

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 50/IWD/ED/161****SCHEDULE OF QUANTITY**

Name of work: Renovation of L-5 and L-6 in Lecture Hall Complex (SH: Electrical work)

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 reqd.				
a	3 X 1.5 Sq.mm	20.00	Mtr		
b	3 X 2.5 Sq.mm	20.00	Mtr		
c	3 x 4 Sq.mm	20.00	Mtr		
2	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as reqd.				
a	20 mm	20.00	Mtr		
b	25 mm	20.00	Mtr		
3	Supplying and fixing following of size/modules, GI box along with modular base & cover plate for modular switches in recess etc as reqd.				
a	1 or 2 module (75mm x 75mm)	10.00	Nos.		
b	3 module (100mm x 75mm)	10.00	Nos.		
c	4 module (125mm x 75mm)	2.00	Nos.		
d	6 module (200mm x 75mm)	20.00	Nos.		
e	8 module (125mm x 125mm)	1.00	Nos.		
f	12 module (200mm x 150mm)	4.00	Nos.		
4	Supplying, installation DLP mini- trunking 32mm x 20mm and accessories white-system with independent cover-without central partion etc. as reqd.	50.00	Mtr.		
5	Supply and fixing of following items for plastic trunking accessories suitable for size 32 mm x 20 mm				
a	End cap	4.00	Nos.		
b	Internal angle/ External angle	5.00	Nos.		
c	Changeable flat angle	4.00	Nos.		
d	Flat Junction	1.00	Nos.		
6	Providing and fixing DLP plastic trunking of size 105 mm x 50 mm without cover on surface as reqd.	5.00	Mtr.		
7	Providing and fixing 85 mm width flexible cover of DLP plastic trunking. (size 105 mm x 50 mm.)	5.00	Mtr.		
8	Supply and fixing of following items for plastic trunking accessories suitable for size 105 mm x 50 mm.				

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
a	End cap	2.00	Nos.		
b	Internal angle.	1.00	Nos.		
c	External angle	2.00	Nos.		
d	Flat Junction	1.00	Nos.		
e	Changeable flat angle	1.00	Nos.		
f	Separation partitions	2.00	Mtr.		
g	cover joint	2.00	Nos.		
h	Base joint	4.00	Nos.		
9	Supplying and fixing following modular switch/socket on the existing modular plate & switch box/ DLP plastic trunking including connections but excluding modular plate etc as reqd.				
a	5/6 amps switch	55.00	Nos.		
b	15/16 amps switch	5.00	Nos.		
c	3 pin 5/6 amps socket outlet	20.00	Nos.		
d	6 pin 15/16 amps socket outlet	5.00	Nos.		
e	Blanking Plate	1.00	Nos.		
10	Supplying and fixing following Modular GI/plastic base & cover plate on existing modular metal boxes/DLP plastic trunking etc. as required.				
a	3 Module	2.00	Nos.		
b	6 Module	2.00	Nos.		
11	Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	14.00	Nos.		
12	S/F, connecting, testing and commissioning 34/35/36 watt LED recess mounted luminaires with diffuser suitable for 600 mm X 600 mm moduler POP/Gypsem ceiling etc.as reqd.	4.00	Nos.		
13	S/F, conneting, testing and commissioning 36 watt LED fitting 1"X4 "AURA II slim LED surface/recess mounted luminaires with PMMA diffuser suitable for moduler ceiling etc.as reqd.(CAT No.CCR-132-36-57-SL-NWH(make crompton or equivalent approved make)	28.00	Nos		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
14	Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.	5.00	Nos		
15	Fixing, Internet Box of size 75mm x 75mm x 40 mm including brass screw on surface / recessed as reqd.	2.00	Nos.		
16	Drawing of computer network cable/ PVC insulated flexible cooper/ Aluminium single core cable of size 1.5sqmm to 25 sqmm/ telephone cable upto 10 pair in existing pipe / casing and capping as reqd including numbering the wires at both the ends.	100.00	Mtr.		
17	Supply and drawing PVC insulated copper conductor (Flexible) 3 core round cable 1.5Sq.mm for connection of equipments / exhaust fan/AC & other work as reqd.	20.00	Mtr.		
a	Dismantling the old conduit pipe/wood batten of all sizes from surface/recessed & making good the damages I/c filling the holes of the surface etc as reqd.	60.00	Mtr.		
18	Dismantling damaged DB/TPN Switches/ loose wire boxes/ M.S. boxes alongwith all accessories and depositing the same in the store as reqd.	50.00	Nos.		
19	Dismantling of ceiling fan / rally fan / all type fitting without regulator I/c depositing in store etc as reqd.	40.00	Nos.		
	Total Rs.				