

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
[Electrical Division]
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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 6-F TYPE STAFF QUARTERS AT LOCK POLICE STATION, PARADEEP IN THE DISTRICT OF JAGATSINGHPUR.

BID REF NO :-25/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	UPGRADATION OF S/S FROM 25 KVA TO 63 KVA S/S.				
1	63 KVA , 11/ 0.4 KV (AL) Transformer, BIS Energy Loss level II, Ammendment-4	No	1	141308.92	141308.92
2	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
3	55 SQ.MM. AAAC XLPE Covered Conductor	Mtr	50	99.74	4987.00
4	4 Cx 95 mm2 LT XLPE Cable(Armoured) - FOR 63 KVA Trf.	Mtr	15	499.41	7491.15
5	4 Cx 95 mm2 LT XLPE Cable(Armoured) - From LT DB to Pole	Mtr	40	499.41	19976.40
6	11 KV AB switch (200 Amp, 3 pole)	Set	1	10437.00	10437.00
7	Wedge connector for 55 sq. mm conductor	EA	6	100.00	600.00
8	Polycarbonate Bird Guard	No	6	29.40	176.40
9	11 KV LA (12KV,10 KA)station class-2	No	3	5041.00	15123.00
10	GI Nut, Bolt & washers of different sizes	Kg	25	110.76	2769.00
11	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
12	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

13	Danger plate	Kg	2	113.60	227.20
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	0.6018	106.50	64.09
15	Name Plate	No	1	113.60	113.60
	Structure Numbering and marking				
16	Yellow colour paint for Background	Ltr	2	216.00	432.00
17	Black colour paint for numbering	Ltr	1	312.40	312.40
A	A. Sub total				230,973.37
B	B. Stock, Storage & Insurance @ 3% of A				6,929.20
C	Sub Total (C=A+B)				237,902.57
D	T&P @ 2% of C				4,192.22
E	Contingency @ 3% of C				7,137.08
F	Transportation @ 7.5% of C				17,842.69
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				
I	Erection Charges @ 10% for other materials				6,406.28
J	Total				280,758.25
II	Construction of LT Line using 4x50+1x50+1X16 sq. mm LT AB Cable- -0.1 Km.				
1	9 Mtr Long 300 KG PSC Pole	No	3	4260.00	12,780.00
2	LT stay set complete	Set	7	738.40	5,168.80
3	7/12 SWG GI stay wire, Grade-2	Kg	84	106.50	8,946.00
4	LT stay clamp	Pair	7	156.20	1,093.40
5	LT stay set Insulator	No	7	42.60	298.20
	LT Accessories with Eye Hook and Clamp				
6	Pole Clamp for Eye Hook for XLPE Aerial bunched cable	Pair	4	284.00	1,136.00
7	Eye Hook for XLPE Aerial Bunched Cable	No	2	85.20	170.40
8	Dead End Clamp suitable for messenger XLPE Aerial Bunch Cable (25x70 sqmm)	No	2	92.30	184.60
9	Suspension clamp with Eye Hook for ABC (25-70 sqmm)	No	2	482.80	965.60
10	4 Cx50(P)+1Cx50(M)+1CX16 Street Light)sq. mm LT Aerial Bunched Cable	Mtr	105	206.22	21,653.10

11	GI pipe earthing	No	1	1491.00	1,491.00
12	Coil Earthing	No	2	235.72	471.44
13	No-8 GI wire (Dia-4.6mm)	Kg	0.79	106.50	83.71
14	Danger plate (LT)	No	3	113.60	340.80
15	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.9	106.5	95.85
16	GI barbed wire/Anticlimbing device 3 kg per support	Kg	9	113.6	1,022.40
17	Back clamp for Anticlimbing Device 25x3 mm , flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	3.61	106.5	384.47
18	GI Nut, Bolt & washers of different sizes	Kg	1.5	110.76	166.14
19	Yellow colour paint for Background	Ltr	6	216.00	1,296.00
20	Black paint	Ltr	3	312.40	937.20
A	TOTAL MATERIAL COST				58,685.10
B	Stock, Storage & Insurance @ 3% of A				1,760.55
C	Sub Total (C=A+B)				60,445.66
D	Contingency @3% of C				1,813.37
E	T & P 2% of C				858.77
F	Transportation @ 7.5% of C				4,533.42
G	Erection Charges for PSC Pole @ 20%				2,632.68
H	Erection Charges of Joist Poles @ 5%				
I	Erection Charges of other @ 10%				2,977.64
J	Sub Total Rs.				73,261.54
Civil and Services Works (As per Technical Specification)					
21	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	7	2301.53	16,110.71
22	Concreting Ratio 1:1::5:3 (500mmX500mmX1500mm)= 0.375Cu.Mtr	Cu.Mtr	1.125	6648.85	7,479.96

23	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				27,375.40
	Total Material + Services Cost (J+K)				100,636.94
III	Dismantling of existing 11/0.4kV, 33/0.4KV, Three Phase Distribution Transformer 25KVA including removal of HT/LT leads, earth connections and unloading by crane if required.	No.	1	1534.35	1,534.35
	Sub Total Rs.				382,929.54
	Cess @1%				3,829.30
	Total Estimated Cost				386,758.83
	Total Estimated Cost in Figures				386,759.00
EXCESS ☐ LESS ☐ (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)**