

**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 TO CATER POWER SUPPLY TO 8-F TYPE STAFF QUARTERS AT BANSAPAL FIRE STATION IN THE DISTRICT OF KEONJHAR.

BID REF NO.- 14/PM/ELECT/OPHWC/2026-27

**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 160x152 (11 Mtr. Long)30.4 Kg/Mtr.	No.	1	27,310.20	27,310.20
2	11 KV V cross Arm(10.2 Kg)	No.	1	1,218.00	1,218.00
3	100X50X6mm Top Bracket GI Channel	Kg.	1	360.89	360.89
4	99 sq. mm AAAC XLPE Covered conductor	Mtr.	20.00	131.36	2,627.20
5	PG clamp for 100 sq. mm AAA conductor	No	3	872.15	2,616.45
6	11 KV pin insulator Polymer	No	6	300.74	1,804.44
7	11 KV B&S Hardware (70KN)	set	3	526.30	1,578.90
8	Disc insulator(B&S)70 KN Polymer	No	3	1,729.26	5,187.78
9	Non metallic Ties 11 KV(For covered conductor)	No	6	290.45	1,742.70
10	IPC Connector 100 sq. mm AAAC	No	3	429.13	1,287.39
11	Back clamp for V cross arm	No	1	120.30	120.30
12	Earthing support coil type	No.	1	249.61	249.61
13	Top 100X50X6mm GI Channel	Kg	30.6	112.78	3,451.07
14	Fish plate 50x6 mm ,2.36 Kg/Mtr.	Kg	3.96	112.78	446.61
15	Danger plate (LT)	Nos.	1	120.30	120.30
16	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	0.3	112.78	33.83
17	HT stay set complete	Pair	1	1,578.89	1,578.89
18	HT Stay Insulator	No.	1	75.19	75.19
19	HT stay clamp	Pair	1	187.96	187.96
20	7/10 SWG Stay wire	Kg	10	112.78	1,127.80
21	No. 8 GI wire /4.06 mm for earthing	Kg	0.262	112.78	29.55

22	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	3	120.30	360.90
23	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	1.2	112.78	135.34
24	GI Nuts, Bolts, & washers of different sizes	Kg	3	117.29	351.87
25	Black Paint	Ltr.	1	330.81	330.81
26	Yellow colour paint	Ltr.	1	162.00	162.00
A	TOTAL MATERIAL COST				54,495.98
B	Stock, Storage & Insurance @ 3% of A				1,634.88
C	Sub Total (C=A+B)				56,130.85
D	Contingency @3% of C				1,683.93
E	T & P 2% of C				1,122.62
F	Transportation @ 7.5% of C				4,209.81
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				1,406.48
I	Erection Charges of other @ 10%				2,447.78
J	Sub Total				67,001.47
26	Fixing of 11 KV Line complete stay set	No.	1	2,301.53	2,301.53
27	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.45	6,500.00	2,925.00
28	Couping ratio 1:1:5:3(500x500x1500)	M3	0.113	6,500.00	734.50
	Total Rs.				72,962.50
II	LT LINE -515 Mtr.				
1	9 Mtr. Long GI Joist Pole 100x116 mm	No.	14	23,344.94	326,829.16
2	LT Stay set complete	Set	6	781.92	4,691.52
3	7/12 SWG GI stay wire	Kg	36	112.78	4,060.08
4	LT stay insulator	No.	6	165.40	992.40
5	LT stay clamp	No.	6	45.11	270.66
6	Pole clamp with I hook(ABC)	Pair	15	300.74	4,511.10
7	Eye Hook for XLPE Cable	No.	15	90.22	1,353.30
8	Dead end clamp	No.	6	97.74	586.44
9	Suspension clamp with I hook	No.	11	511.26	5,623.86
10	LT XLPE AB cable(4x50+1x50+1x16) sq. mm	Mtr.	515	261.42	134,631.30
11	4 way service Distribution Box	No.	8	3,323.18	26,585.44
12	Insulated Piercing connector,Type-A	Nos.	36	120.30	4,330.80
13	Insulated Piercing connector,Type-B	Nos.	9	60.15	541.35
14	GI Pipe for earthing 40mm dia 3mtr long	Nos.	3	1,578.89	4,736.67
15	Coil Earthing	No	11	249.61	2,745.71
16	No. 8 GI wire /4.6 mm for earthing	Kg	3.668	112.78	413.68

17	Danger plate (LT)	Nos.	14	120.30	1,684.20
18	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	4.2	112.78	473.68
19	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	42	120.30	5,052.60
20	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	16.8	112.78	1,894.70
21	GI Nuts, Bolts, & washers of different sizes	Kg	7	117.29	821.03
22	Black Paint	Ltr.	14	330.81	4,631.34
23	Yellow colour paint	Ltr.	14	162.00	2,268.00
A	Total Rs.				539,729.02
B	Stock, Storage & Insurance @ 3% of A				16,191.87
C	Sub Total (C=A+B)				555,920.89
D	Contingency @3% of C				16,677.63
E	T & P 2% of C				11,118.42
F	Transportation @ 7.5% of C				41,694.07
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				16,831.70
I	Erection Charges of other @ 10%				20,409.30
J	Sub Total				662,652.00
24	Fixing of LT stay set complete	No.	6	2,301.53	13,809.18
25	Stringing of 1.1 KV XLPE ABC	Mtr.	515	30.00	15,450.00
26	Concreting ratio 1:1:5:3(500x500x1800)	M3	1.575	6,500.00	10,237.50
27	Couping ratio 1:1:5:3(500x500x1500)	M3	5.25	6,500.00	34,125.00
28	Construction of earth chamber	No	3	4,603.05	13,809.15
					750,082.83
III	SHIFTING AND REINSTALLATION OF S/S.				
1	WPB (GI) Pole 160x152 (11 Mtr. Long)30.4 Kg/Mtr.	No.	2	27,310.20	54,620.40
	Earthing support coil type	No.	2	249.61	499.22
2	Top GI Channel 100x50x6 mm	Kg	114.7	112.78	12,935.87
3	Fish plate 50x6 mm ,2.36 Kg/Mtr.	Kg	3.96	112.78	446.61
4	GI Channel 75x40x4.8 mm	Kg.	123.3	112.78	13,905.77
5	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	54	112.78	6,090.12
6	GI Flat 25x6 mm	Kg	50	112.78	5,639.00
7	GI Flat 50x6 mm	Kg	40	112.78	4,511.20

9	LT Distrubution Box with MCCB, Aluminim Busbar .	No	1	27,549.51	27,549.51
10	100 sq. mm insulated AAAC	Mtr.	50	131.36	6,568.00
11	Cable 1.1 KV AL 4 Core x95 sq. mm PVC Armoured cable	Mtr	10	449.24	4,492.40
	Jointing Kit O/D 4Cx95 sq. mm	No.	2	14,233.70	28,467.40
12	AB switch 11 KV 200A 3 pole, 50 Hz)	Set	1	11,051.68	11,051.68
13	HG Fuse(11 KV, 200A, 3 pole)	Set	1	9,202.22	9,202.22
15	IPC Connector 100 sq. mm AAAC	No.	6	429.13	2,574.78
16	11 KV B&S Hardware (70KN)	No.	3	526.30	1,578.90
17	Disc insulator(B&S)70 KN Polymer	No	3	1,729.26	5,187.78
18	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5,337.89	16,013.67
19	11 KV pin insulator Polymer	No.	3	300.74	902.22
20	HT stay set complete	Pair	2	1,578.89	3,157.78
21	HT Stay Insulator	No.	2	75.19	150.38
22	HT stay clamp	Pair	2	187.96	375.92
23	7/10 SWG Stay wire	Kg	20	112.78	2,255.60
24	No. 8 GI wire /4.06 mm for earthing	Kg	0.524	112.78	59.10
25	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1,578.89	7,894.45
26	GI Nut, Bolt & washers of different sizes	Kg	25	117.29	2,932.25
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
31	Name Plate	No.	1	120.30	120.30
32	Black Paint	Ltr.	2	330.81	661.62
33	Yellow colour paint	Ltr.	2	162.00	324.00
30	Back clamp for Danger Plate,25x3 mm flat	Kg	0.6	112.78	67.67
A	Sub total Rs.				231,468.89
B	Stock, Storage & Insurance @ 3% of A				6,944.07
C	Sub Total (C=A+B)				238,412.95
D	Contingency @3% of C				7,152.39
E	T & P 2% of C				4,768.26
F	Transportation @ 7.5% of C				17,880.97
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				2,812.95
I	Erection Charges of other @ 10%				16,790.48
J	Sub Total				287,818.00
27	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.9	6,500.00	5,850.00

34	Couping ratio 1:1:5:3(500x500x1500)	M3	0.226	6,500.00	1,469.00
35	Fixing of stay set with 0.5 cum cement concrete	No.	2	2,301.53	4,603.06
36	Construction of earth chamber	No	5	4,603.05	23,015.25
37	Supply and erection of GI fencing with Gate as per TPNODL.	M2	15	3,682.00	55,230.00
38	ITC of Distribution Transformer	No.	1	19,400.00	19,400.00
39	Supply/crimping/fixing of Al Lug	No.	30	92.06	2,761.80
	Total Rs.				400,147.11
32	Lobour Cost for Dismnatling +Transportation cost				16,591.00
	Sub Total Rs.				1,239,783.44
	Cess @1%				12,397.83
	Total Estimated Cost				1,252,181.28
	Total Estimated Cost in Figures				1,252,181.00
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)**