 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)