

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 :- 06 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 10 CAPACITY HOSPITAL WARD, 50 CAPACITY ADDITIONAL WARD AND DINING-CUM-CONFERENCE HALL AT SUB-JAIL, UMERKOTE IN THE DISTRICT OF NABARANGAPUR.

BID REF NO.- 100/PM/ELECT/OPHWC/2023-24

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
PART-I	UPGRADATION OF TFR FROM of 63 KVA 11/0.4 KV TO 100 KVA 11/0.4KV sub station - 1 No.				
1	Top Pressure Channel 100x50x6mm MS channel each 2.8 mtr long(9.2K.g/mtr)GI	K.g	51.52	97.50	5023.20
2	AB switch &HG fuse mounting channel(75x40x6)mm,GI channel each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	97.50	7425.60
3	Cantilever Channel for supporting HG Fuse 75x40x6mm. MS Angle 1 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	97.50	1326.00
4	Cantilever Channel for supporting HG Fuse 50x50x6mm MS Angle 1 mtr. Long 2 Nos. (4.5 kg./mtr.)GI	Kg.	9	97.50	877.50
5	Cantilever Channel for supporting arrangement AB switch 50x50x6mm MS Angle 2 mtr. Long 2 Nos. (4.5 kg./mtr.)GI	Kg.	18	97.50	1755.00
6	Angle for mounting LT Distribution Box (50x50x6)mm 3 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	13.5	97.50	1316.25
7	11 KV HW fitting 3 Bolt T&C	No	3	169.00	507.00
8	Disc insulator 45 KN (T&C) Polymer	No.	3	1118.00	3354.00
9	11KV AB switch 3 pole(400 Amp)	Set	1	15405.00	15405.00
10	11KV HG fuse 3 pole(400 Amp)	Set	1	14989.00	14989.00
11	9KV 5KA LA, Station class	No.	3	1274.00	3822.00
12	LT Distribution Box with MCCB, Aluminium Bus Bar for 2 bay with Kitkat fuse for 100 KVA S/S.	No	1	31744.70	31744.70
13	40 mm Nominal bore GI Pipe Medium gauge earthing device 3 mtrs long	No	3	1365.00	4095.00
14	Materials for earthing including massonary work for eathpit, charcoal,salt & RCC cover etc.	No	3	1500.00	4500.00
15	No. 6 GI Wire for earthing	Kg	20	97.50	1950.00
16	GI Flat 25x6 mm for neutral & body earthing of DTR	Kg	20	97.50	1950.00
17	GI Nuts and Bolts of assorted size	Kg	20	101.40	2028.00

18	100 KVA ,11/0.4 KV(AL) Transformer BIS energy Level-II	No	1	152100.00	152100.00
19	LT 3.5 core ,95 sq. mm PVC cable(Unarmoured)	Mtr.	6	432.90	2597.40
20	Back clamp for ACD (25x3 mm GI earth Flat,0.59 Kg/Mtr. & 0.51 Mtr. For each Back Clamp.)	Kg	0.602	97.50	58.70
21	Sundries (Paint,insulating tape,clamp connector,jumpering materials,socket & other accessories etc.	LS	1	3500.00	3500.00
A.Sub Total Rs.					260324.35
B	Stock,storage and insurance (@3% on A)				7809.73
C	TOTAL RS.				268134.08
D	T&P @ 2% of C				5362.68
E	Contingency @ 3% of C				8044.02
F	Transportation @ 7.5% of C				20110.06
G	Erection charges @ 10% on others ,5% on Dist. Transformers and 20% on PSC poles				18980.26
H	TOTAL RS.				320631.09
22	Concreting of support CC 1:3:6 using 40 mm size HBG metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3037 cum	Nos.	3	1270.00	3810.00
23	Brick Boundary wall for fencing of 5" height with 9" wall for area 8ft x 12ft	Ls	1	40000.00	40000.00
24	MS Grill gate 1.5mtr (h) x 1.5mtr (w) made of 35x35x6 mm Angel and 25x6mm flat (Angel for outside boarder with horizontal & vertical crossing for i)35x35x6mm MS Angel=1.5mtr x 4 = 6mtr @ 3kg/mtr = 18kg@ Rs.93.00/kg=Rs.1674.00/- (with galvanisation charges) ii) 25x6 mm GI flat = 1.5mtr x8x2=24mtr@1.2kg/mtr=28.8kg@Rs.93.00/kg= Rs.2678.80 iii) Painting of gate with 2 coat= Rs.200/- (LS) Total = Rs.(1674+2678+200)= Rs.4552.80	No	1	4552.80	4552.80
25	Filling Sand @ 431.60/cmt for(8ft x 12ft x 1/2ft) = 48 Cft= 1.359Cm. i.e 1.359 x 431.60= 586.54 or 587.00	Ls	1	587.00	587.00
26	40MM Size HBG Metal @ Rs.981.36/cmt for (8ft x 12ft x 1/4ft) = 24Cft = 0.679Cmt i.e. 0.679 x 981.36 = 666.75 or say Rs. 667.00		1	667.00	667.00
27	Sundries (Danger Board,anticlimbing device etc.)	LS	1	350.00	350.00
					49966.80
				Total Rs.	3,70,597.89
PART-II SERVICE CONNECTION					
1	LT 3.5 core PVC cable	Mtr.	30	263.9	7917
2	No.8 GI wire	Kg	3	97.50	292.50
3	Insulated Piercing connector type-B main 16 to 95 sq. mm tap 2.5 to 10 sq. mm	No	3	52.00	156.00
4	Neutral connector type-B suitable for main 35-70 sq. mm AAAC & tap 2.5 to 10 sq. mm service cable cover by black weather resistant insulation cover.	No.	1	42.90	42.90
5	Kit-kat Fuse-200 Amp	No.	3	647.40	1942.20

6	GI S/C bracket	No.	1	351.00	351.00
7	Sundries	LS	1	300.00	300.00
	A.Sub Total Rs.				11001.60
B	Stock,storage and insurance (@3% on A)				330.05
C	TOTAL RS.				11331.65
D	T&P @ 2% of C				226.63
E	Contingency @ 3% of C				339.95
F	Transportation @ 7.5% of C				849.87
G	Erection charges @ 10% on others ,5% on Dist. Transformers and 20% on PSC poles				1133.16
H	TOTAL RS.				13881.27
	Total Estimated Cost				3,84,479.16
	Total Estimated Cost in Figures				3,84,479.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)				_____ %
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/-
D.M (Elect) I/C

Sd/-
Project Manager(Elect.)