

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Tender Notice No. 52 /IWD/ED/270

SCHEDULE OF QUANTITY

Name of Work: Making separate feeder with supplying & laying cable from switch room FB (west) to 2nd floor & 3rd floor west side of Lift at FB and providing & fixing cable tray with HDPE pipe, smoke detector and dismantling of light fittings / ceiling fans etc in L-7 at lecture Hall Complex.

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	2 X 25 Sq.mm	10.00	Mtr		
2	S/F, copper cable lug suitable for following size of conductor.				
a	25 Sqmm	18.00	Nos.		
3	Supply & laying of one no. PVC insulated and PVC sheathed aluminium conductor steel armoured cable of size 3-1/2 x 150 Sqmm grade 1.1 kV as reqd.				
a	In ground i/c excavation sand cushioning protective covering, refilling of earth as reqd.	30.00	Mtr.		
b	Fixing on surface with MS clamp	30.00	Mtr.		
c	In existing pipe	20.00	Mtr.		
d	In existing open duct.	90.00	Mtr.		
4	Checking, testing and tightening of all the input & output connection of TPN/SPN Distribution board.	6.00	Job		
5	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size in the existing masonry open duct as required.				
a	Above 185 sq. mm and upto 400 sq. mm	65.00	Mtr.		
6	Supplying and making end termination with brass compression gland with aluminium lugs for following size of PVC insulated & PVC sheathed/XLPE aluminium cable of 1.1kV grade as reqd.				
a	3-1/2x 120 sqmm	4.00	Nos.		
7	Supplying, installation, testing & commissioning, of ionozatinn smoke detectors with standard base including base plate & mounting accessories as reqd.	10.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
8	Supplying, erection, testing & commissioning, of remote response indicator, complete with lamp test facility etc as required	2.00	Nos.		
9	Supply & fixing of 10" X 5" wall or ceiling mounted self illuminated Sign board having on its front a white perspex sheet with the letters 'FIRE EXIT' painted in red including the cost of accessories for surface/recessed mounting as required, complete.	15.00	Nos.		
10	Supplying and installing following size of perforated pre-painted M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.				
a	300 mm width X 50 mm depth X 1.6 mm thickness	50.00	Mtr.		
11	Supply & Laying of 32 mm (6Kg / cm ²) HDPE pipe ISI mark of 2mm thick I/c cartage loading & unloading etc. as reqd.				
a	Fixing on surface with MS clamp	200.00	Mtr.		
12	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.	1000.00	Mtr.		
13	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.		
14	Dismantling of ceiling fan / wall fan / all type fitting without regulator I/c depositing in store etc as reqd.	125.00	Nos.		
	Total Rs.				