

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 :- 01 AS PER IFB

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

BID REF NO :-20/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	INSTALLATION OF 63 KVA S/S.				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	2	36804.27	73608.54
2	9 Mtr. Long 300 KG PSC Pole	No	1	4260.00	4260.00
3	Pole Clamp for Eye Hook for XLPE Aerial bunched cable	Pair	2	284.00	568.00
4	Eye Hook for XLPE Aerial Bunched Cable	No	2	85.20	170.40
5	Dead End Clamp suitable for messenger XLPE Aerial Bunch Cable	No	2	92.30	184.60
6	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
7	Top channel GI 100x50x6 mm 3000 mm Long(9.56 kg/Mtr.,2 Nos.)	Kg	57.36	106.50	6108.84
8	Fish Plate 50x6 mm ,2.36 Kg/Mtr.,each 0.280 Mtr., 6 nos. required	Kg	3.9648	106.50	422.25
9	MU channel 75x40x4.8 mm GI channel, 3000 mm Long (7.14 kg/mtr,2 Nos.)	Kg	42.84	106.50	4562.46
10	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
11	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
12	Channel support for down pipe 75x40x4.8 mm GI channel(7.14 kg/mtr,2 Nos.)each channel length 0.8 Mtr.	Kg	5.711	106.50	608.22
13	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
14	Cantilever suport channel75x40x4.8 mm GI channel(810 mm Long,2 Nos.)(7.14 kg/mtr,2 Nos.)	Kg	11.57	106.50	1232.21
15	Cantilever suport angle 50x50x6 mm GI (1282 mm Long)(4.5 kg/mtr,2 Nos.)	Kg	11.54	106.50	1229.01
16	Transformer Base GI Channel 100 X 50 X 6 MM (3000 mm long) (9.56Kg./Mtr, 2 No's.) (Each 2x3.000x9.56= 57.36 Kg)	Kg	57.36	106.50	6108.84
17	Transformer Base Support GI Channel 100 X 50 X 6 MM (515 mm long) (9.56Kg./Mtr, 2 No's) (Each 2x0.515x9.56= 9.85Kg)	Kg	9.85	106.50	1049.03

18	Transformer Belting Angle 50 X 50 X 6MM GI (3000 mm long)(4.5Kg./Mtr, 2 No's) (Each 2x3.0x4.5 Kg)	Kg	27	106.50	2875.50
19	Transformer Belting Support Angle 50 X 50 X 6MM GI (580 mm long)(4.5Kg./Mtr,2 No's) (Each 2x0.580x4.5= Kg)	Kg	5.22	106.50	555.93
20	LTDB Mounting Angle 50 X 50 X 6MM GI (1000 mm long)(4.5Kg./Mtr, 2 No's) (Each 2x1x4.5 Kg)	Kg	9	106.50	958.50
21	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
22	63 KVA , 11/ 0.4 KV (AL) Transformer, BIS Energy Loss level II, Ammendment-4	No	1	141308.92	141308.92
23	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
24	55 SQ.MM. AAAC XLPE Covered Conductor	Mtr	50	99.74	4987.00
25	4 Cx 95 mm2 LT XLPE Cable(Armoured) - FOR 63 KVA Trf.	Mtr	15	499.41	7491.15
26	4 Cx 95 mm2 LT XLPE Cable(Armoured) - From LT DB to Pole	Mtr	40	499.41	19976.40
27	11 KV AB switch (200 Amp, 3 pole)	Set	1	10437.00	10437.00
28	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	8690.00	8690.00
29	Wedge connector for 55 sq. mm conductor	EA	6	100.00	600.00
30	Polycarbonate Bird Guard	No	6	29.40	176.40
31	11 KV Disc insulator polymer type 70 KN	No	3	1633.00	4899.00
32	11 KV H/W fitting polymer type	Pair	3	497.00	1491.00
33	11 KV LA (12KV,10 KA)station class-2	No	3	5041.00	15123.00
34	11 KV Pin Insulator polymer type	No	3	284.00	852.00
35	HT Stay Set (Complete)	Set	2	1491.00	2982.00
36	HT Stay Insulator	No.	2	177.50	355.00
37	HT Stay Clamp(1.95 K.g/Pair)	Pair	2	71.60	143.20
38	7/10 SWG Stay Wire	KG	30	106.50	3195.00
39	GI Pipe for earthing 40mm dia 3mtr long	No	7	1491.00	10437.00
40	GI Nut, Bolt & washers of different sizes	Kg	25	110.76	2769.00
41	GI barbed wire/Anticlimbing device	No	6	113.60	681.60
42	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
43	Danger plate	Kg	2	113.60	227.20
44	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
45	Name Plate	No	1	113.60	113.60
	Structure Numbering and marking				
46	Yellow colour paint for Background	Ltr	2	216.00	432.00
47	Black colour paint for numbering	Ltr	1	312.40	312.40
A	A. Sub total				397,125.79
B	B. Stock, Storage & Insurance @ 3% of A				11,913.77
C	Sub Total (C=A+B)				409,039.56
D	T&P @ 2% of C				7,262.46
E	Contingency @ 3% of C				12,271.19

F	Transportation @ 7.5% of C				30,677.97
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				11,068.25
H	Erection Charges @ 20% on PSC Poles				877.56
I	Erection Charges @ 10% for other materials				13,736.96
J	Total				484,933.95
48	Concreting Ratio 1:1:5:3(500 mmx500mmx1800 mm)=0.45 Cu. Mtr.	Cum	0.9	6648.85	5,983.97
49	Couping Ratio 1:1:5:3 with dimension(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	Cu. Mtr	0.226	6648.85	1,502.64
50	PCC ratio 1:3:6(M-10) grade for DSS area (3.5x2.5x0.1)=0.875 Cu Mtr.	Cu. Mtr	1.5	5247.48	7,871.22
51	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
52	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
53	Laying of 4Cx95 sq.mm LT XLPE cable	Mtr.	55	47.87	2,632.85
54	Supply and Erection of GI fencing with Gate	Sq. Mtr.	16	3682.44	58,919.04
55	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
56	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
57	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
					114,780.02
				Sub total Rs	599,713.97
II	Dismantling charges				
1	Dismantling of RSJ/WPB Pole	No.	2	1380.92	2,761.84
2	Dismantling of existing 11/0.4kV, 33/0.4KV, Three Phase Distribution Transformer 25 KVA including removal of HT/LT leads, earth connections and unloading by crane if required.	No.	1	1534.35	1,534.35
3	Dismantling of 11 kV /33KV GO/AB Switch/Isolator/DD fuse/fuse set	Set	1	1200.00	1,200.00
4	Dismantling of all accessories	No.	1	267.59	267.59
					5,763.78
				Sub Total Rs.	605,477.75

		Cess @1%	6,054.78
		Total Estimated Cost	611,532.53
		Total Estimated Cost in Figures	611,533.00
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)