

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 :- 07 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO AMA BUS STAND AT KHAPRAKHOL IN THE DISTRICT OF BOLANGIR.

BID REF NO :-67/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 AAAC				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	13	35129.38	456681.94
2	13 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	41516.54	83033.08
3	100 sq. mm AAAC	Mtr.	2008.5	78.10	156863.85
4	MS Channel 100x50x6 mm	Kg	59.8	92.30	5,519.54
5	MS channel 75x40x6 mm	Kg	44.2	92.30	4,079.66
6	Fish Plate 50x6 mm	Nos.	5	132.06	660.30
7	GI Flat 50x6 mm	Kg	15.6	106.50	1,661.40
8	GI Flat 25x6 mm	Kg	11.7	106.50	1,246.05
9	11 KV 'V' cross arm(10.2 Kg each)	No.	12	1150.20	13802.4
10	GI Back clamp for 11 KV V Cross Arm	No.	12	113.60	1363.2
11	Top F clamp for PSC Pole ,2.9 Kg	No.	12	340.80	4089.6
12	11 KV Disc insulator B&S polymer type 70 KN	No	8	1633.00	13,064.00
13	11 KV H/W fitting polymer type	Pair	8	497.00	3,976.00
14	PG clamp for 100 sq. mm AAAC	No	8	823.60	6,588.80
15	11 KV Pin Insulator Polymer	No	39	284.00	11,076.00
16	HT Stay Set (Complete)	Set	8	1491.00	11,928.00

17	HT Stay Insulator	No.	8	71.00	568.00
18	HT Stay Clamp	Pair	8	177.50	1,420.00
19	7/10 SWG Stay Wire ,7/3.25 mm	KG	54.6	106.50	5,814.90
20	7/8 SWG GIWire for earthing	KG	27.95	113.60	3,175.12
21	Earthing support coil type	No	12	235.72	2,828.64
22	GI Pipe for earthing 40mm dia 3mtr long	EA	3	1491.00	4,473.00
23	Pipe HDPE	Mtr.	7.8	56.80	443.04
24	Al cable socket 70 sq. mm	Nos.	5	21.30	106.50
25	Materials for Masonary work for earth pit	No.	3	568.00	1,704.00
26	Charcoal, salt etc for earthing	Kg	5.2	639.00	3,322.80
27	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	27.95	110.76	3095.742
28	GI barbed wire/Anticlimbing device	Kg	28.6	113.60	3,248.96
29	Danger plate	No	14	113.60	1,590.40
A	A. Sub total				807,424.92
B	B. Stock, Storage & Insurance @ 3% of A				24,222.75
C	Sub Total (C=A+B)				831,647.67
D	T&P @ 2% of C				16,632.95
E	Contingency @ 3% of C				24,949.43
F	Transportation @ 7.5% of C				62,373.58
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				27795.32
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				27574.12
J	Total				990,973.07
20	Fabrication and galvanisation	Kg	42.432	13.00	551.62
30	Concrete material for stay anchor plate	Nos.	7.8	1,653.00	12,893.40
31	Padding and Concreting materials for support	Nos.	15	2,837.90	42,568.50
	Total Rs.				1,046,986.58
B	11 KV SP CUT POINT				
1	75x40x6 mm Channel for Straight cross arm	Kg	32.64	92.30	3,012.67
2	11 KV Disc insulator B&S polymer type 70 KN	No	6	1633.00	9,798.00

3	11 KV H/W fitting polymer type	Pair	6	497.00	2,982.00
4	11 KV Pin Insulator Polymer	No	3	284.00	852.00
5	HT Stay Set (Complete)	Set	4	1491.00	5,964.00
6	HT Stay Insulator	No.	4	71.00	284.00
7	HT Stay Clamp	Pair	4	177.50	710.00
8	7/10 SWG Stay Wire ,7/3.25 mm	Kg	40	106.50	4,260.00
9	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	5	110.76	553.8
10	Earthing support coil type	No	1	235.72	235.72
A	A. Sub total				28,652.19
B	B. Stock, Storage & Insurance @ 3% of A				859.57
C	Sub Total (C=A+B)				29,511.76
D	T&P @ 2% of C				590.24
E	Contingency @ 3% of C				885.35
F	Transportation @ 7.5% of C				2,213.38
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				2,951.18
11	Concrete material for stay anchor plate	Nos.	6	1,653.00	9,918.00
J	Total				46,069.90
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	Contingency @ 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 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	Contingency @ 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
34	Fabrication & Galvanisation	Kg	262	13.00	3,406.00

35	Concrete material for stay anchor plate	No	2	1653.00	3306.00
36	Padding and Concreting materials for support	No	2	2837.97	5675.94
37	Plinth for 250 KVA transformer	No	1	22034.00	22034.00
38	Economic Brick Design fencing	No	1	92622.57	92622.57
39	Earthing pit for pipe earthing	No	5	3700.00	18500.00
	Total Rs.				1,215,352.31
	Sub Total Rs.				2,384,336.44
	Cess @1%				23843.36
	Total Estimated Cost				2,408,179.80
	Total Estimated Cost in Figures				2,408,180.00
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)