

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 :- 04 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO 8-F TYPE STAFF QUARTERS AT HATADIHI 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	Top Bracket 100X50X6mm GI Channel	No.	22	360.89	7,939.58
2	99 sq. mm AAAC XLPE Covered conductor	Mtr.	93	131.36	12,177.07
3	PG clamp for 100 sq. mm AAA conductor	No	6	872.15	5,232.90
4	11 KV Pin Insulator polymer	No.	3	300.74	902.22
5	11 KV B&S Hardware (70KN)	set	3	526.30	1,578.90
6	Disc insulator(B&S)70 KN Polymer	No	3	1,729.26	5,187.78
7	Non metallic Ties 11 KV	No	3	290.45	871.35
8	Earthing support coil type	No.	1	249.61	249.61
9	Double pole Belting Channel 75x40x4.8 mm GI channel	Kg	1.422	112.78	160.37
10	50x50x6 mm GI Bracing Angle	Kg	1.442	112.78	162.63
11	Danger plate (LT)	Nos.	1	120.30	120.30
12	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	0.6	112.78	67.67
13	HT stay set complete	Pair	1	1,578.89	1,578.89
14	HT Stay Insulator	No.	1	75.19	75.19
15	HT stay clamp	Pair	1	187.96	187.96
16	7/10 SWG Stay wire	Kg	15	112.78	1,691.70
17	No. 6 GI wire /4.88 mm for earthing	Kg	0.03	112.78	3.38
18	No. 8 GI wire /4.06 mm for earthing	Kg	0.03	112.78	3.38

19	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	6	120.30	721.80
20	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	2.48	112.78	279.69
21	GI Nuts, Bolts, & washers of different sizes	Kg	10	117.29	1,172.90
22	Black Paint	Ltr.	1	330.81	330.81
23	Yellow colour paint	Ltr.	2	162.00	324.00
A	TOTAL MATERIAL COST				41,020.09
B	Stock, Storage & Insurance @ 3% of A				1,230.60
C	Sub Total (C=A+B)				42,250.70
D	Contingency @3% of C				1,267.52
E	T & P 2% of C				845.01
F	Transportation @ 7.5% of C				3,168.80
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				3,861.09
J	Sub Total				51,393.12
25	Fixing of 11 KV Line complete stay set	No.	1	2,301.53	2,301.53
	Total Rs.				53,694.65
II	LT LINE -315 Mtr.				
1	9 mtr Long 100x116 mm GI Joist Pole(30.6 Kg/Mtr.)	No.	10	23,344.94	233,449.40
2	LT Stay set complete	Set	4	781.92	3,127.68
3	7/12 SWG GI stay wire	Kg	40	112.78	4,511.20
4	LT stay insulator	No.	4	165.40	661.60
5	LT stay clamp	No.	4	45.11	180.44
6	Back clamp for joist Pole	No.	10	165.40	1,654.00
7	Pole clamp with I hook(ABC)	Pair	10	300.74	3,007.40
8	Eye Hook for XLPE Cable	No.	10	90.22	902.20
9	Dead end clamp	No.	10	97.74	977.40
10	Suspension clamp with I hook	No.	6	511.26	3,067.56
11	LT XLPE AB cable(4x95+1x95+1x16) sq. mm	Mtr.	315	426.36	134,303.40
12	8 way service Distribution Box	No.	2	6,014.80	12,029.60
13	Insulated Piercing connector, Type-A	Nos.	12	120.30	1,443.60
14	GI Pipe for earthing 40mm dia 3mtr long	Nos.	2	1,578.89	3,157.78
15	Coil Earthing	No	8	249.61	1,996.88
16	Danger plate (LT)	Nos.	10	120.30	1,203.00

17	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	3	112.78	338.34
18	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	20	120.30	2,406.00
19	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	12	112.78	1,353.36
20	GI Nuts, Bolts, & washers of different sizes	Kg	10	117.29	1,172.90
21	Black Paint	Ltr.	10	330.81	3,308.10
22	Yellow colour paint	Ltr.	18	162.00	2,916.00
A	Total Rs.				417,167.84
B	Stock, Storage & Insurance @ 3% of A				12,515.04
C	Sub Total (C=A+B)				429,682.88
D	Contingency @3% of C				12,890.49
E	T & P 2% of C				8,593.66
F	Transportation @ 7.5% of C				32,226.22
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				12,022.64
I	Erection Charges of other @ 10%				17,724.21
J	Sub Total				513,140.08
23	Couping ratio 1:1:5:3(500x500x1500)	M3	1.13	6,500.00	7,345.00
24	Stringing of LT Line	Mtr.	300	30.00	9,000.00
25	Concreting ratio 1:1:5:3(500x500x1800)	M3	3.75	6,500.00	24,375.00
26	Fixing of stay set with 0.5 cum cement concrete	No.	4	2,301.53	9,206.12
27	Construction of earth chamber	No	2	4,603.05	9,206.10
					572,272.30
III	INSTALLATION OF 100 KVA S/S.				
1	Top GI Channel 100x50x6 mm	Kg	131.25	112.78	14,802.38
2	Fish plate	Kg	3.54	112.78	399.24
3	GI Channel 75x40x4.8 mm	Kg.	145.8	112.78	16,443.32
4	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	52.75	112.78	5,949.15
5	GI Flat 25x6 mm	Kg	50	112.78	5,639.00
6	GI Flat 50x6 mm	Kg	154.81	112.78	17,459.47
7	100 KVA 11/0.4 KV(AL)Transformer BIS Energy Level-II	No.	1	175,932.00	175,932.00
8	LT Distrubution Box with MCCB, Aluminim Busbar of single Bay with kit kat Fuse .	No	1	22,449.20	22,449.20
9	LT Distrubution Box with MCCB, Aluminim Busbar of 2 Bay with kit kat Fuse for 100 KVA S/S.	No	1	36,718.85	36,718.85
10	55 sq. mm insulated AAAC	Mtr.	50	100.75	5,037.50

11	4 Core 150 sq. mm LT XLPE cable(Armoured)	Mtr	15	953.11	14,296.65
12	AB switch 11 KV 200A 3 pole, 50 Hz)	Set	1	11,052.20	11,052.20
13	HG Fuse(11 KV, 200A, 3 pole)	Set	1	9,202.22	9,202.22
14	PG clamp for 55 sq. mm AAA conductor	No.	6	721.78	4,330.68
15	IPC Connector 55/100 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	30	112.78	3,383.40
24	No. 8 GI wire /4.06 mm for earthing	Kg	1	112.78	112.78
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
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
32	Black Paint	Ltr.	1	330.81	330.81
33	Yellow colour paint	Ltr.	2	162.00	324.00
A	Sub total Rs.				386,052.02
B	Stock, Storage & Insurance @ 3% of A				11,581.56
C	Sub Total (C=A+B)				397,633.58
D	Contingency @3% of C				11,929.01
E	T & P 2% of C				7,952.67
F	Transportation @ 7.5% of C				29,822.52
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				9,060.50
I	Erection Charges of other @ 10%				20,101.23
J	Sub Total				476,499.50
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	LT DB Plinth	No.	1	7,000.00	7,000.00
39	SITC of HDPE Pipe(HDD Method)	Ls	1	2,100.00	2,100.00
	Total Rs.				569,916.81
32	Labour Cost for Dismantling +Transportation cost				16,766.00
33	Deduction of salvage value				8,840.00
	Sub Total Rs.				1,203,809.77
	Cess @1%				12,038.10
	Total Estimated Cost				1,215,847.87
	Total Estimated Cost in Figures				1,215,848.00
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)