

QUOTATION

Name of work :- Rewiring and modification of electrical installations in Lecture hall complex L1 to L2 in academic area as per user required in the campus at IIT Kanpur.

Sl. No	Description	QTY	Unit	Rate	Amount
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	19.00	Point	783.87	14893.47
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	750.00	Metre	39.46	29592.28
b)	3 x 1.5 sq. mm	100.00	Metre	83.30	8329.68
c)	3 x 2.5 sq. mm	4.00	Metre	120.12	480.49
d)	3 x 4 sq. mm	10.00	Metre	180.62	1806.23
3	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	86.00	No.	90.31	7766.77
b)	15/16 A switch	4.00	No.	136.78	547.13
c)	3 pin 5/6 A socket outlet	20.00	No.	106.97	2139.41
d)	6 pin 15/16 A socket outlet	4.00	No.	172.73	690.93
e)	Telephone socket outlet	2.00	No.	129.77	259.54
f)	two module stepped type fan regulator	30.00	No.	323.54	9706.27
g)	Blanking Plate	2.00	No.	35.07	70.14
4	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.				
a)	1 or 2 Module (75mmX75mm)	2.00	No.	261.29	522.58
b)	3 Module (100mmX75mm)	24.00	No.	286.72	6881.19
c)	4 Module (125mmX75mm)	2.00	No.	300.75	601.49


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d)	6 Module (200mmX75mm)	4.00	No.	352.48	1409.91
e)	8 Module (125mmX125mm)	6.00	No.	398.07	2388.43
f)	12 Module (200mmX150mm)	4.00	No.	479.61	1918.46
5	Supply Installation, testing and commissioning of following ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.				
a)	1400 mm sweep 65 W	1.00	Nos	3269.62	3269.62
6	Extra for cutting and drilling hole in down rod of 15mm dia GI pipe for ceiling fan etc. as required complete.	1.00	Nos.	79.79	79.79
7	Supplying, fixing, painting of 15mm dia GI heavy class pipe down rod for ceiling fan etc as required complete.	2.00	Mtr	239.37	478.74
8	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
a)	12 way, Double door	4.00	No.	2029.81	8119.25
9	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	40.00	Nos.	224.46	8978.52
b)	single pole blanking plate	2.00	No.	11.40	22.80
10	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a)	63 A	2.00	No.	2386.67	4773.35

Sl. No	Description	QTY	Unit	Rate	Amount
11	Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover etc. as required complete.	110.00	Mtr	191.14	21025.87
12	Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system.				
a)	End cap	8.00	Nos.	125.38	1003.07
b)	internal / external angle	8.00	Nos.	119.25	953.97
c)	changeable flat angle	6.00	Nos.	100.83	605.00
d)	flat junction	2.00	Nos.	119.25	238.49
13	S & F following size of steel flexible pipe along with the accessories on surface etc as required				
a)	20 mm	40.00	Meter	50.85	2034.20
b)	25 mm	30.00	Meter	72.78	2183.25
14	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partition etc. as required complete.	35.00	Meter	770.71	26975.01
15	Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system.				
a)	85 mm flexible cover	35.00	Meter	339.32	11876.37
b)	End cap	4.00	Nos.	156.95	627.79
c)	Internal angles- adjustable from 80°-100°	5.00	Nos.	427.01	2135.03
d)	external angles- adjustable from 60°-120°	5.00	Nos.	452.43	2262.17
e)	flat junction	1.00	Nos.	753.18	753.18
f)	flat angles	1.00	Nos.	608.51	608.51
g)	separation partitions	2.00	Meter	201.67	403.33
h)	Joints for 85mm width cover	20.00	Nos.	170.98	3419.55
i)	base joints	40.00	Nos.	75.41	3016.22
16	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 body/housing holder etc. complete with all fixing accessories and lamp as required complete.				
a)	36 watt recess mounting LED light fixture 600 x 600 mm	1.00	Nos.	2568.17	2568.17
b)	36 watt surface mounting LED light fixture 300 x 1200 mm	1.00	Nos.	3526.52	3526.52

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17	Dismantling concealed & damaged DB/TPN Switches/starter/ loose wire boxes along with all accessories and depositing the same in the sectional store repairing the damages as reqd complete.	4.00	Nos.	260.41	1041.65
18	Dismantling, disconnecting old damaged unserviceable fl fitting/ exhaust fan/ ceiling fan/ bulkhead fitting with bracket etc from abnormal hight above 15' to 35' as reqd. and depositing in sectional store.	10.00	Nos.	513.81	5138.10
19	Supplying and fixing following modular switch/ socket 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	2.00	No.	162.21	324.42
b)	20 A switch	1.00	No.	277.07	277.07
c)	6 A pin 2/3 pin socket outlet	2.00	No.	183.25	366.51
d)	6/16 A 3 pin socket outlet	1.00	No.	350.72	350.72
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.	248.14	248.14
b)	6 module	1.00	Nos.	323.54	323.54
	Estimated Amount (Rs.)				210012.28
	Say Rs.				210012.00
	Quoted Percentage Above / Below				
	Quoted Amount Rs.				

Bidder Signature & Date

Bidder Seal


TALLURI KESAVADAS
 अधिशासी अभियंता (विद्युत)
 Executive Engineer (Elect)
 इ.नि.वि. पा.प्रौ. संस्थान, कानपुर
 I.W.D., I.I.T. Kanpur
 27/06/21