

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 :- 02 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO 8-F TYPE STAFF QUARTERS AT TELKOI 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	11 KV LINE				
1	WPB GI Pole 160x152(11 Mtr. ,30.44 Kg/Mtr.)	No.	1	27,310.20	27,310.20
2	99 sq. mm AAAC XLPE Covered conductor	Mtr.	139	131.36	18,259.04
3	PG Clamp for 100 sq. mm AAAC	No.	3	872.15	2,616.45
4	11 KV Pin Insulator polymer	No.	3	300.74	902.22
5	11 KV Disc insulator polymer type 70 KN(B&S)	No	6	1,729.26	10,375.56
6	11 KV H/W fitting polymer type	Pair	6	526.30	3,157.80
7	Non metallic Ties 11 KV	No.	3	290.45	871.35
8	IPC Connector 55/100 sq. mm for insulated conductor	No.	3	429.13	1,287.39
9	Earthing support coil	No.	1	249.61	249.61
10	Top Channel 100x50x6 mm ,9.56Kg/Mtr.	Kg.	61.2	112.78	6,902.14
11	Fish Plate 50x6 mm ,2.36 Kg/Mtr.	No.	7.92	112.78	893.22
12	Danger plate (LT)	Nos.	1	120.30	120.30
13	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
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	20	112.78	2,255.60
18	No. 8 GI wire(Dia 4.6 mm),0.131 KG/Mtr.	Kg	0.26	112.78	29.55
19	GI barbed wire anticleimbing device 3 Kg. Per support	Kg	3	120.30	360.90

20	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
21	GI Nuts, Bolts, & washers of different sizes	Kg	3	117.29	351.87
22	Black paint	Ltr.	1	162.00	162.00
23	Yellow colour paint	Ltr.	1	330.81	330.81
A	TOTAL MATERIAL COST				80,289.25
B	Stock, Storage & Insurance @ 3% of A				2,408.68
C	Sub Total (C=A+B)				82,697.93
D	Contingency @3% of C				2,480.94
E	T & P 2% of C				1,653.96
F	Transportation @ 7.5% of C				6,202.34
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				1,406.47
I	Erection Charges of other @ 10%				4,845.06
J	Sub Total				99,286.70
24	Fixing of 11 KV Line complete set	Set	2	2,301.53	4,603.06
25	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.45	6,500.00	2,925.00
26	Couping ratio 1:1:5:3(500x500x450)mm	M3	0.11	6,500.00	734.50
	Total Rs.				107,549.26
II	LT LINE -330 Mtr.				
1	9 Mtr. Long 100x116 mm RS Joist	No.	9	23,344.94	210,104.46
2	LT Stay set complete	Set	5	781.92	3,909.60
3	7/12 SWG GI stay wire	Kg	30	112.78	3,383.40
4	LT stay insulator	No.	5	165.40	827.00
5	LT stay clamp	No.	5	45.11	225.55
6	Pole clamp with I hook(ABC)	Pair	9	300.74	2,706.66
7	Eye Hook for XLPE Cable	No.	9	90.22	811.98
8	Dead end clamp	No.	8	97.74	781.92
9	Suspension clamp with I hook	No.	4	511.26	2,045.04
10	LT AB cable(4x50+1x50+1x16) sq. mm	Mtr.	330	261.42	86,268.60
11	4 way service Distribution Box	No.	8	3,323.18	26,585.44
12	Insulated Piercing connector, Type-A	Nos.	32	120.30	3,849.60
13	Insulated Piercing connector, Type-B	Nos.	4	60.15	240.60
14	GI Pipe for earthing 40mm dia 3mtr long	Nos.	3	1,578.89	4,736.67
15	Coil Earthing	No	6	249.61	1,497.66
16	No. 8 GI wire(Dia 4.6 mm),0.131 KG/Mtr.	Kg	5.5	112.78	620.29
17	Danger plate (LT)	Nos.	9	120.30	1,082.70

18	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	2.7	112.78	304.51
19	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	27	120.30	3,248.10
20	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	10.8	112.78	1,218.02
21	GI Nuts, Bolts, & washers of different sizes	Kg	5	117.29	586.45
22	Black paint	Ltr.	9	162.00	1,458.00
23	Yellow colour paint	Ltr.	9	330.81	2,977.29
A	Total Rs.				359,469.54
B	Stock, Storage & Insurance @ 3% of A				10,784.09
C	Sub Total (C=A+B)				370,253.63
D	Contingency @3% of C				11,107.61
E	T & P 2% of C				7,405.07
F	Transportation @ 7.5% of C				27,769.02
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				10,820.38
I	Erection Charges of other @ 10%				14,037.14
J	Sub Total				441,392.85
24	Fixing of LT complete stay set	No.	5	2,301.53	11,507.65
25	Stringing of 1.1 KV XLPE ABC (3 & 4 WIRE)	Mtr.	330	30.00	9,900.00
26	Concreting ratio 1:1:5:3(500x500x1800)mm	Cumtr	1.01	6,500.00	6,565.00
27	Couping ratio 1:1:5:3(500x500x450)mm	M3	3.38	6,500.00	21,957.00
28	Construction of earthing chamber	No.	3	4,603.05	13,809.15
					63,738.80
					505,131.65
III	INSTALLATION OF 100 KVA S/S.				
1	WPB GI Pole 160x152(11 Mtr. ,30.44 Kg/Mtr.)	No.	2	27,310.20	54,620.40
2	Earthing supoort coil	No.	2	249.61	499.22
3	Top GI Channel 100x50x6 mm	Kg	114.7	112.78	12,935.87
4	Fish Plate 50x6 mm ,2.36 Kg/Mtr.	Kg.	3.96	112.78	446.61
5	Channel GI 75x40x4.8 mm (3000 mm Long)	Kg.	123.3	112.78	13,905.77
6	GI Angle 50x50x6 mm	Kg.	54	112.78	6,090.12
7	GI Flat 25x6 mm	Kg	50	112.78	5,639.00
8	GI Flat 50x6 mm	Kg	40	112.78	4,511.20
9	63 KVA 11/0.4 KV(AL)Transformer BIS Energy Level-II	No.	1	130,064.02	130,064.02

10	LT Distribution Box with MCCB, Aluminium Busbar .	No	1	27,549.51	27,549.51
11	4C x95 sq. mm LT XLPE cable(Armoured)	Mtr.	10	449.24	4,492.40
12	100 sq. mm insulated AAAC	Mtr	50	131.36	6,568.00
13	Jointing kit 1.1 KV O/D 4Cx95 sq. mm	No.	2	14,233.70	28,467.40
14	AB switch 11 KV 200A 3 pole, 50 Hz)	Set	1	11,052.20	11,052.20
15	HG Fuse(11 KV, 200A, 3 pole)	Set	1	9,202.22	9,202.22
16	IPC Connector 55/100 sq. mm for insulated conductor	No.	6	429.13	2,574.78
17	11 KV B&S Hardware (70KN)	set	3	526.30	1,578.90
18	Disc insulator(B&S)70 KN Polymer	No	3	1,729.26	5,187.78
19	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5,337.89	16,013.67
20	11 KV pin insulator Polymer	No.	3	300.74	902.22
21	HT stay set complete	Pair	2	1,578.89	3,157.78
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	2,255.60
25	No. 8 GI wire(Dia 4.6 mm),0.131 KG/Mtr.	Kg	0.52	112.78	59.10
26	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1,578.89	7,894.45
27	GI Nut, Bolt & washers of different sizes	Kg	25	117.29	2,932.25
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	Back clamp for Danger Plate,25x3 mm flat	Kg	0.6	112.78	67.67
32	Name Plate	No.	1	120.30	120.30
33	Black paint	Ltr	2	330.81	661.62
34	Yellow colour paint for Back ground	Ltr	2	162.00	324.00
A	Sub total Rs.				361,533.43
B	Stock, Storage & Insurance @ 3% of A				10,846.00
C	Sub Total (C=A+B)				372,379.43
D	Contingency @3% of C				11,171.38
E	T & P 2% of C				7,447.59
F	Transportation @ 7.5% of C				27,928.46
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				9,511.67
I	Erection Charges of other @ 10%				16,790.48
J	Sub Total				445,229.01
35	Concreting ratio 1:1:5:3(500x500x1800)mm	Cumtr	0.9	6,500.00	5,850.00
36	Couping ratio 1:1:5:3(500x500x450)mm	M3	0.23	6,500.00	1,462.50
37	Fixing of stay set with 0.5 cum cement concrete	No.	2	2,301.53	4,603.06
38	Construction of earth chamber	No	5	4,603.05	23,015.25
39	Supply and fixing of GI fencing	M2	15	3,682.00	55,230.00
40	Supply/ Crimping/ Fixing of AL Lug	No.	30	92.06	2,761.80

	Total Rs.				538,151.62
	Total Rs.				1,150,832.53
41	Labour Cost for Dismnatling +Transportation cost				14,004.00
	Sub Total Rs.				1,164,836.53
	Cess @1%				11,648.37
	Total Estimated Cost				1,176,484.90
	Total Estimated Cost in Figures				1,176,485.00
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)**