

INDIAN INSTITUTE OF TECHNOLOGY KANPUR**Tender Notice No. 14 /IWD/ED/49****SCHEDULE OF QUANTITY**

Name of Work: Providing and making light points, power points, net points & LED fittings etc at WLE 103 E, TA 202, ACES 307, WS 02 Mezzanine Floor Lab 03 etc and different labs and offices in academic area on complaint basis.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
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	3 x 1.5 sq. mm	92.00	Metre		
b	3 x 2.5 sq. mm	49.00	Metre		
c	3 x 4 sq. mm	88.00	Metre		
d	3 x 6 sq. mm	15.00	Metre		
e	2 x 10 sq.mm.	35.00	Meter		
f	3 x 10 sq.mm.	7.00	Meter		
2	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	37.00	No.		
b	15/16 A switch	7.00	No.		
c	3 pin 5/6 A socket outlet	32.00	No.		
d	6 pin 15/16 A socket outlet	7.00	No.		
3	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
a	1or 2 Module	9.00	No.		
b	3 Module	7.00	No.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
c	6 Module	12.00	No.		
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	Double pole 5 A to 32 A	1.00	No.		
b	Triple pole 5 A to 32 A	4.00	No.		
c	Double Pole (40A-63A)	2.00	Nos.		
5	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	1.00	No.		
6	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	20.00	Metre		
7	Chemical Earthing with GI earth electrode 50mm dia x 3 mtr length including earth enhancing compound (Jam Fill quality product) and PIT cover for earthing pit etc as reqd.	2.00	No.		
8	Supply fixing connecting & commissioning of following rating ISI marked 3 pin Plug top Anchor make as reqd complete.				
a	5 Amp	2.00	Nos.		
b	15 Amp	2.00	Nos.		
9	S&F, Copper tube / reducer/ lug terminals suitable for following size of conductor.				
a	6 /10/16 Sq.mm.	4.00	Nos.		
10	Supply and drawing PVC insulated 3 core round copper conductor cable of following size for connection of equipment / exhaust fan etc as reqd.				
a	2.50 sq. mm	2.00	Meter		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
11	S & F following size of steel flexible pipe alongwith the accessories on surface etc as required				
a	25 mm	26.00	Meter		
12	Supplying, fixing, painting of 15mm dia GI heavy class pipe down rod for ceiling fan etc as required complete.	2.00	Meter		
13	Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover etc. as required complete.	107.00	Meter		
14	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partion etc. as required complete.	1.00	Meter		
15	Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system.				
a	85 mm flexible cover	1.00	Meter		
b	base joints	2.00	Nos.		
16	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)	270.00	Meter		
17	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.)	5.00	Nos.		
18	Supplying and fixing following size/ modules, plastic box for modular switches in recess etc as required.				
a	1 or 2 Module	9.00	Nos.		
b	3 Module	5.00	Nos.		
c	6 Module	1.00	Nos.		
19	S & F metal enclosure suitable for DP/TPN MCB / DP ELCB on surface or recessed etc as reqd.	2.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
20	Supplying & fixing Connecting , testing & commissioning,direct online starter suitable for upto 10.0 HP 3 phas indution motor 415V, 50Hz make L & T type MN 16 DOL.	1.00	Nos.		
21	Supply and fixing of following LED light fixture with efficiency >100 lumen/ watt, P.F. >0.95, THD<10%, Electronic driver, LED lamp, reflector, diffusser, MS body/housing holder etc. complete with all fixing accessories and lamp as required complete.				
a	2 X 20W Box type LED tube with fitting	2.00	Nos.		
b	36 watt recess mounting LED light fixture 600 x 600 mm	5.00	Nos.		
c	36 watt recess mounting LED light fixture 300 x 1200 mm	2.00	Nos.		
22	Supplying and fixing exhaust fan shutter for following sizes exhaust fan on rag bolts as reqd complete.				
a	for 375 mm / 15" sweep	1.00	Nos.		
23	Supply, Installation testing and commissioning of following seep, copper wound, 900 RPM, 220 volt AC, 50 Hz exhaust fan in the existing opening etc as required complete.				
a	300 mm / 12" sweep	1.00	Nos.		
b	375 mm / 15" sweep	1.00	Nos.		
24	Supply and installation of 400mm sweep AC 230/250 volts, 50 Hz wall mounting revolving fan with brackets etc complete.	4.00	Nos.		
	Total Rs.				