

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**JANAPATH, BHOINAGAR, BHUBANESWAR - 22****[Electrical Division]****Ph: 0674-2541545, 2542921, Fax: 0674-2541543****E-mail :- pmelectricalophwc2025@gmail.com, Website: www.ophwc.com /www.ophwc.nic.in****PRICE BID FOR THE WORK UNDER SL. NO :- 01 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO BUS STAND AT KANIKAPADA (B-TYPE), (PHASE-II OF ABS SCHEME) UNDER DASARATHPUR BLOCK IN THE DISTRICT OF JAJPUR.****BID REF NO :-32/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	37762.42	75524.84
2	9 Mtr. Long GI Joist Pole(150x150)mm,30.4 Kg/Mtr.	No.	1	31058.92	31058.92
3	11 K.V. V cross arm	No.	1	1218.00	1218.00
4	Top Bracket 100x50x6 mm GI channel	EA	1	360.89	360.89
5	11 KV Pin Insulator polymer	No.	6	300.74	1804.44
6	11 KV B&S Hardware (70KN)	set	3	526.30	1578.90
7	Disc insulator(B&S)70 KN Polymer	No	3	1729.26	5187.78
8	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5337.89	16013.67
9	AB switch 11 KV 400A 3 pole 50 HZ	Set	1	17818.66	17818.66
10	Back clamp for V cross arm	No.	1	120.30	120.30
11	Earthing support coil type	No	3	249.61	748.83
12	Top GI Channel 100x50x6 mm	Kg	131.93	112.78	14879.07
13	Fish plate GI channel 50x8 mm ,0.280 Mtr. Each	Kg	3.96	112.78	446.61
14	Double Pole Belting Channel 75x40x4.8 mm	Kg.	47.41	112.78	5346.90
15	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	48.08	112.78	5422.46
16	Danger Plate	No	3	120.30	360.90
17	Back clamp for Danger Plate,25x3 mm flat	No	1.806	112.78	203.68
18	HT stay set complete	Pair	2	1578.89	3157.78
19	HT Stay Insulator	No.	4	75.19	300.76
20	HT stay clamp	Pair	2	187.96	375.92
21	7/10 SWG Stay wire	Kg	30	112.78	3383.40

22	GI Pipe for earthing 40mm dia 3mtr long	EA	4	1578.89	6315.56
23	50X6 MM GI Flat for earthing	Kg	94.4	112.78	10646.43
24	Aniclimbing device made of GI barbed wire, clamping arrangement etc.(2 Kg per support)	Kg	9	120.30	1082.70
25	Back clamp for Anticlimbing Device	Kg	7.224	112.78	814.72
26	GI nut,bolt & washer	Kg	27	117.29	3166.83
27	Black paint	Ltr.	3	330.81	992.43
28	Yellow colour paint for Back ground	Ltr.	6	162	972.00
A	TOTAL MATERIAL COST				209303.38
B	Stock, Storage & Insurance @ 3% of A				6279.10
C	Sub Total (C=A+B)				215582.48
D	Contingency @3% of C				6467.47
E	T & P 2% of C				4311.65
F	Transportation @ 7.5% of C				16168.69
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				5489.06
I	Erection Charges of other @ 10%				9186.18
J	Sub Total				257205.53
29	Fixing of 11 KV Line complete set	Set	2	2301.53	4603.06
30	Concreting ratio 1:1:5:3(500x500x1800)	M3	1.35	6500.00	8775.00
31	Couping ratio 1:1:5:3(500x500x1500)	M3	0.338	6500.00	2197.00
32	Construction of earthing chamber	No	4	4603.05	18412.20
	Total Rs.				291192.79
III	INSTALLATION OF 500 KVA S/S.				
1	WPB (GI) Pole 160x152 (11 Mtr. Long) 30.4 Kg/Mtr.	No.	2	37762.42	75524.84
2	Top GI Channel 100x50x6 mm	Kg	64.052	112.78	7223.78
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	21274.71
5	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	43.146	112.78	4866.01
6	GI Flat 50x6 mm	Kg	154.816	112.78	17460.15
7	500 KVA 11/0.4 KV(CU)Transformer BIS Energy Level-II	No.	1	8,72,146.00	872146.00
8	LT Distrubution Box with MCCB, Aluminim Busbar of 3 Bay with kit kat Fuse for 500 KVA S/S.	No	1	146400.23	146400.23
9	55 sq. mm AAAC	Mtr.	50	63.59	3179.50
10	1 Cx 630 sq. mm LT XLPE cable(Un Armoured)	Mtr	180	762.6	137268.00
11	AB switch 11 KV 200A 2 pole 50 Hz	Set	1	11051.68	11051.68
12	Fuse Horn Gap 11 KV 2 pole complete 200A	Set	1	9202.22	9202.22

13	PG Clamp for 55 sq. mm AAAC	No.	6	721.78	4330.68
14	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1729.26	5187.78
15	11 KV H/W fitting polymer type	Pair	3	526.3	1578.90
16	11 KV Lightning Arrester (12 KV, 10KA) station class	No.	3	5337.89	16013.67
17	11 KV pin insulator Polymer	No.	3	300.74	902.22
18	HT stay set complete	Pair	2	1578.89	3157.78
19	HT Stay Insulator	No.	4	75.19	300.76
20	HT stay clamp	Pair	2	187.96	375.92
21	7/10 SWG Stay wire	Kg	30	112.78	3383.40
22	GI Pipe for earthing 40mm dia 3mtr long	EA	7	1578.89	11052.23
23	GI Nut, Bolt & washers of different sizes	Kg	25	117.29	2932.25
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	2	330.81	661.62
30	Yellow colour paint for Back ground	Ltr	4	162.00	648.00
A	Sub total Rs.				1357991.55
B	Stock, Storage & Insurance @ 3% of A				40739.75
C	Sub Total (C=A+B)				1398731.30
D	Contingency @3% of C				41961.94
E	T & P 2% of C				27974.63
F	Transportation @ 7.5% of C				104904.85
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				48805.05
I	Erection Charges of other @ 10%				26242.61
J	Sub Total				1648620.37
31	Concreting ratio 1:1:5:3(500x500x1800)mm	Cumtr.	0.9	6500.00	5850.00
32	Couping ratio 1:1:5:3(500x500x450)mm	Cumtr.	0.225	6500.00	1462.50
33	Fixing of stay set with 0.5 cum cement concrete	No.	2	2301.53	4603.06
34	Construction of earth chamber	No	7	4603.05	32221.35
35	LT DB Plinth	No.	1	7000.00	7000.00
36	DTR Plinth	No.	1	35000.00	35000.00
37	Laying of 1Cx630 sq. mm LT XLPE Cable	Mtr.	180	70.00	12600.00
38	Supply and erection of GI fencing with Gate as per TPNODL.	M2	20	3682.00	73640.00
	Total Rs.				1820997.28
	ASSOCIATED MATERIAL FOR 11 KV METERING				
1	HDPE Pipe 8", 10 Mtr.(spec PE 80-PN8)	Mtr.	32	2684.10	85891.20

2	3Cx95 sq. mm 11 KV XLPE cable(Armoured)	Mtr.	80	858.61	68688.80
3	Heat shrinkable jointing kit for 3Cx95 sq. mm cable	Nos.	4	16464.01	65856.04
A	Sub total Rs.				220436.04
B	Stock, Storage & Insurance @ 3% of A				6613.08
C	Sub Total (C=A+B)				227049.12
D	Contingency @3% of C				6811.47
E	T & P 2% of C				4540.98
F	Transportation @ 7.5% of C				17028.68
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				15629.97
J	Total Rs.				271060.23
4	Excavation of cable Trench	Cumtr.	12.9	716.00	9236.40
5	Laying of 11 KV cable-Trench/Tray	Mtr.	80	110.00	8800.00
	Sub Total Rs.				289096.63
	Sub Total Rs.				24,01,286.71
	Cess @1%				24,012.87
	Total Estimated Cost				24,25,299.57
	Total Estimated Cost in Figures				24,25,300.00
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)