

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 /www.ophwc.nic.in					
PRICE BID FOR THE WORK UNDER SL. NO :- 02 AS PER IFB					
NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO JODUM POLICE STATION IN THE DISTRICT OF CUTTACK.					
BID REF NO :- 27/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.
I	INSTALLATION OF 63 KVA S/S.				
1	9 Mtr. Long 300 KG PSC Pole	No	1	4080.00	4080.00
2	Pole Clamp for Eye Hook for XLPE Areial bunched cable	Pair	2	272.00	544.00
3	Eye Hook for XLPE Areial Bunched Cable	No	2	81.60	163.20
4	Dead End Clamp suitable for messenger XLPE Aerial Bunch Cable	No	2	88.40	176.80
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	102.00	2184.84
6	50x6mm GI Flat for earthing, 2.36kg/mtr., (12.5 Mtr. For L.A, 3 Mtr for AB Switch Body, 2.5 mtr. For mesh formation and 2.5 mtr. For raising)= 20.5x2.36	Kg	110.58	102.00	11279.16
7	63 KVA , 11/0.4 KV (AL) Transformer BIS Energy Level-II	No	1	152486.81	152486.81
8	LT Distrubution Box with MCCB, Aluminim Busbar of single Bay with kit kat Fuse for 63 KVA S/S.	No	1	24917.92	24917.92
9	55 sq. mm All Alloy conductor-PVC insulated	Mtr	50	55.24	2762.00
10	4Cx95 sq. mm LT XLPE cable	Mtr	15	438.71	6580.65
11	4Cx95 sq. mm LT XLPE cable-from LTDB to Pole	Mtr	40	438.71	17548.40
12	11 KV AB switch (200 Amp, 3 pole)	Set	1	9996.00	9996.00
13	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	8323.20	8323.20
14	Wedge connector for 55 sq. mm conductor	EA	6	146.20	877.20
15	11 KV LA (12KV,10 KA)station class-2	No	3	4828.00	14484.00
16	GI Pipe for earthing 40mm dia 3mtr long	No	5	1428.00	7140.00
17	GI Nut, Bolt & washers of different sizes	Kg	10	106.08	1060.80
18	Name Plate	No	1	108.80	108.80
A	A. Sub total				264,713.78
B	B. Stock, Storage & Insurance @ 3% of A				7,941.41
C	Sub Total (C=A+B)				272,655.19
D	T&P @ 2% of C				4,808.97
E	Contingency @ 3% of C				8,179.66
F	Transportation @ 7.5% of C				20,449.14
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				7,853.07

H	Erection Charges @ 20% on PSC Poles				840.40
I	Erection Charges @ 10% for other materials				7,918.46
J	Total				322,704.89
19	PCC ratio 1:3:6(M-10 Grade) For DSS Area (5X3X0.1)= 1.5 Cu. mtr.	Cu. Mtr	0.525	5247.48	2,754.93
20	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	5	3784.73	18,923.65
21	Laying of 4Cx95 sq.mm LT XLPE cable	Mtr.	55	47.87	2,632.85
22	Supply and Erection of GI fencing with Gate	Sq. Mtr.	16	3682.44	58,919.04
23	Supply and erection of GI Pipe of dia. 150mm, Class-B (8Mtr.)	Mtr.	16	1496.91	23,950.56
24	Concreting ratio 1:1.5:3(M-20 Grade) (500mmX500mmX1500mm) = 0.375Cu.mtr(Per Pole) (For PSC Pole)	Cu. Mtr	0.375	6648.85	2,493.32
25	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.	EA	24	92.06	2,209.44
26	Supply and erection of double Compression Flameproof Type Glanding for armored Cable 3.5/4C 50-95sqmm 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.	EA	3	690.46	2,071.38
					113,955.17
	Sub total Rs				436,660.05
II	Construction of LT Line using 4C×50 mm ² Armoured Aluminium Cable -0.165 Km.				
1	9 Mtr. long 300 Kg. PSC Pole	No	5	4080.00	20,400.00
2	LT Stay set Complete	Set	3	707.20	2,121.60
3	7/12 SWG GI stay wire, Grade -2	Kg	36	102.00	3,672.00
4	LT stay Clamp (1.40Kg/pair)	Pair	3	149.60	448.80
5	LT Stay insulator	No	3	40.80	122.40
	LT Accessories with Eye Hook and Clamp				
6	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	Pair	7	272.00	1,904.00
7	EYE hook for XLPE Aerial bunched Cable	No	4	81.60	326.40
8	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	4	88.40	353.60
9	Suspension Clamp with EYE hook for ABC	No	3	462.40	1,387.20
10	4C×50 mm ² Armoured Aluminium Cable	Mtr	173.25	251.48	43,568.91
11	Insulated piercing connector.Type-A-main 50 to 150 sq.mm & Tap-50 to 150 sq.mm	No	4	62.13	248.52
12	Pipe Earthing (each 5th pole to earth)	No	1	1428.00	1,428.00
13	Coil Earthing	No	4	225.76	903.04

14	No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr.- 2 Mtr. For connecting pole with Coil earthing	Kg	1.3	102	132.60
15	Danger plate (LT)	Kg	5	108.8	544.00
16	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	1.5	102.00	153.00
17	GI barbed wire anticlimbing device 3 Kg. Per support	Ltr	15	108.80	1,632.00
18	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	6.02	102.00	614.04
19	GI Nut , Bolt & Washer of different sizes (0.5 Kg/ Pole)	Kg	2.5	106.08	265.20
20	Black Paint	Ltr.	5	299.20	1,496.00
21	Yellow Colour Paint for Background	Ltr	10	167.46	1,674.60
A	TOTAL MATERIAL COST				83,395.91
B	Stock, Storage & Insurance @ 3% of A				2,501.88
C	Sub Total (C=A+B)				85,897.79
D	Contingency @3% of C				2,576.93
E	T & P 2% of C				1,557.42
F	Transportation @ 7.5% of C				6,442.33
G	Erection Charges for PSC Pole @ 20%				4,202.40
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				5,685.92
J	Sub Total Rs.				106,362.79
Civil and Services Works (As per Technical Specification)					
22	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	3	2301.53	6904.59
23	Concreting Ratio 1:1::5:3 (500mmX500mmX1500mm)= 0.375Cu.Mtr	Cu.Mtr	1.875	6648.85	12,466.59
24	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				23,155.91
	Total Material + Services Cost (J+K)				129,518.71
III	Dismantling Charges				
1	Dismantling of existing Transformer including removal of HT/LT leads, earth connections and unloading by crane if required.	No	1	1534.35	1,534.35
2	Dismantling of 11 KV/33 KV GO/AB Switch,isolator /DD Fuse/Fuse set	Set	1	1200.00	1,200.00
3	Dismantling of Lightning Arrester	EA	3	162.12	486.36

4	Dismantling of 3-phase DD Fuse/Fuse set	No.	1	668.75	668.75
	Total Rs.				3,889.46
	Sub Total Rs.				570,068.22
	Cess @1%				5,700.68
	Total Estimated Cost				575,768.91
	Total Estimated Cost in Figures				575,769.00
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)