


QUOTATION

Name of work :- Providing 3 phase power points and 15Amp. Plug points in WL-215, 215B in academic area as per user required in the campus at IIT Kanpur.

S. 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	2.00	Point	783.87	1567.73
2	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC				
a)	3 x 1.5 sq. mm	5.00	Metre	83.30	416.48
b)	3 x 2.5 sq. mm	5.00	Metre	120.12	600.61
c)	3 x 4 sq. mm	70.00	Metre	180.62	12643.58
d)	6 x 6 sq. mm	120.00	Metre	524.33	62919.77
e)	3 x 16 sq.mm.	10.00	Mtr	631.30	6313.02
3	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)	16 way, (2+16)Double door	1.00	No.	2754.06	2754.06
4	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	12.00	Nos.	224.46	2693.56
b)	Triple pole 5 A to 32 A	12.00	Nos.	882.95	10595.35
c)	Triple pole and neutral 5 A to 32 A	12.00	Nos.	1076.72	12920.65
d)	Single Pole (40A-63A)	1.00	Nos.	456.82	456.82
e)	single pole blanking plate	5.00	No.	11.40	56.99
5	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.				

S. No	Description	QTY	Unit	Rate	Amount
a)	63 A	1.00	No.	2386.67	2386.67
6	Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover etc. as required complete.	10.00	Mtr	191.14	1911.44
7	Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system.				
a)	End cap	4.00	Nos.	125.38	501.53
b)	internal / external angle	5.00	Nos.	119.25	596.23
c)	changeable flat angle	2.00	Nos.	100.83	201.67
d)	flat junction	2.00	Nos.	119.25	238.49
8	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partition etc. as required complete.	20.00	Mtr	770.71	15414.29
9	Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system.				
a)	85 mm flexible cover	20.00	Mtr	339.32	6786.50
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	3.00	Nos.	753.18	2259.54
f)	flat angles	2.00	Nos.	608.51	1217.01
g)	separation partitions	3.00	Mtr	201.67	605.00
h)	Joints for 85mm width cover	10.00	Nos.	176.24	1762.38
i)	base joints	15.00	Nos.	75.41	1131.08
10	S & F following size of steel flexible pipe along with the accessories on surface etc as required				
a)	40 mm	5.00	Mtr	94.70	473.48
11	S & F metal enclosure suitable for DP/TPN MCB / DP ELCB on surface or recessed etc as reqd.	12.00	Nos.	539.24	6470.85
12	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	2.00	Nos.	4571.68	9143.36

S. No	Description	QTY	Unit	Rate	Amount
13	Fixing of RJ-45 modular box with cover plate or I/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.)	8.00	Nos.	86.80	694.43
14	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)	500.00	Mtr	20.17	10083.30
15	S&F, Copper tube / reducer/ lug terminals suitable for following size of conductor.				
a)	6 /10/16 Sq.mm.	150.00	Nos.	51.73	7759.75
16	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	24.00	No.	277.07	6649.72
c)	6 A pin 2/3 pin socket outlet	2.00	No.	183.25	366.51
d)	6/16 A 3 pin socket outlet	24.00	No.	350.72	8417.36
17	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	4.00	Nos.	194.65	778.61
b)	6 module	11.00	Nos.	249.89	2748.79
Total Estimated Rs.					210454.19
Say Rs.					210454.00
Quoted percentage (%) below /above =					
Quoted Amount Rs. =					


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 Executive Engineer (I & E)
 I.W.D., I.E.T. K.R. Nagar
 03/06/20