

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 :- 01 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO 6-F TYPE STAFF QUARTERS AT BRAMHAGIRI FIRE STATION IN THE DISTRICT OF PURI.

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

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
1	INSTALLATION OF 63 KVA S/S.				
1	9 Mtr. long 300 Kg. PSC Pole	No.	1	4260.00	4260.00
2	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	No.	2	284.00	568.00
3	EYE hook for XLPE Aerial bunched Cable	No.	2	85.20	170.40
4	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No.	2	92.30	184.60
5	LT Cable raising Channel(GI) 75x40x4.8 mm GI Channel(GI) (1000 mm long)(7.14Kg./Mtr., 3 No's.) (Each 3x1.000x7.14= 21.42 Kg)	Kg	21.42	106.50	2281.23
6	50x6mm Flat(GI) for earthing, 2.36kg/mtr., (2.5x7 mtr. For mesh formation, 12 Mtr. For LA and 2.5 mtr. For raising, 11 mtr for AB switch, 2.8 mtr for HG Fuse, 5x2 mtr. for DTR Nutral, (1.3+4.5) mtr. For DTR Body, 0.500 mtr for LTDB & AB Switch operating handle, 3 mtr. for Fencing) (Each 65.6x 2.36= 154.81 Kg)	Kg	154.81	106.50	16487.27
7	63 KVA , 11/ 0.4 KV (AL) Transformer, BIS Energy Loss level II, Ammdement-4	No	1	141308.92	141308.92
8	LT Distribution Box with MCCB, Aluminium Busbar of single Bay with kit kat fuse for 63 KVA S/S	No	1	26017.24	26017.24
9	55 SQ.MM. AAAC XLPE Covered Conductor	Mtr	50	99.74	4987.00
10	4 Cx 95 mm ² LT XLPE Cable(Armoured) - FOR 63 KVA Trf.	Mtr	15	499.41	7491.15
11	4 Cx 95 mm ² LT XLPE Cable(Armoured) - From LT DB to Pole	Mtr	40	499.41	19976.40
12	11 KV AB switch (200 Amp, 3 pole)	Set	1	10437.00	10437.00
13	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	8690.00	8690.00
14	Wedge connector for 55 sq. mm conductor	EA	6	100.00	600.00
15	Polycarbonate Bird Guard	No	6	29.40	176.40
16	11 KV Disc insulator polymer type 70 KN	No	3	1633.00	4899.00
17	11 KV H/W fitting polymer type	Pair	3	497.00	1491.00
18	11 KV LA (12KV,10 KA)station class-2	No	3	5041.00	15123.00
19	11 KV Pin Insulator polymer type	No	3	284.00	852.00

20	HT Stay Set (Complete)	Set	2	1491.00	2982.00
21	HT Stay Insulator	No.	2	177.50	355.00
22	HT Stay Clamp(1.95 K.g/Pair)	Pair	2	71.60	143.20
23	7/10 SWG Stay Wire	KG	30	106.50	3195.00
24	GI Pipe for earthing 40mm dia 3mtr long	No	7	1491.00	10437.00
25	GI Nut, Bolt & washers of different sizes	Kg	25	110.76	2769.00
26	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
27	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	2.4072	106.50	256.37
28	Danger plate	Kg	2	113.60	227.20
29	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.6018	106.50	64.09
30	Name Plate	No	1	113.60	113.60
A	A. Sub total				287,224.66
B	B. Stock, Storage & Insurance @ 3% of A				8,616.74
C	Sub Total (C=A+B)				295,841.40
D	T&P @ 2% of C				4,998.51
E	Contingency @ 3% of C				8,875.24
F	Transportation @ 7.5% of C				22,188.11
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				7,277.41
H	Erection Charges @ 20% on PSC Poles				877.56
I	Erection Charges @ 10% for other materials				9,998.93
J	Total				350,057.16
31	Fixing of stay set with 0.5 cum cement concret foundation 1:3:6 size (900x 600x900 mm) using 40 mm BHG metal with all labour and material except stay wire, stay set,stay insulator.	No	2	2301.53	4,603.06
32	Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe.	No	7	3784.73	26,493.11
33	DTR Plinth	No	1	28000.00	28,000.00
34	Laying of 4Cx95 sq.mm LT XLPE cable	Mtr.	55	47.87	2,632.85
35	Supply and Erection of GI fencing with Gate	Sq. Mtr.	16	3682.44	58,919.04
36	Concreting Ratio 1:1:5:3(M-20 Grade)(500 mmx500mmx1500 mm)=0.375 Cu. Mtr.	Cu. Mtr	0.375	6648.85	2,493.32
37	Supply of AL Lugs suitable for 95 sq mm cable/conductor, Crimping with cable and Fixing/connecting include supply and erection of PVC Tape as per voltage requirement.	No	24	92.06	2,209.44
38	Supply and erection of double Compression Flameproof Type Glanding for armored Cable 3.5/4 core 50-95 sq. mm sqmm including making hole in Base plate and dressing of cable along with vermin proofing properly .Supply to be done as per TPCODL Spec and approved make dowells.	No	3	690.46	2,071.38
					127,422.20
	Sub total Rs				477,479.36
III	Construction of LT Line using 4x50+1x50+1X16 sq. mm LT AB Cable- -0.21 Km.				
1	9 Mtr Long 300 KG PSC Pole	No	7	4260.00	29,820.00

2	9 Mtr Long 300 KG PSC Pole(for stud stay)	Set	2	738.40	1,476.80
	LT Accessories with Eye Hook and Clamp				
3	Pole Clamp for Eye Hook for XLPE Aerial bunched cable	Pair	16	284.00	4,544.00
4	Eye Hook for XLPE Aerial Bunched Cable	No	14	85.20	1,192.80
5	Dead End Clamp suitable for messenger XLPE Aerial Bunch Cable (25x70 sqmm)	No	14	92.30	1,292.20
6	Suspension clamp with Eye Hook for ABC (25-70 sqmm)	No	2	482.80	965.60
7	4 Cx50(P)+1Cx50(M)+1CX16 Street Light)sq. mm LT Aerial Bunched Cable	Mtr	220.5	206.22	45,471.51
8	4 way Distribution Box with kit kat Fuse and Aluminium Bus bar	No.	2	3138.20	6,276.40
9	Insulated Piercing connector ,Type-A main 50-150 sq. mm & Tap-50 to 150 sq. mm	No	6	113.08	678.48
10	GI Pipe earthing(each 5th pole to Earth)	No	1	1491.00	1,491.00
11	Coil Earthing	No	6	235.72	1,414.32
12	No-8 GI wire (Dia-4.6mm)	Kg	1.84	106.50	195.43
13	Danger plate (LT)	No	7	113.60	795.20
14	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	2.11	106.5	224.72
15	GI barbed wire/Anticlimbing device 3 kg per support	Kg	21	113.6	2,385.60
16	Back clamp for Anticlimbing Device 25x3 mm , flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	8.43	106.5	897.80
17	GI Nut, Bolt & washers of different sizes	Kg	3.5	110.76	387.66
18	Yellow colour paint for Background	Ltr	14	216.00	3,024.00
19	Black paint	Ltr	7	312.40	2,186.80
A	TOTAL MATERIAL COST				104,720.31
B	Stock, Storage & Insurance @ 3% of A				3,141.61
C	Sub Total (C=A+B)				107,861.92
D	Contingency @3% of C				3,235.86
E	T & P 2% of C				2,126.50
F	Transportation @ 7.5% of C				8,089.64
G	Erection Charges for PSC Pole @ 20%				6,142.92
H	Erection Charges of Joist Poles @ 5%				
I	Erection Charges of other @ 10%				7,561.05
J	Sub Total Rs.				135,017.89
Civil and Services Works (As per Technical Specification)					
24	Fixing of LT complete stay set includes(1) Turn Buckle assembly(2)Stay Rod & stay Plate(3)Stay Insulator(4)Stay Wire(5)stay Clamps with Nuts & Bolts,including excavation supply of 0.5 cum cement concrete foundation 1:2:4 size(500x500x800mm)using 20 mm BHG metal with all Labour and material(Excavation of earth will be done of size500x500x1500mm)	No	2	2301.53	4,603.06
25	Concreting Ratio 1:1::5:3 (500mmX500mmX1500mm)= 0.375Cu.Mtr	Cu.Mtr	2.625	6648.85	17,453.23

26	Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe.	No	1	3784.73	3,784.73
K	Total Services Cost				25,841.02
	Total Material + Services Cost (J+K)				160,858.91
III	Dismantling Charges				
3	Dismantling of 9/8 Mtr. Joist / PSC pole	No.	7	920.61	6,444.27
3	Dismantling of Dead End Clamp	No.	4	88.17	352.68
1	Dismantling of 25 KVA Transformer	No.	1	3262.64	3,262.64
2	Dismantling of LT AB Cable	Mtr.	210	23.02	4,834.20
	Total Rs.				14,893.79
	Sub Total Rs.				653,232.06
	Cess @1%				6,532.32
	Total Estimated Cost				659,764.38
	Total Estimated Cost in Figures				659,764.00
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)