

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 :- 07 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-F TYPE STAFF QUARTERS AT GHASIPURA POLICE STATION IN THE DISTRICT OF KEONJHAR.****BID REF NO.-89/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.
1	Construction of 11 KV Line				
1	WPB GI Pole 160x152(11 Mtr. Long ,30.44 Kg/Mtr.)	No.	2	27310.20	54620.40
2	WPB GI Pole 160x152(9 Mtr. Long ,30.44 Kg/Mtr.)	No.	8	22811.69	182493.52
3	11 KV V Cross Arm	No.	1	1218.00	1218.00
4	Top Bracket 100X50X6mm GI Channel	No.	1	360.89	360.89
5	99 sq. mm AAAC XLPE Covered conductor	Mtr.	247	131.36	32472.19
6	PG clamp for 100 sq. mm AAA conductor	No	6	872.15	5232.90
7	11 KV Pin Insulator polymer	No.	6	300.74	1804.44
8	11 KV B&S Hardware (70KN)	set	9	526.30	4736.70
9	Disc insulator(B&S)70 KN Polymer	No	9	1729.26	15563.34
10	Non metallic Ties 11 KV	No	6	290.45	1742.70
11	Back clamp for V Cross Arm	No.	1	120.30	120.30
12	Earthing support coil type	No.	2	249.61	499.22
13	Top Channel100x50x6 mm GI channel	Kg	87.4	112.78	9856.97
14	Fish plate 50x6 mm, 2.36 Kg/Mtr.	No.	8	112.78	902.24
15	Danger plate (LT)	Nos.	2	120.30	240.60
16	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	1.24	112.78	139.85
17	HT stay set complete	Pair	3	1578.89	4736.67
18	HT Stay Insulator	No.	3	75.19	225.57
19	HT stay clamp	Pair	3	187.96	563.88
20	7/10 SWG Stay wire	Kg	45	112.78	5075.10
21	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	12	120.30	1443.60
22	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	5	112.78	563.90
23	GI Nuts, Bolts, & washers of different sizes	Kg	3	117.29	351.87

A	TOTAL MATERIAL COST				324964.85
B	Stock, Storage & Insurance @ 3% of A				9748.95
C	Sub Total (C=A+B)				334713.80
D	Contingency @3% of C				10041.41
E	T & P 2% of C				6694.28
F	Transportation @ 7.5% of C				25103.53
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				12211.37
I	Erection Charges of other @ 10%				7956.72
J	Sub Total				396721.11
24	Painting of Pole in yellow & Black strip	Nos.	2	283.34	566.68
25	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.9	6500.00	5850.00
26	Couping ratio 1:1:5:3(500x500x1500)	M3	0.26	6500.00	1690.00
27	Fixing of stay set with 0.5 cum cement concrete	No.	2	2301.53	4603.06
	Total Rs.				409430.85
II	LT LINE -300 Mtr.				
1	LT Stay set complete	Set	3	781.92	2345.76
2	7/12 SWG GI stay wire	Kg	34.56	112.78	3897.68
3	LT stay insulator	No.	7	165.40	1157.80
4	LT stay clamp	No.	3	45.11	135.33
5	Pole clamp with I hook(ABC)	Pair	8	300.74	2405.92
6	Eye Hook for XLPE Cable	No.	5	90.22	451.10
7	Dead end clamp	No.	10	97.74	977.40
8	Suspension clamp with I hook	No.	3	511.26	1533.78
9	LT XLPE AB cable(4x70+1x70+1x16) sq. mm	Mtr.	336	352.80	118540.80
10	LT 10 way junction Box for service connection	No.	8	920.34	7362.72
11	Insulated Piercing connector, Type-A	Nos.	32	120.30	3849.60
12	GI Pipe for earthing 40mm dia 3mtr long	Nos.	2	1578.89	3157.78
13	Coil Earthing	No	6	249.61	1497.66
14	Danger plate (LT)	Nos.	8	120.30	962.40
15	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	2.889	112.78	325.82
16	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	24	120.30	2887.20
17	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	9.6	112.78	1082.69
18	GI Nuts, Bolts, & washers of different sizes	Kg	10	117.29	1172.90
A	Total Rs.				153744.34
B	Stock, Storage & Insurance @ 3% of A				4612.33
C	Sub Total (C=A+B)				158356.67
D	Contingency @3% of C				4750.70
E	T & P 2% of C				3167.13
F	Transportation @ 7.5% of C				11876.75
G	Erection Charges for PSC Pole @ 20%				

H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				14734.15
J	Sub Total				192885.40
19	Painting of Pole in yellow & Black strip	Nos.	8	283.34	2266.72
20	Concreting ratio 1:1:5:3(500x500x1800)	M3	3.6	6500.00	23400.00
21	Couping ratio 1:1:5:3(500x500x1500)	M3	0.9	6500.00	5850.00
22	Fixing of LT complete stay set	No.	7	2301.53	16110.71
23	Construction of earthing chamber	No.	2	4603.05	9206.10
					56833.53
					249718.93
III	INSTALLATION OF 100 KVA S/S.				
1	WPB GI Pole 160x152(11 Mtr. Long ,30.44 Kg/Mtr.)	No.	2	27310.20	54620.40
2	Top GI Channel 100x50x6 mm	Kg	131.25	112.78	14802.38
3	Channel 75x40x4.8 mm	Kg.	3.54	112.78	399.24
4	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	145.8	112.78	16443.32
5	GI Angle 50x50x6 mm	Kg.	52.75	112.78	5949.15
6	GI Flat 25x6 mm	Kg	90	112.78	10150.20
7	GI Flat 50x6 mm for earthing,2.36 Kg/Mtr.	Kg	154.81	112.78	17459.47
8	100 KVA 11/0.4 KV(AL)Transformer BIS Energy Level-II	No.	1	175,932.00	175932.00
9	LT Distrubution Box with MCCB, Aluminim Busbar of 2 Bay with kit kat Fuse for 100 KVA S/S.	No	1	36718.85	36718.85
10	100 sq. mm insulated AAAC	Mtr.	50	131.36	6568.00
11	4 Core 150 sq. mm LT XLPE cable(Armoured)	Mtr	15	953.11	14296.65
12	AB switch 11 KV 200A 3 pole, 50 Hz)	Set	1	11052.2	11052.20
13	AB switch 11 KV 200A 3 pole, 50 Hz)vertical	Set	1	11051.68	11051.68
14	HG Fuse(11 KV, 200A, 3 pole)	Set	1	9202.22	9202.22
15	DO Fuse Link wire 10A upto 100 KVA DTR	No.	3	115	345.00
16	PG clamp for 100 sq. mm AAA conductor	No.	6	872.15	5232.90
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	30	112.78	3383.40
25	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1578.89	7894.45
26	GI Nut, Bolt & washers of different sizes	Kg	25	117.29	2932.25
27	GI Barbed wire anticlimbing device 3 Kg	Kg	6	120.30	721.80
28	Back clamp for anticlimbing Device 25x3	Kg	2.4	112.78	270.67
29	Danger Plate(LT)	No.	2	120.30	240.60
30	Back clamp for Danger Plate,25x3 mm flat	Kg	0.6	112.78	67.67

31	Name Plate	No.	1	120.30	120.30
A	Sub total Rs.				433221.45
B	Stock, Storage & Insurance @ 3% of A				12996.64
C	Sub Total (C=A+B)				446218.09
D	Contingency @3% of C				13386.54
E	T & P 2% of C				8924.36
F	Transportation @ 7.5% of C				33466.36
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				11873.45
I	Erection Charges of other @ 10%				19333.83
J	Sub Total				533202.63
32	Painting of Pole in yellow & Black strip	Nos.	2	283.34	566.68
33	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.9	6500.00	5850.00
34	Couping ratio 1:1:5:3(500x500x1500)	M3	0.226	6500.00	1469.00
35	Fixing of stay set with 0.5 cum cement concrete	No.	2	2301.53	4603.06
36	Construction of earth chamber	No	5	4603.05	23015.25
37	Supply and erection of GI fencing with Gate as per TPNODL.	M2	15	3682.00	55230.00
38	DTR Plinth	No.	1	35000.00	35000.00
	Total Rs.				658936.62
	Sub Total Rs.				1,318,086.40
	Cess @1%				13,180.86
	Total Estimated Cost				1,331,267.27
	Total Estimated Cost in Figures				1,331,267.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (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)**