

### QUOTATION

**Name of work:** Providing DG power Supply for newly installed UPS system with all allied works as required in Room No. 106A, 106E & 101C at Old Core Lab. in academic area in the campus at IIT Kanpur.


S. No.	Description	Qty.	Unit	Rate	Amount (Rs.)
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)	6 x 10 sq.mm.	5.00	Mtr	791.76	3958.79
b)	6 x 16 sq.mm.	10.00	Mtr	1221.39	12213.94
c)	6 x 25 sq.mm.	4.00	Mtr	1945.64	7782.55
2	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	Each	7197.72	7197.72
3	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.	8912.76	8912.76
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	1.00	Nos.	224.46	224.46
b)	Single pole and neutral 5 A to 32 A	1.00	Nos.	525.21	525.21
c)	Triple pole 5 A to 32 A	2.00	Nos.	882.95	1765.89
d)	Triple pole and neutral 5 A to 32 A	2.00	Nos.	1076.72	2153.44
e)	Single Pole (40A-63A)	1.00	Nos.	456.82	456.82
f)	Double Pole (40A-63A)	1.00	Nos.	935.55	935.55
g)	Triple pole (40A-63A)	6.00	Nos.	1380.10	8280.58
h)	Four Pole (40A-63A)	10.00	Nos.	1711.53	17115.30
5	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	2.00	No.	11.40	22.80

S. No.	Description	Qty.	Unit	Rate	Amount (Rs.)
6	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	10.00	Metre	1359.93	13599.30
7	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	8.00	Metre	1018.85	8150.81
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.	300.00	Metre	36.83	11047.79
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 25 sq. mm (28mm)	12.00	No.	274.44	3293.29
b)	3½ X 120 sq. mm	2.00	No.	537.48	1074.97
c)	4 X 16 sq. mm (28mm)	2.00	No.	270.93	541.87
10	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partition etc. as required complete.	5.00	Mtr	770.71	3853.57
11	Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system.				
a)	85 mm flexible cover	5.00	Mtr	339.32	1696.62
b)	End cap	4.00	Nos.	156.95	627.79
c)	Internal angles- adjustable from 80°-100°	2.00	Nos.	427.01	854.01
d)	external angles- adjustable from 60°-120°	2.00	Nos.	452.43	904.87
e)	flat junction	1.00	Nos.	753.18	753.18
f)	flat angles	1.00	Nos.	608.51	608.51
g)	separation partitions	1.00	Mtr	201.67	201.67
h)	Joints for 85mm width cover	2.00	Nos.	176.24	352.48
i)	base joints	4.00	Nos.	75.41	301.62
12	Supply and fixing of 32 x 20 mm DLP mini-trunking white-system with independent cover etc. as required complete.	5.00	Mtr	191.14	955.72
13	Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system.				
a)	End cap	2.00	Nos.	125.38	250.77
b)	internal / external angle	1.00	Nos.	119.25	119.25
c)	changeable flat angle	1.00	Nos.	100.83	100.83



S. No.	Description	Qty.	Unit	Rate	Amount (Rs.)
d)	flat junction	1.00	Nos.	119.25	119.25
14	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
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.	2861.90	2861.90
16	S & F metal enclosure suitable for DP/TPN MCB / DP ELCB on surface or recessed etc as reqd.	10.00	Nos.	539.24	5392.37
17	S&F, Copper tube / reducer/ lug terminals suitable for following size of conductor.				
a)	6 /10/16/25 Sq.mm.	12.00	Nos.	51.73	620.78
18	Supplying and laying of one no. 4 x 16.0 sqmm PVC insulated, XLPE steel armoured aluminium conductor power cable of grade 1.1 kV as required complete in following manners.				
a)	in ground I/c excavation, sand cushioning, protective covering and refixing the trench etc as reqd	5.00	Mtr	511.18	2555.90
b)	in open duct	1.00	Mtr	160.46	160.46
c)	On Surface	45.00	Mtr	185.01	8325.30
19	Supplying and laying of one no. 3.5 x 25.0 sqmm PVC insulated, XLPE steel armoured aluminium conductor power cable of grade 1.1 kV as required complete in following manners.				
a)	in ground I/c excavation, sand cushioning, protective covering and refixing the trench etc as reqd	10.00	Mtr	539.24	5392.37
b)	in open duct	2.00	Mtr	188.51	377.03
c)	On Surface	70.00	Mtr	213.06	14914.51
20	Supplying and laying of one no. 3.5 x 70.0 sqmm PVC insulated, XLPE steel armoured aluminium conductor power cable of grade 1.1 kV as required complete in following manners.				
a)	In ground I/c excavation, sand cushioning, protective covering and refixing the trench etc as reqd	15.00	Mtr	750.55	11258.22
b)	in open duct	1.00	Mtr	399.82	399.82

S. No.	Description	Qty.	Unit	Rate	Amount (Rs.)
c)	On Surface	9.00	Mtr	477.86	4300.75
21	Chemical Earthing with Copper bonded rod of copper coating of 250 microns of dia 25 mm, length 3 Mtr with clamp, including earth enhancement material and RCC precast Pit cover and earthing pit etc as reqd. complete.	2.00	Nos.	9300.31	18600.61
	Estimate Amount Rs.				196587.46
	Say Rs.				196587.00
	Quoted Percentage(%) Above /Below =				
	Quoted Amount Rs. =				

  
 T. Kandas  
 03/06/25  
 TALLURI KESAVADAS  
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