

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****PRICE BID FOR THE WORK UNDER SL. NO :- 05 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 8-F TYPE STAFF QUARTERS AT AHARAPADA FIRE STATION IN THE DISTRICT OF KEONJHAR.****BID REF NO.-78/PM/ELECT/OPHWC/2025-26**

NAME & ADDRESS OF THE FIRM					
<u>SCHEDULE OF WORKS</u>					
Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
1	Construction of 11 KV Line				
1	11 KV V Cross Arm	No.	1	1218.00	1218.00
2	Top Bracket 100X50X6mm GI Channel	No.	1	360.89	360.89
3	55 sq. mm AAAC XLPE Covered conductor	Mtr.	125	100.75	12593.75
4	PG clamp for 55 sq. mm AAA conductor	No	3	721.78	2165.34
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	Non metallic Ties 11 KV	No.	6	290.45	1742.70
9	IPC connector for 55 sq. mm conductor	No.	3	429.13	1287.39
10	Back clamp for V Cross Arm	No.	1	120.30	120.30
11	Top Channel100x50x6 mm GI channel	Kg	30.6	112.78	3451.07
12	Fish plate GI channel 50x6 mm ,2.36 KG/Mtr.	Kg	3.96	112.78	446.61
13	50x6 mm GI Flat for earthing	Kg	37.76	112.78	4258.57
14	GI nut,bolt & washer	Kg	5	117.29	586.45
A	TOTAL MATERIAL COST				36802.19
B	Stock, Storage & Insurance @ 3% of A				1104.07
C	Sub Total (C=A+B)				37906.26
D	Contingency @3% of C				1137.19
E	T & P 2% of C				758.13
F	Transportation @ 7.5% of C				2842.97
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				3790.63

J	Sub Total				46435.16
II	INSTALLATION OF 100 KVA S/S.				
1	11 Mtr. Long 160X152 mm WPB GI Pole	No.	2	27310.20	54620.40
2	Earthing support coil type	No.	2	249.61	499.22
3	Top GI Channel 100x50x6 mm	Kg	114.7	112.78	12935.87
4	Fish plate GI channel 50x8 mm ,0.280 Mtr. Each	Kg	3.96	112.78	446.61
5	Channel GI 75x40x4.8 mm	Kg.	123.3	112.78	13905.77
6	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	54	112.78	6090.12
7	GI Flat 25x6 mm	Kg	50	112.78	5639.00
8	GI Flat 50x6 mm	Kg	40	112.78	4511.20
9	63 KVA 11/0.4 KV(AL)Transformer BIS Energy Level-II	No.	1	130,064.02	130064.02
10	LT Distrubution Box with MCCB, Aluminim Busbar of single Bay with kit kat Fuse for 63 KVA S/S.	No	1	27549.51	27549.51
11	55 sq. mm insulated AAAC	Mtr.	50	100.75	5037.50
12	4 Core 95 sq. mm LT XLPE cable(Armoured)	Mtr	10	449.24	4492.40
13	Jointing Kit 1.1 KV O/D 4Cx95 sq. mm	No.	2	14233.7	28467.40
14	AB switch 11 KV 200A 3 pole	Set	1	11051.68	11051.68
15	HG Fuse(11 KV, 200A, 3 pole)	Set	1	9202.22	9202.22
16	IPC connector for 55 sq. mm conductor	No.	6	429.13	2574.78
17	11 KV B&S Hardware (70KN)	set	3	526.30	1578.90
18	Disc insulator(B&S)70 KN Polymer	No	3	1729.26	5187.78
19	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5337.89	16013.67
20	11 KV pin insulator Polymer	No.	3	300.74	902.22
21	HT stay set complete	Pair	2	1578.89	3157.78
22	HT Stay Insulator	No.	2	75.19	150.38
23	HT stay clamp	Pair	2	187.96	375.92
24	7/10 SWG Stay wire	Kg	20	112.78	2255.60
25	No. 8 SWG GI wire /4.06 mm for earthing	Kg	0.524	112.78	59.10
26	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1578.89	7894.45
27	GI Nut, Bolt & washers of different sizes	Kg	25	117.29	2932.25
28	GI Barbed wire anticlimbing device 3 Kg	Kg	6	120.30	721.80
29	Back clamp for anticlimbing Device 25x3	Kg	2.4	112.78	270.67
30	Danger Plate(LT)	No.	2	120.30	240.60
31	Name Plate	No.	1	120.30	120.30
32	Black paint	Ltr	2	330.81	661.62
33	Yellow colour paint for Back ground	Ltr	2	162.00	324.00
34	Back clamp for Danger Plate,25x3 mm flat	Kg	0.6	112.78	67.67
A	Sub total Rs.				360002.41
B	Stock, Storage & Insurance @ 3% of A				10800.07
C	Sub Total (C=A+B)				370802.48
D	Contingency @3% of C				11124.07

E	T & P 2% of C				7416.05
F	Transportation @ 7.5% of C				27810.19
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				9511.25
I	Erection Charges of other @ 10%				16632.84
J	Sub Total				443296.88
35	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.9	6500.00	5850.00
36	Couping ratio 1:1:5:3(500x500x450)	M3	0.225	6500.00	1462.50
37	Fixing of 11 KV Line complete Set	Set	2	2301.53	4603.06
38	Construction of earth chamber	No	5	4603.05	23015.25
39	Supply and erection of GI fencing with Gate as per TPNODL.	M2	15	3682.00	55230.00
40	Supply/ Crimping/Fixing of Al. Lug	No.	30	92.06	2761.80
	Total Rs.				536219.49
III	LT LINE -0.26 Km				
1	9 Mtr. Long 300 KG PSC Pole	No.	7	4510.89	31576.23
2	Base plate for PSC Pole	No.	7	2255.55	15788.85
3	LT Stay set complete	Set	5	781.92	3909.60
4	7/12 SWG GI stay wire	Kg	30	112.78	3383.40
5	LT stay insulator	No.	5	165.40	827.00
6	LT stay clamp	No.	5	45.11	225.55
7	Pole clamp with I hook(ABC)	Pair	10	300.74	3007.40
8	Eye Hook for XLPE Cable	No.	10	90.22	902.20
9	Dead end clamp	No.	8	97.74	781.92
10	Suspension clamp with I hook	No.	2	511.26	1022.52
11	LT AB cable(4x50+1x50+1x16) sq. mm	Mtr.	268	261.42	70060.56
12	4 way Service Distribution Box with Kit kat Fuse	No.	8	3323.18	26585.44
13	Insulated Piercing connector,Type-A	Nos.	24	120.30	2887.20
14	Insulated Piercing connector,Type-B	Nos.	8	60.15	481.20
15	GI Pipe for earthing 40mm dia 3mtr long	Nos.	2	1578.89	3157.78
16	Coil Earthing	No	5	249.61	1248.05
17	Danger plate (LT)	Nos.	7	120.30	842.10
18	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	2.1	112.78	236.84
19	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	21	120.30	2526.30
20	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	8.4	112.78	947.35
21	GI Nuts, Bolts, & washers of different sizes	Kg	3	117.29	351.87
22	Black paint	Ltr	7	330.81	2315.67
23	Yellow colour paint for Back ground	Ltr	7	162.00	1134.00
A	Total Rs.				174199.03
B	Stock, Storage & Insurance @ 3% of A				5225.97
C	Sub Total (C=A+B)				179425.00

D	Contingency @3% of C				5382.75
E	T & P 2% of C				3588.50
F	Transportation @ 7.5% of C				13456.88
G	Erection Charges for PSC Pole @ 20%				6504.70
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				13520.53
J	Sub Total				221878.36
24	Fixing of LT complete stay set	No	5	2301.53	11507.65
25	Stringing of 1.1 KV XLPE ABC	Mtr.	268	30.00	8040.00
26	Concreting ratio 1:1:5:3(500x500x1500)mm	Cumtr.	2.625	6500.00	17062.50
27	Couping ratio 1:1:5:3(500x500x1500)mm	Cumtr.	0.788	6500.00	5122.00
28	Construction of earthing chamber including all.	Nos.	2	4603.05	9206.10
					50938.25
					272816.61
	Sub Total Rs.				855,471.26
	Cess @1%				8,554.71
	Total Estimated Cost				864,025.97
	Total Estimated Cost in Figures				864,026.00
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)