


QUOTATION

Name of work :- Providing new 3 phase points in Old TA 202 (Dr. Ashish Dutta) , Providing power points & LAN points in Shivani Centre and Providing new power points, light fittings & wall fan in Old Core Lab. 101C (J. K. Bera) with all allied works as per user required in the 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	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 conduit as required.				
a)	3 x 1.5 sq. mm	20.00	Metre	83.30	1665.94
b)	3 x 2.5 sq. mm	45.00	Metre	120.12	5405.52
c)	3 x 4 sq. mm	20.00	Metre	180.62	3612.45
d)	6 x 6 sq. mm	50.00	Metre	524.33	26216.57
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	12.00	No.	90.31	1083.74
b)	3 pin 5/6 A socket outlet	12.00	No.	106.97	1283.65
c)	Blanking Plate	1.00	No.	35.07	35.07
4	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
a)	6 Module	6.00	No.	159.58	957.47
5	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.				
a)	125 A,36KA,FPMCCB	1.00	No.	7197.72	7197.72
6	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)	8 way (4 + 24), Double door	1.00	No.	8,912.76	8912.76
7	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	1.00	Nos.	224.46	224.46
b)	Triple pole 5 A to 32 A	7.00	No.	882.95	6180.62
c)	Triple pole and neutral 5 A to 32 A	7.00	No.	1,076.72	7537.05
d)	single pole blanking plate	4.00	No.	11.40	45.59
8	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.	55.00	Metre	36.83	2025.43

Sl. No	Description	QTY	Unit	Rate	Amount
9	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 (32mm)	2.00	No.	323.54	647.08
10	Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover etc. as required complete.	85.00	Mtr	228.48	19420.60
11	Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system.			-	
a)	End cap	12.00	Nos.	152.32	1827.82
b)	internal / external angle	9.00	Nos.	148.41	1335.72
c)	changeable flat angle	4.00	Nos.	124.98	499.92
d)	flat junction	2.00	Nos.	146.46	292.92
12	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partition etc. as required complete.	15.00	Mtr	990.07	14851.04
13	Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system.				
a)	85 mm flexible cover	15.00	Mtr	436.45	6546.76
b)	End cap	4.00	Nos.	198.21	792.84
c)	Internal angles- adjustable from 80°-100°	5.00	Nos.	545.81	2729.04
d)	external angles- adjustable from 60°-120°	5.00	Nos.	559.48	2797.39
e)	flat junction	3.00	Nos.	951.99	2855.97
f)	flat angles	2.00	Nos.	772.33	1544.66
g)	separation partitions	1.00	Mtr	261.68	261.68
h)	Joints for 85mm width cover	4.00	Nos.	227.50	910.00
i)	base joints	6.00	Nos.	90.81	544.83
14	S & F following size of steel flexible pipe along with the accessories on surface etc as required				
a)	32 mm	5.00	Mtr	81.04	405.21
15	S&F connecting and commissioning independent mounting of MCCB enclosure suitable for MCCB's up to 250A in surface/recess I/c cutting the wall and making good the same in case of recessed (Cat No CS-CNM0100021 C & S or approved equivalent make) as reqd.	1.00	Nos.	3467.1964	3467.20
16	S & F metal enclosure suitable for DP/TPN MCB / DP ELCB on surface or recessed etc as reqd.	7.00	Nos.	920.75	6445.22
17	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	2.00	Nos.	4,554.91	9109.81
18	Supplying and fixing following size/ modules, plastic box for modular switches in recess etc as required.				
a)	6 Module	6.00	Nos.	373.96	2243.77
19	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.	82.99	663.95
20	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)	150.00	Mtr	20.50	3075.66

Sl. No	Description	QTY	Unit	Rate	Amount
21	Supply and installation of 400mm sweep AC 230/250 volts, 50 Hz wall mounting revolving fan with brackets etc complete.	1.00	Nos.	2,695.84	2695.84
22	S&F, Copper tube / reducer/ lug terminals suitable for following size of conductor.				
a)	6 /10/16 Sq.mm.	84.00	Nos.	34.17	2870.62
23	Supplying and laying of one no. 3.5 x 35.0 sqmm PVC insulated, XLPE steel armoured aluminium conductor power cable of grade 1.1 kV as required complete in following manners.				
a)	in open duct	2.00	Mtr	298.78	597.56
b)	On Surface	30.00	Mtr	321.24	9637.07
24	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	9.00	No.	239.22	2152.96
b)	20 A switch	4.00	No.	432.55	1730.18
c)	6 A pin 2/3 pin socket outlet	7.00	No.	285.11	1995.76
d)	6/16 A 3 pin socket outlet	4.00	No.	556.55	2226.19
25	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.	305.61	1222.45
b)	6 module	4.00	Nos.	410.09	1640.35
	Estimated Rs.				183989.83
					183990.00
	Please quote percentage (%) above / Below				
	Quoted Amount				


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