


## QUOTATION

Name of work :- Electrical maintenance work at central workshop, Nano Science, ESB-1, CC-222, & Old TA-202 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	Quotated rate without GST(Rs.)	Quotated Amount without GST(Rs.)
1	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/PVC conduit including dismantling as required.				
a)	Group C	8.00	Point	783.87	6270.93
2	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	30.00	Metre	39.46	1183.69
b)	3 x 1.5 sq. mm	80.00	Metre	83.30	6663.74
c)	3 x 2.5 sq. mm	75.00	Metre	120.12	9009.21
d)	3 x 4 sq. mm	15.00	Metre	180.62	2709.34
3	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.				
a)	25 mm	1.00	Metre	224.46	224.46
4	Supply and fixing of 32 x 20 mm DLP mini-trunking white-system with independent cover etc. as required complete.	110.00	Meter	234.98	25848.31
5	Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system.				
a)	End cap	15.00	Nos.	156.95	2354.23
b)	internal / external angle	15.00	Nos.	151.69	2275.32
c)	changeable flat angle	10.00	Nos.	127.14	1271.37
d)	flat junction	2.00	Nos.	149.93	299.87
6	S & F following size of steel flexible pipe along with the accessories on surface etc as required				
a)	25 mm	20.00	Meter	71.02	1420.43
b)	32 mm	1.00	Meter	83.30	83.30
7	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	1.00	Metre	213.94	213.94
8	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

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9	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	2.00	Nos.	827.71	1655.41
b)	18 watt surface 300 x 300 mm mounting LED light fixture	4.00	Nos.	2883.82	11535.29
c)	36 watt recess mounting LED light fixture 600 x 600 mm	2.00	Nos.	4665.50	9331.00
10	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	13.00	No.	90.31	1174.05
b)	15/16 A switch	4.00	No.	136.78	547.13
c)	3 pin 5/6 A socket outlet	7.00	No.	106.97	748.79
d)	6 pin 15/16 A socket outlet	4.00	No.	172.73	690.93
f)	two module stepped type electronic fan regulator	2.00	No.	323.54	647.08
g)	Blanking Plate	2.00	No.	35.07	70.14
11	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
a)	1 or 2 Module	6.00	No.	116.62	699.69
b)	3 Module	1.00	No.	132.40	132.40
c)	4 Module	1.00	No.	138.54	138.54
d)	6 Module	5.00	No.	159.58	797.90
e)	12 Module	1.00	No.	238.49	238.49
12	Supplying and fixing following size/ modules, plastic box for modular switches in recess etc as required.				
a)	1 or 2 Module	6.00	Nos.	304.25	1825.52
b)	3 Module	1.00	Nos.	323.54	323.54
c)	4 Module	1.00	Nos.	348.09	348.09
d)	6 Module	5.00	Nos.	382.29	1911.44
e)	12 Module	1.00	No.	842.61	842.61
13	Supply and Fixing, 20 Amp. Plug top for 2P+E industrial socket and top assembly as required complete.	1.00	Nos.	220.96	220.96
14	Supply and Fixing, 32 Amp. socket for 2P+E industrial socket and top assembly as required complete.	1.00	Nos.	240.25	240.25
15	Supply and installation of 400mm sweep AC 230/250 volts, 50 Hz wall mounting revolving fan with brackets etc complete.	1.00	Nos.	2206.05	2206.05
16	Dismantling, disconnecting old damaged unserviceable fl fitting/ exhaust fan/ ceiling fan/ bulkhead fitting with bracket etc. as reqd. and depositing in sectional store.	1.00	Nos.	99.96	99.96

Sl. No	Description	QTY	Unit	Quotated rate without GST(Rs.)	Quotated Amount without GST(Rs.)
17	Supplying & fixing 3mm (1/8") thick phenolic laminated sheet on existing board with screw & washer etc, as required.	100.00	Sq.cm.	0.77	77.16
18	Locating fault in wiring rectifying removing & restoring supply the same & making good the damages etc as reqd.	1.00	Nos.	377.03	377.03
19	Supplying and fixing following modular switch/ socket fixing on the existing clip-on frame fixed on 85mm cover of 105 x 50 mm DLP plastic trunking including connections etc. as required complete.				
a)	6 A switch	1.00	No.	244.63	244.63
b)	20 A switch	1.00	No.	442.79	442.79
c)	6 A pin 2/3 pin socket outlet	1.00	No.	291.98	291.98
d)	6/16 A 3 pin socket outlet	1.00	No.	569.93	569.93
20	Supplying, installation of Clip-on frame with finishing plate for 85mm cover for DLP plastic trunking 105mm x 50mm etc. as reqd.				
a)	3 module	1.00	Nos.	313.02	313.02
b)	6 module	1.00	Nos.	419.11	419.11
21	Supplying and fixing connecting and commissioning of AC 230/250 volts, 50 HZ, 250 mm sweep fresh air fan including providing nuts, bolts, mounting frame and other accessories etc. complete	2.00	Nos.	1817.62	3635.25
22	Extra for cutting and drilling hole in down rod of 15mm dia GI pipe for ceiling fan etc. as required complete.	5.00	Nos.	77.16	385.80
23	Supplying and fixing exhaust fan shutter for following sizes exhaust fan on rag bolts as reqd complete.				
a)	for 450 mm / 18" sweep	2.00	Nos.	984.66	1969.31
24	Laying UTP cable enhanced cat 5/cat 6 cable in existing steel conduit pipe/GI pipe/ raceway / RCC pipe as reqd. the cost shall also include numbering of networking wire from room to rack as reqd. (wire will be supplied by dept)	30.00	Mtr.	20.17	605.00
25	Fixing of RJ-45 modular box with cover plate or l/o box for internet on surface/ recessed cutting the wall making good the same as required. ( box and cover plate will be supplied by dept.)	2.00	Nos.	84.17	168.35
Estimate Amount Rs.					106066.64
Say Rs.					1,06,067.00
Please quote percentage above/ below (%)					

  
**विनय कुमार तिवारी**  
**(VINAY KUMAR TIWARI)**  
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*Deal*