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 :- 02 AS PER IFB

NAME OF THE WORK :-EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO BUS STAND AT UPPER BARUAN ("C" TYPE) (PHASE-II OF ABS SCHEME) IN THE DISTRICT OF JAJPUR.

BID REF NO :-54/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**				
1	WPB (GI) Pole 160x160 (11 Mtr. Long)30.4 Kg/Mtr.	No.	2	37,762.42	75,524.84
2	11 KV Pin Insulator polymer	No.	3	300.74	902.22
3	11 KV B&S Hardware (70KN)	set	6	526.30	3,157.80
4	Disc insulator(B&S)70 KN Polymer	No	6	1,729.26	10,375.56
5	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5,337.89	16,013.67
6	AB switch 11 KV 400A 3 pole, 50 Hz	Set	1	17,818.66	17,818.66
7	Earthing support coil type	No	2	249.61	499.22
8	100X50X6mm Top Channel 9.56 Kg/Mtr.	Kg.	64.052	112.78	7,223.78
9	Fish plate GI channel 50x6 mm ,2.36 Kg/Mtr.	Kg	3.965	112.78	447.17
10	Double Pole Belting Channel 75x40x4.8 mm	Kg.	134.232	112.78	15,138.68
11	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	63.21	112.78	7,128.82
12	Danger Plate	No	2	120.30	240.60
13	Back clamp for Danger Plate,25x3 mm flat	No	0.62	112.78	69.92
14	HT stay set complete	Pair	2	1,578.89	3,157.78
15	HT Stay Insulator	No.	2	75.19	150.38
16	HT stay clamp	Pair	2	187.96	375.92
17	7/10 SWG Stay wire	Kg	30	112.78	3,383.40
18	GI Pipe for earthing 40mm dia 3mtr long	EA	2	1,578.89	3,157.78
19	50x6 mm GI Flat for earthing	Kg	48.38	112.78	5,456.30
20	Aniclimbing device made of GI barbed wire, clamping arrangement etc.(2 Kg per support)	Kg	6	120.30	721.80

21	Back clamp for Anticlimbing Device	Kg	2.48	112.78	279.69
22	GI nut,bolt & washer	Kg	12.26	117.29	1,437.98
23	Black paint	Ltr.	1	330.81	330.81
24	Yellow colour paint for Back ground	Ltr.	2	162.00	324.00
A	**TOTAL MATERIAL COST**				**173,316.80**
B	**Stock, Storage & Insurance @ 3% of A**				**5,199.50**
C	**Sub Total (C=A+B)**				**178,516.30**
D	**Contingency @3% of C**				**5,355.49**
E	**T & P 2% of C**				**3,570.33**
F	**Transportation @ 7.5% of C**				**13,388.72**
G	**Erection Charges for PSC Pole @ 20%**				
H	**Erection Charges of DTR and Joist Poles @ 5%**				**3,889.53**
I	**Erection Charges of other @ 10%**				**9,019.31**
J	**Sub Total**				**213,739.68**
25	Fixing of 11 KV Line complete Set	Set	2	2,301.53	4,603.06
26	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.9	6,500.00	5,850.00
27	Couping ratio 1:1:5:3(500x500x1500)	M3	0.26	6,500.00	1,690.00
28	Construction of earth chamber	No	2	4,603.05	9,206.10
	Total Rs.				**235,088.84**
II	**INSTALLATION OF 250 KVA S/S.**				
1	WPB (GI) Pole 160x152 (11 Mtr. Long)30.4 Kg/Mtr.	No.	2	37,762.42	75,524.84
2	Top GI Channel 100x50x6 mm	Kg	64.052	112.78	7,223.78
3	Fish plate GI channel 50x8 mm ,0.280 Mtr. Each	Kg	3.965	112.78	447.17
4	Double Pole Belting Channel 75x40x4.8 mm	Kg.	188.639	112.78	21,274.71
5	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	43.146	112.78	4,866.01
6	GI Flat 50x6 mm	Kg	154.816	112.78	17,460.15
7	250 KVA 11/0.4 KV(CU)Transformer BIS Energy Level-II	No.	1	663,020.43	663,020.43
8	LT Distrubution Box with MCCB, Aluminim Busbar of 3 Bay with kit kat Fuse for 250 KVA S/S.	No	1	72,177.60	72,177.60
9	55 sq. mm AAAC	Mtr.	50	63.59	3,179.50
10	1 Cx 630 sq. mm LT XLPE cable(Un Armoured)	Mtr	120	762.60	91,512.00
11	AB switch 11 KV 200A 2 pole Horizontal	Set	1	11,051.68	11,051.68
12	Fuse Horn Gap 11 KV 2 pole complete 200A	Set	1	9,202.22	9,202.22

13	PG Clamp for 55 sq. mm AAAC	No.	6	721.78	4,330.68
14	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1,729.26	5,187.78
15	11 KV H/W fitting polymer type	Pair	3	526.30	1,578.90
16	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5,337.89	16,013.67
17	11 KV pin insulator Polymer	No.	3	300.74	902.22
18	HT stay set complete	Pair	2	1,578.89	3,157.78
19	HT Stay Insulator	No.	2	75.19	150.38
20	HT stay clamp	Pair	2	187.96	375.92
21	7/10 SWG Stay wire	Kg	30	112.78	3,383.40
22	GI Pipe for earthing 40mm dia 3mtr long	EA	7	1,578.89	11,052.23
23	GI Nut, Bolt & washers of different sizes	Kg	25	117.29	2,932.25
24	GI Barbed wire anticlimbing device 3 Kg	Kg	6	120.30	721.80
25	Back clamp for anticlimbing Device 25x3	Kg	2.407	112.78	271.46
26	Danger Plate(LT)	No.	2	120.30	240.60
27	Back clamp for Danger Plate 25x3 mm Flat	Kg	0.602	112.78	67.89
28	Name Plate	No	1	120.30	120.30
29	Black paint	Ltr	1	330.81	330.81
30	Yellow colour paint for Back ground	Ltr	2	162.00	324.00
A				**Sub total Rs.**	**1,028,082.16**
B				**Stock, Storage & Insurance @ 3% of A**	**30,842.46**
C				**Sub Total (C=A+B)**	**1,058,924.63**
D				**Contingency @3% of C**	**31,767.74**
E				**T & P 2% of C**	**21,178.49**
F				**Transportation @ 7.5% of C**	**79,419.35**
G				**Erection Charges for PSC Pole @ 20%**	
H				**Erection Charges of DTR and Joist Poles @ 5%**	**38,035.08**
I				**Erection Charges of other @ 10%**	**18,530.23**
J				**Sub Total**	**1,247,855.52**
31	Concreting ratio 1:1:5:3(500x500x1800)mm	Cumtr	0.9	6,500.00	5,850.00
32	Couping ratio 1:1:5:3(500x500x450)mm	Cumtr	0.226	6,500.00	1,469.00
33	Fixing of stay set with 0.5 cum cement concrete	No.	2	2,301.53	4,603.06
34	Construction of earth chamber	No	7	4,603.05	32,221.35
35	LT DB Plinth	No.	1	7,000.00	7,000.00
36	DTR Plinth	No.	1	35,000.00	35,000.00
37	Laying of 1Cx630 sq. mm LT XLPE Cable	Mtr.	120	70.00	8,400.00
38	Supply and erection of GI fencing with Gate as per TPNODL.	M2	20	3,682.00	73,640.00
	Total Rs.				**1,416,038.93**
III	**ASSOCIATED MATERIALS FOR 11 KV METERING UNIT**				

1	HDPE Pipe 8", 10 mtr., (PE 80 -PN8)	Mtr.	32	2,684.10	85,891.20
2	3Cx95 sq. mm 11 Kv XLPE cable	Mtr.	80	858.61	68,688.80
3	Heat shrinkable jointing kit for 3Cx95 sq. mm cable	Nos.	4	16,464.01	65,856.04
A				**Sub total Rs.**	**220,436.04**
B				**Stock, Storage & Insurance @ 3% of A**	**6,613.08**
C				**Sub Total (C=A+B)**	**227,049.12**
D				**Contingency @3% of C**	**6,811.47**
E				**T & P 2% of C**	**4,540.98**
F				**Transportation @ 7.5% of C**	**17,028.68**
G				**Erection Charges for PSC Pole @ 20%**	
H				**Erection Charges of DTR and Joist Poles @ 5%**	
I				**Erection Charges of other @ 10%**	**15,629.97**
J				**Sub Total**	**271,060.23**
4	Excavation of cable Trench	M3	36	716.00	25,776.00
5	Laying of cable(70-400 sq. mm) Trench/Tray	Mtr.	80	110.00	8,800.00
				Total Rs.	**305,636.23**
				Sub Total Rs.	**1,956,763.99**
				Cess @1%	**19,567.64**
				Total Estimated Cost	**1,976,331.63**
				Total Estimated Cost in Figures	**1,976,332.00**
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)