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 ATS & ADTS BUILDING AT BARGARH IN THE DISTRICT OF BARGARH.

BID REF NO :-78/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 WITH DP STRUCTURE				
1	13 Mtr. Long WPB Pole	Nos.	10	41536.00	415360.00
2	100 sq. mm insulated covered Un-armoured AAAC	Km	1.103	127800.00	140899.50
3	MS Channel 100x50x6 mm	Kg	92	92.30	8491.60
4	MS channel 75x40x6 mm	Kg	68	92.30	6276.40
5	MS angle 50x50x6 mm	Kg	72	92.30	6645.60
6	Fish Plate 50x6 mm	Kg	8	106.50	852.00
7	GI Flat 50x6 mm	Kg	29	106.50	3088.50
8	GI Flat 25x6 mm	Kg	30	106.50	3195.00
9	11 KV 'V' cross arm(10.2 Kg each)	No.	6	1150.20	6901.20
10	GI Back clamp for 11 KV V Cross Arm	No.	6	113.60	681.60
11	Top F clamp for PSC Pole ,2.9 Kg	No.	6	340.80	2044.80
12	11 KV Disc insulator B&S polymer type 70 KN	No	12	1633.00	19596.00
13	11 KV H/W fitting polymer type	Pair	12	497.00	5964.00
14	PG clamp for 100 sq. mm AAAC	No	12	823.60	9883.20
15	11 KV HG Fuse (200 A, 3 Pole)with PI	No	1	8690.40	8690.40
16	11 KV Pin Insulator Polymer	No	24	284.00	6816.00
17	HT Stay Set (Complete)	Set	9	1491.00	13419.00
18	HT Stay Insulator	No.	9	71.00	639.00
19	HT Stay Clamp	Pair	9	177.50	1597.50

20	7/10 SWG Stay Wire ,7/3.25 mm	KG	63	106.50	6709.50
21	7/8 SWG GIWire for earthing	KG	65	106.50	6922.50
22	Earthing support coil type	No	6	235.72	1414.32
23	GI Pipe for earthing 40mm dia 3mtr long	EA	2	1491.00	2982.00
24	Pipe HDPE	Mtr.	6	56.80	340.80
25	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	25	110.76	2769.00
26	GI barbed wire/Anticlimbing device	Kg	20	113.60	2272.00
27	Danger plate	No	10	113.60	1136.00
28	Fabrication and Galvanisation	Kg	232	14.20	3294.40
29	Cradle guard Arrangement	No.	1	11104.80	11104.80
	11KV METERING UNIT				0.00
30	13 Mtr. Long WPB Pole	Nos.	2	41536.00	83072.00
31	Pole Clamp	No	1	284.00	284.00
32	Eye Hook	No	1	85.20	85.20
33	11 KV LA	No	3	5041.00	15123.00
34	GI Channel 100x50x6 mm	Kg	46	106.50	4899.00
35	GI channel 75x40x6 mm	Kg	72	106.50	7668.00
36	GI angle 50x50x6 mm	Kg	36	106.50	3834.00
37	Fish Plate 50x6 mm	Kg	4	106.50	426.00
38	GI Flat 50x6 mm	Kg	15	106.50	1597.50
39	GI Flat 25x6 mm	Kg	30	106.50	3195.00
40	HT Stay Set (Complete)	Set	2	1491.00	2982.00
41	HT Stay Insulator	No.	2	71.00	142.00
42	HT Stay Clamp	Pair	2	177.50	355.00
43	7/10 SWG Stay Wire ,7/3.25 mm	KG	14	106.50	1491.00
44	GI Pipe for earthing 40mm dia 3mtr long	EA	2	1491.00	2982.00
45	Pipe HDPE	Mtr.	6	56.80	340.80
46	GI Nut, Bolt & washers of different sizes	Kg	12	110.76	1329.12
47	GI barbed wire/Anticlimbing device	Kg	4	113.60	454.40
48	Danger plate	No	2	113.60	227.20
49	Fabrication and Galvanisation	Kg	154	14.20	2186.80
50	10 core 2.5 sq. mm control cable for MU	Mtr.	30	350.88	10526.40
A	**A. Sub total**				**843,187.04**
B	**B. Stock, Storage & Insurance @ 3% of A**				**25,295.61**
C	**Sub Total (C=A+B)**				**868,482.65**
D	**T&P @ 2% of C**				**17,369.65**
E	**Contigency @ 3% of C**				**26,054.48**
F	**Transportation @ 7.5% of C**				**65,136.20**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**25669.25**
H	**Erection Charges @ 20% on PSC Poles**				

I	Erection Charges @ 10% for other materials				35509.77
J	Total				1,038,222.00
51	Earthing pit for pipe earthing	No.	4	3,425.03	13,700.12
52	Concrete materials for stay anchor plate	No.	11	1,653.00	18,183.00
53	Padding and concreting material for Support	No.	12	2,837.90	34,054.80
54	Cubicle room	No	1	70800.00	**70800.00**
	Total Rs.				**1,174,959.92**
B	**11 KV SP CUT POINT**				
1	75x40x6 mm Channel for Straight cross arm	Kg	97.92	92.30	9,038.02
2	11 KV Disc insulator B&S polymer type 70 KN	No	18	1633.00	29,394.00
3	11 KV H/W fitting polymer type	Pair	18	497.00	8,946.00
4	11 KV Pin Insulator Polymer	No	9	284.00	2,556.00
5	HT Stay Set (Complete)	Set	12	1491.00	17,892.00
6	HT Stay Insulator	No.	12	71.00	852.00
7	HT Stay Clamp	Pair	12	177.50	2,130.00
8	7/10 SWG Stay Wire ,7/3.25 mm	Kg	120	106.50	12,780.00
9	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	15	110.76	1661.4
10	Earthing support coil type	No	3	235.72	707.16
A	**A. Sub total**				**85,956.58**
B	**B. Stock, Storage & Insurance @ 3% of A**				**2,578.70**
C	**Sub Total (C=A+B)**				**88,535.27**
D	**T&P @ 2% of C**				**1,770.71**
E	**Contigency @ 3% of C**				**2,656.06**
F	**Transportation @ 7.5% of C**				**6,640.15**
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**				**8,853.53**
J	**Total**				**108,455.71**
II	**INSTALLATION OF 250 KVA S/S.**				
1	10 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	31935.80	63871.6
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	103	92.30	9,506.90
4	MS channel 75x40x6 mm	Kg	184	92.30	16,983.20
5	MS angle 50x50x6 mm	Kg	57	92.30	5,261.10
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	4	1491.00	5964.00
17	7/10 SWG Stay wire	Kg	50	106.50	5325.00
18	HT Stay Insulator	No.	4	71.00	284.00
19	HT stay clamp	Pair	4	177.50	710.00
20	40 mm Nominal bore GI pipe(Medium Gauge)	No	9	1491.00	13419.00
21	Earthing support coil type	No	1	235.72	235.72
22	GI Pipe (100 mm)	Mtr.	3	710.00	2130.00
23	HDPE Pipe	Mtr.	15	56.80	852.00
24	1.1 KV 4 core 95 sq. mm XLPE Cable	Mtr.	23	523.88	12049.24
25	1 core 95 sq. mm XLPE Cable(Armoured)	Mtr.	32	208.74	6679.68
26	LT Distrubution Box with MCCB, Aluminim Busbar of 3 Bay with kit kat Fuse for 250 KVA S/S.	No	1	68160.00	68160.00
27	LT Distrubution Box with MCCB, Aluminim Busbar of 2 Bay with kit kat Fuse .	No	1	34674.98	34674.98
28	Al. cable socket 70 sq. mm	No	80	21.30	1704.00
29	Al. cable socket 95 sq. mm	No	16	28.40	454.40
30	GI Nuts, Bolts & washers	Kg	25	110.76	2769.00
31	Material for Masonary work for earth pit	No	5	568.00	2840.00
32	Charcoal, salt etc. for earthing	Kg	10	639.00	6390.00
33	GI barbed wire for Anticlimbing	Kg	6	113.60	681.60
34	Danger Plate	No	3	113.60	340.80
A				**A. Sub total**	**931,857.96**
B				**B. Stock, Storage & Insurance @ 3% of A**	**27,955.74**
C				**Sub Total (C=A+B)**	**959,813.70**
D				**T&P @ 2% of C**	**19,196.27**
E				**Contigency @ 3% of C**	**28,794.41**
F				**Transportation @ 7.5% of C**	**71,986.03**
G				**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**	**35534.65**
H				**Erection Charges @ 20% on PSC Poles**	
I				**Erection Charges @ 10% for other materials**	**24912.06**
J				**Total**	**1,140,237.12**
35	Fabrication & Galvanisation	**Kg**	344	13.00	4,472.00
36	Concrete material for stay anchor plate	No	4	1653.00	**6612.00**
37	Padding and Concreting materials for support	No	2	2837.97	**5675.94**
38	Plinth for 250 KVA transformer	No	1	22034.00	**22034.00**
39	Boundary wall with metal spreading	No	1	104661.00	**104661.00**

40	Cubicle room	No	1	70800.00	**70800.00**
	Total Rs.				**1,354,492.06**
	Sub Total Rs.				**2,637,907.69**
III	**LT Line**				
1	Bolt & Nut GI 16x55 mm	Kg	10	110.76	1107.60
2	9 Mtr. Long 100x116 mm RS joist Pole(23 Kg/Mtr.)Including 5 Nos. Strut Pole	No.	22	19106.10	420334.20
3	1.1 KV 3C×50 mm² +1C×35 mm²+1CX16 mm² (LT AB Cable)	Km	0.520	198800.00	103433.65
4	Piercing Connector LT Type A	No	10	113.6	1136.00
5	Pole Clamp	No	21	284.00	5964.00
6	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	10	92.30	923.00
7	Suspension Clamp with EYE hook for ABC	No	11	482.80	5310.80
8	Neutral Connector	No	10	46.86	468.60
9	7/12 SWG GI stay wire, Grade -2	Kg	50	106.50	5325.00
10	LT stay Clamp (1.40Kg/pair)	Pair	5	156.20	781.00
11	LT Stay insulator	No	5	42.60	213.00
12	GI Pipe earthing	No	3	1491.00	4473.00
13	Coil Earthing	No	14	235.72	3300.08
14	No-8 GI wire for earthing	Kg	6	113.6	662.07
15	LT Stay set Complete	Set	5	738.40	3692.00
16	Sundries	Ls	1	1200.00	1200.00
A	**A. Sub total**				**558,324.00**
B	**B. Stock, Storage & Insurance @ 3% of A**				**16,749.72**
C	**Sub Total (C=A+B)**				**575,073.72**
D	**T&P @ 2% of C**				**11,501.47**
E	**Contigency @ 3% of C**				**17,252.21**
F	**Transportation @ 7.5% of C**				**43,130.53**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**21467.21**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**14,212.20**
J	**Total**				**682,637.35**
17	Concrete materials for stay anchor plate	No.	5	1,653.00	8,265.00
18	Padding and concreting material for Support	No.	22	2,837.90	62,433.80
	Total Rs.				**753,336.15**
1	Supply and laying of 150 sq.mm 3.5 core PVC Al. Arm Cableof 1.1 KV grade ISI Marked direct in ground including excavation , sand cushioning ,protective covering and refilling the trench etc. as required. (Sl. No-25 sl no- 5.1.2)(MAKE CABLE - FINOLEX/ HAVELLS/ POLYCAB/ KEI)	Mtr	34	979.52	33,303.68
2	End termination kit for 150 sq. mm cable	No	4	593.00	2,372.00

3	Supply and laying of 70 sq.mm 3.5 core PVC Al. Arm Cableof 1.1 KV grade ISI Marked direct in ground including excavation , sand cushioning ,protective covering and refilling the trench etc. as required. (Sl. No-25 sl no- 5.1.2)(MAKE CABLE - FINOLEX/ HAVELLS/ POLYCAB/ KEI)	Mtr	30	515.40	15,462.00
4	End termination kit for 70 sq. mm cable	No	4	466.00	1,864.00
5	Supply and Laying of HDPE Pipe(110 mm dia)	Mtr.	32	489.00	15,648.00
6	providing and fixing 8 SWG(4mm)dia copper wire on surface or in recess for loop earthing as required (sl no-3.18)	Rft.	60	₹ 31.88	1,912.80
	Total Rs.				70,562.48
	Sub Total Rs.				3,461,806.32
	Cess @1%				**34618.06**
	Total Estimated Cost				**3,496,424.39**
	Total Estimated Cost in Figures				**3,496,424.00**
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)