

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 FOR POWER SUPPLY TO 6-E+6-F TYPE STAFF QUARTERS AT NIRAKARPUR POLICE STATION IN THE DISTRICT OF KHURDA.

BID REF NO :-80/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	UPGRADATION OF S/S FROM 25 KVA TO 100 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	AB switch mounting channel 75x40x4.8 mm GI channel, 3000 mm Long (7.14 kg/mtr,2 Nos.)	Kg	42.84	106.50	4562.46
7	AB witch side support channel 100x50x6 mm GI channel (0.35Mtr Long)(9.56 kg/mtr,2 Nos.)	Kg	6.69	106.50	712.49
8	HG/DO fuse Mounting channel 75x40x4.8 mm GI channel(3000 mm Long) (7.14 kg/mtr,2 Nos.)	Kg	42.84	106.50	4562.46
9	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
10	100 KVA , 11/ 0.4 KV (AL) Transformer, BIS Energy Loss level II, Ammendment-4	No	1	193901.46	193901.46
11	LT Distribution Box with MCCB, Aluminium Busbar of 2 Bay with kit kat fuse for 100 KVA S/S	No	1	34674.98	34674.98
12	55 SQ.MM. AAAC XLPE Covered Conductor	Mtr	50	99.74	4987.00
13	4 Cx 150 mm ² LT XLPE Cable(Armoured) - FOR 100 KVA Trf.	Mtr	15	805.08	12076.20
14	1.1 kv 4 CORE 150 SQ. MM xlpe Insulation armoured-aluminium UG cable from LTDB to Pole	Mtr	40	805.08	32203.20
15	11 KV AB switch (400 Amp, 3 pole)	Set	1	16827.00	16827.00
16	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	8690.40	8690.40
17	Wedge connector for 55 sq. mm conductor	EA	6	100.00	600.00
18	11 KV LA (12KV,10 KA)station class-2	No	3	5041.00	15123.00

19	GI Pipe for earthing 40mm dia 3mtr long	No	7	1491.00	10437.00
20	GI Nut, Bolt & washers of different sizes	Kg	25	110.76	2769.00
21	Name Plate	No	1	113.60	113.60
	Structure Numbering and marking				
22	Yellow colour paint for Background	Ltr	2	216.00	432.00
23	Black colour paint for numbering	Ltr	1	312.40	312.40
A				A. Sub total	366,936.14
B				B. Stock, Storage & Insurance @ 3% of A	11,008.08
C				Sub Total (C=A+B)	377,944.22
D				T&P @ 2% of C	6,431.75
E				Contingency @ 3% of C	11,338.33
F				Transportation @ 7.5% of C	28,345.82
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				9,985.93
H				Erection Charges @ 20% on PSC Poles	877.56
I				Erection Charges @ 10% for other materials	11,748.09
J				Total	446,671.70
21	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
22	DTR Plinth	No.	1	28000.00	28,000.00
23	Laying of 4Cx150 sq.mm LT XLPE cable	Mtr.	55	73.65	4,050.75
24	Supply and Erection of GI fencing with Gate	Sq. Mtr.	16	3682.44	58,919.04
25	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
26	Supply of AL Lugs suitable for 150 sq mm cable/conductor, Crimping with cable and Fixing/connecting include supply and erection of PVC Tape as per voltage requirement.	No	24	156.50	3,756.00
27	Supply and erection of double Compression Flameproof Type Glanding for armored Cable 3.5/4 core 120-185 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	920.61	2,761.83
					126,474.05
				Sub total Rs	573,145.75
III	Construction of LT Line using 4x95+1x95+1X16 sq. mm LT AB Cable- -0.38 Km.				
1	9 Mtr Long 300 KG PSC Pole	No	15	4260.00	63,900.00
2	LT stay set complete	Set	9	738.40	6,645.60
3	7/12 SWG GI stay wire, Grade-2	Kg	108	106.50	11,502.00
4	LT stay clamp	Pair	9	156.20	1,405.80
5	LT stay set Insulator	No	9	42.60	383.40
	LT Accessories with Eye Hook and Clamp				
6	Pole Clamp for Eye Hook for XLPE Areial bunched cable	Pair	24	284.00	6,816.00
7	Eye Hook for XLPE Areial Bunched Cable	No	16	85.20	1,363.20
8	Dead End Clamp suitable for messenger XLPE Aerial Bunch Cable (25x70 sqmm)	No	16	92.30	1,476.80

9	Suspension clamp with Eye Hook for ABC (25-70 sqmm)	No	8	482.80	3,862.40
10	4 Cx95(P)+1Cx95(M)+1CX16 Street Light)sq. mm LT Aerial Bunched Cable	Mtr	399	447.62	178,600.38
11	4 way service Distribution Box with Kitkat Fuse and and Aluminium Bus Bar	Nos.	3	3138.20	9,414.60
12	Insulated Piercing connector ,Type-A main 50-150 sq. mm & Tap-50 to 150 sq. mm	No	12	113.08	1,356.96
13	Coil Earthing	No	15	235.72	3,535.80
14	No-8 GI wire (Dia-4.6mm)	Kg	3.9	106.50	415.35
15	Danger plate (LT)	No	15	113.60	1,704.00
16	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	4.54	106.5	483.51
17	GI barbed wire/Anticlimbing device 3 kg per support	Kg	45	113.6	5112.00
18	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	18.05	106.5	1922.33
19	GI Nut, Bolt & washers of different sizes	Kg	7.5	110.76	830.70
20	Yellow colour paint for Background	Ltr	30	216.00	6,480.00
21	Black paint	Ltr	15	312.40	4,686.00
A	TOTAL MATERIAL COST				311,896.83
B	Stock, Storage & Insurance @ 3% of A				9,356.90
C	Sub Total (C=A+B)				321,253.73
D	Contingency @3% of C				9,637.61
E	T & P 2% of C				6,014.39
F	Transportation @ 7.5% of C				24,094.03
G	Erection Charges for PSC Pole @ 20%				13,163.40
H	Erection Charges of Joist Poles @ 5%				
I	Erection Charges of other @ 10%				23,490.27
J	Sub Total Rs.				397,653.43

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	9	2301.53	20713.77
23	Concreting Ratio 1:1:5:3(M-20 Grade)(500 mmx500mmx1500 mm)=0.375 Cu. Mtr.	Cu.Mtr	5.625	6648.85	37,399.78
	Total Services Cost				58,113.55
	Total Material + Services Cost (J+K)				455,766.98
	Dismantling Charges				
1	Dismantling of 25 KVA S/S	No.	1	1534.35	1,534.35
2	Dismantling of LA	No.	3	162.12	486.36

Total Rs.					2,020.71
				Sub Total Rs.	1,030,933.44
				Cess @1%	10,309.33
				Total Estimated Cost	1,041,242.77
				Total Estimated Cost in Figures	1,041,243.00
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)