


QUOTATION

Name of work :- Electrical maintenance work at High speed aero dynamics lab., NCC office, NL-II R-101 etc. Academic area as per enclosed pingala requested by User with all allied works as required in the campus at IIT Kanpur.

Sl. No	Description	QTY	Unit	Estimated rate without GST	Estimated Amount without GST
1	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
a)	1 x 1.5 sq. mm	5.00	Metre	39.46	197.28
b)	3 x 1.5 sq. mm	45.00	Metre	83.30	3748.36
c)	3 x 2.5 sq. mm	2.00	Metre	120.12	240.25
d)	3 x 4 sq. mm	5.00	Metre	180.62	903.11
2	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
a)	4 way (4+12), Double door	1.00	No.	6586.58	6586.58
3	Supplying and fixing following rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a)	Single pole 5 A to 32 A	7.00	No.	224.46	1571.24
b)	Triple pole 5 A to 32 A	1.00	No.	882.95	882.95
c)	Single Pole (40A-63A)	2.00	Nos.	741.78	1483.56
d)	Four Pole (40A-63A)	1.00	Nos.	3188.95	3188.95
4	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	5.00	Metre	213.94	1069.71
5	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/cable as required.	40.00	Metre	36.83	1473.04
6	Laying of one no. PVC insulated, PVC sheathed / XLPE power cable of 1.1kV grade of size not exceeding 35 sq.mm. of 1.1kV grade of following place etc. as reqd.				0.00
a)	direct in ground l/c excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.	17.00	Mtr.	339.32	5768.52
b)	In pipe	7.00	Mtr.	32.44	227.09
c)	In open duct	8.00	Mtr.	24.55	196.41

d)	On surface with MS clamp	3.00	Mtr.	48.22	144.67
7	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
a)	3½ X 35 sq. mm	2.00	No.	323.54	647.08
8	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc as required				
a)	50 mm	7.00	Mtr.	668.26	4677.82
9	Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CM/M/W) minimum 6.00, Air delivery minimum 210 Cum/Min , 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.	1.00	Nos	2393.69	2393.69
10	Supplying of one no. 3.5 x 35 sqmm PVC insulated, XLPE steel armoured aluminium conductor power cable of grade 1.1 kV as required complete.	35.00	Meter	248.37	8693.07
11	Supply and fixing of 32 x 20 mm DLP mini-trunking white-system with independent cover etc. as required complete.	45.00	Meter	234.98	10574.31
12	Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system.				0.00
a)	End cap	5.00	Nos.	156.95	784.74
b)	internal / external angle	5.00	Nos.	151.69	758.44
c)	changeable flat angle	2.00	Nos.	127.14	254.27
d)	flat junction	2.00	Nos.	149.93	299.87
13	S & F following size of steel flexible pipe along with the accessories on surface etc as required				
a)	32 mm	1.00	Meter	83.30	83.30
14	Supply, installation, testing and commissioning of following LED lamp in existing fitting as required complete.				
a)	20 watt ESENTIAL PHILIPS or equivalent Tube in place of 36/40 W FL tube	1.00	Nos.	313.90	313.90
15	Supply and fixing of following LED light fixture with efficiency >100 lumen/ watt, P.F. >0.95, THD<10%, Electronic driver, LED lamp, reflector, diffuser, MS/Aluminium body/housing holder etc. complete with all fixing accessories and lamp as required complete.				
a)	1 X 20W Box type LED tube with fitting	1.00	Nos.	827.71	827.71

b)	2 X 20W LED tube with fitting	1.00	Nos.	1170.54	1170.54
c)	18 watt recess 300 x 300 mm mounting LED light fixture	2.00	Nos.	2287.59	4575.19
d)	18 watt surface mounting 300 x 300 mm LED light fixture	10.00	Nos.	2883.82	28838.23
e)	36 watt recess mounting LED light fixture 600 x 600 mm	1.00	Nos.	4665.50	4665.50
16	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
a)	5/6 A switch	4.00	No.	90.31	361.25
b)	3 pin 5/6 A socket outlet	2.00	No.	106.97	213.94
c)	two module stepped type electronic fan regulator	1.00	No.	323.54	323.54
d)	Blanking Plate	1.00	No.	35.07	35.07
17	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
a)	lor 2 Module	2.00	No.	116.62	233.23
b)	3 Module	1.00	No.	132.40	132.40
18	Supplying and fixing following size/ modules, plastic box for modular switches in recess etc as required.				
a)	1 or 2 Module	2.00	Nos.	304.25	608.51
b)	3 Module	1.00	Nos.	323.54	323.54
19	Supply and installation of 400mm sweep AC 230/250 volts, 50 Hz wall mounting revolving fan with brackets etc complete.	1.00	Nos.	2761.95	2761.95
20	Dismantling, and refixing of light fitting/ ceiling fan/ bulkhead fitting with bracket etc. as reqd.	1.00	Nos.	99.96	99.96
21	Locating fault in wiring rectifying removing & restoring supply the same & making good the damages etc as reqd.	1.00	Nos.	377.03	377.03
				Estimated Amount Rs.	102709.78
				Say Rs.	1,02,710.00
				Please quote percentage above/below(%)=	


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