

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Tender Notice No. 47/IWD/ED/226

SCHEDULE OF QUANTITY

Name of work: Part-A: Replacement of LED and other associated work in academic area on complaint basis.
Part-B: Different electrical work in different labs & offices in academic area on complaint basis.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
	Part-A:				
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		
2	Supplying, installation DLP mini- trunking 32mm x 20mm and accessories white-system with independent cover-without central partion etc. as reqd.	10.00	Mtr.		
3	Supply and fixing of following items for plastic trunking accessories suitable for size 32 mm x 20 mm				
a	End cap	1.00	Nos.		
b	Internal angle/ External angle	2.00	Nos.		
c	Changeable flat angle	1.00	Nos.		
d	Flat Junction	1.00	Nos.		
4	Supplying and fixing 63 Amp., Double pole, 240 V, residual current circuit breaker (RCCB), having a sensitivity current 100 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.	8.00	Nos.		
5	Supply & retrofitting 18 watt LED PLL lamp in existing fitting and connection etc.as reqd	65.00	Nos.		
6	Supply & retrofitting 1 x 20 watt Tube LED lamp in existing fitting and connection etc.as reqd	21.00	Nos.		
7	S/F, connecting, testing and commissioning 18 watt LED surface mounted luminaires (300 mm X 300 mm) with diffuser etc.as reqd.	10.00	Nos.		
8	Repairing, cleaning and replacement of damaged part i.e holder, Lamp, tubes, chokes starter etc. of any type of fittings(Parts to be supplied by Institute).	10.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
9	Providing and replacement of damaged internal wiring/alteration in wiring of fitting of any type with 1.5 sqmm PVC insulated copper single core wire i/c dismantling & refixing as reqd.	50.00	Mtr.		
10	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	2.00	Nos.		
b	15/16 amps switch	12.00	Nos.		
c	3 pin 5/6 amps socket outlet	2.00	Nos.		
d	6 pin 15/16 amps socket outlet	12.00	Nos.		
11	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	6.00	Nos.		
12	Supply fixing connecting & commissioning of 5 Amp. 3 pin Plug top as reqd.	2.00	Nos.		
13	Supply fixing connecting & commissioning of 15 Amp. 3 pin Plug top as reqd.	2.00	Nos.		
14	Dismantling of ceiling fan / rally fan / all type fitting without regulator I/c depositing in store etc as reqd.	10.00	Nos.		
	Part-B:				
1	Supply and drawing PVC insulated copper conductor (Flexible) 3 core round cable 2.5 Sq.mm for connection of equipments / exhaust fan/AC & other work as reqd.	1.00	Mtr.		
2	Supplying, installation DLP mini- trunking 32mm x 20mm and accessories white-system with independent cover-without central partion etc. as reqd.	3.00	Mtr.		
3	Supply and fixing of following items for plastic trunking accessories suitable for size 32 mm x 20 mm				
a	Changeable flat angle	1.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
4	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth metal enclosed plug top along with 20 amps ' C ' series SP, MCB, in the sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc as required.	1.00	Nos.		
5	Supplying and fixing following rating, 240 volts, 'C' series, minature circuit breaker 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 Amp to 32 Amp)	4.00	Nos.		
6	Supply & retrofiting 18 watt LED PLL lamp in existing fitting and connection etc.as reqd	30.00	Nos.		
7	Supply & retrofiting 1 x 20 watt Tube LED lamp in existing fitting and connection etc.as reqd	40.00	Nos.		
8	Repairing, cleaning and replacement of damaged part i.e holder, Lamp, tubes, chokes starter etc. of any type of fittings (Parts to be supplied by Institute).	4.00	Nos.		
9	Providing and replacement of damaged internal wiring/alteration in wiring of fitting of any type with 1.5 sqmm PVC insulated copper single core wire i/c dismentelling & refixing as reqd.	50.00	Mtr.		
10	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc as reqd.				
a	5/6 amps switch	12.00	Nos.		
b	15/16 amps switch	1.00	Nos.		
c	5 pin 5/6 amps socket outlet	4.00	Nos.		
d	6 pin 15/16 amps socket outlet	1.00	Nos.		
11	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	9.00	Nos.		
b	15/16 amps switch	40.00	Nos.		
c	3 pin 5/6 amps socket outlet	7.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
d	6 pin 15/16 amps socket outlet	40.00	Nos.		
e	Blanking Plate	1.00	Nos.		
12	Supplying and fixing following Modular GI/plastic base & cover plate on existing modular metal boxes/DLP plastic trunking etc. as required.				
a	1 or 2 Module	1.00	Nos.		
b	3 Module	2.00	Nos.		
c	6 Module	23.00	Nos.		
13	Supplying and fixing following Module Plastic box for fixing modular switches/sockets in surface/recess etc as required.				
a	1 or 2 Module	1.00	Nos.		
b	6 Module	19.00	Nos.		
14	Supply fixing connecting & commissioning 3 pin metal enclosed plug top 20 Amp. as reqd.	1.00	Nos.		
15	Supply,Installation of exhaust fan 220 volt, 50 Hz of following sizes in the existing opening I/c connection, testing, commissioning etc as reqd.				
a	300 mm	1.00	Nos.		
16	Dismantling damaged DB/TPN Switches/ loose wire boxes/ M.S. boxes alongwith all accessories and depositing the same in the store as reqd.	15.00	Nos.		
17	Dismantling of ceiling fan / rally fan / all type fitting without regulator I/c depositing in store etc as reqd.	1.00	Nos.		
18	Supplying, Installation, testing & commissioning, 4-zone microprocessor based automatic fire alarm control panel with power supply & battery charger having battery box etc as required.	1.00	Nos.		
19	Supplying, installation, testing & commissioning, of ionozatinn smoke detectors with standard base including base plate & mounting accessories as reqd.	8.00	Nos.		
20	Supplying, installation testing & commissioning, chargeable battery 12 volt 7AH in exiting fire alarm control panel etc as required.	6.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
21	Supplying, installation, testing & commissioning, of hooter 24 V D.C.type high intensity suitable for recessed / surface mounting complete with enclosure as reqd.	2.00	Nos.		
	Total Rs.				