

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 09/IWD/ED/28****SCHEDULE OF QUANTITY**

Name of work: Providing electrical connection for new research chemistry Lab (Room No. 3) at A Block ground floor in OLD SAC building and other associated work.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.				
a)	Group 'C'	4.00	Points		
2	Supplying & drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel / PVC conduit as reqd.				
a)	3 x 1.5 Sq.mm..	40.00	Mtr.		
b)	3 x 2.5 Sq.mm..	200.00	Mtr.		
c)	3 x 4 Sq.mm..	300.00	Mtr.		
d)	6 x 16 Sq.mm..	45.00	Mtr.		
3	Supplying, installation DLP plastic trunking 105mm x 50mm and accessories plastic trunking without cover, for trunking, covers and partitions etc. as reqd.				
a)	Plastic trunking without cover	100.00	Mtr.		
b)	Flexible Cover 85mm width	100.00	Mtr.		
c)	End caps	20.00	Nos.		
d)	Internal angle adustable from 80°-100°	16.00	Nos.		
e)	external angle adustable from 60°-120°	4.00	Nos.		
f)	SeparationPartitions	2.00	Nos.		
g)	Flat angle	2.00	Nos.		
h)	cover joints	20.00	Nos.		

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i)	base joints	30.00	Nos.		
4	Supplying and fixing following size/ modules, GI/PVC box alongwith modular base & cover plate for modular switches in recess etc. as required.				
a)	3 module	6.00	Nos.		
5	S/F following modular base & cover plate on existing modular metal/ DLP boxes etc. as reqd.				
a)	3 module	4.00	Nos.		
b)	6 module	100.00	Nos.		
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)	12 way (4 + 36), Double door	2.00	Nos.		
7	Supplying and fixing Following rating, 240 volts, 'C' series, MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.				
a)	Single Pole (5 amps to 32 amps)	72.00	Nos.		
b)	Triple pole & Neutral (40 amps to 63 amps)	2.00	Nos.		
8	Supply, fixing, following modular type switch / socket on existing modular plate & switch box including connectins but excluding modular plate etc. as reqd.				
a)	15/16 Amp. switch	100.00	Nos.		
b)	6 Pin 15/16 Amp. socket outlet.	100.00	Nos.		
9	Supply, Installation, testing & commissioning of AC ceiling fan of following sweep 220 volts without regulator I/c wiring the down rods of standard length up to 30 cm with 1.5 sq.mm. PVC insulated copper conductor single core cable etc as reqd.				
a)	1200 mm	6.00	Nos		
10	Supply installation testing and commissioning of 300 mm sweep metal body heavy duty, 900 RPM Exhaust fan with guard/ shutter and mounting arrangement etc as reqd.	4.00	Nos		

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11	S & F fan hook I/c cutting the slab and fixing with the reinforcement and making damage, painting etc as the same	12.00	Nos		
12	Dismantling & refixing of ceiling fan/ exhaust fan/ all type light fittingsr I/c reconnecting, commissioning, testing etc as reqd.	18.00	Nos		
Total Rs.					