

INDIAN INSTITUTE OF TECHNOLOGY KANPUR					
Tender Notice No. 45/IWD/ED/223					
SCHEDULE OF QUANTITY					
Name of work: Providing three phase, single phase and input/output connection of 15 KVA UPS at Gas Turbine Combustion Lab.					
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. FR PVC insulated copper conductor single core cable etc as required.				
a	Group C	12.00	Point		
2	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	10.00	Mtr		
b	3 X 2.5 Sq.mm	250.00	Mtr		
c	3 x 4 Sq.mm	50.00	Mtr		
d	3 x 10 Sqmm	100.00	Mtr.		
e	4 x 16 Sqmm	35.00	Mtr.		
f	3 x 25 Sqmm	15.00	Mtr.		
3	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	25 mm	30.00	Mtr		
b	32 mm	25.00	Mtr		
4	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
a	8 Way, double door	4.00	Nos.		
b	12 Way, double door	1.00	Nos.		
5	S & F following rating and pole, 240 volts 'C' curve 10 kA, lexic MCB of following pole in the existing MCB DB complete with connection, testing & commissioning etc as reqd.				
a	Single Pole (5 Amp to 32 Amp)	44.00	Nos.		
b	Double Pole (40 Amp to 63 Amp)	4.00	Nos.		
6	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 soc	1.00	Nos.		
7	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. (193GI JMV)	2.00	Set		
8	Providing & fixing 25mm x 5mm GI strip on surface or in recessd for connection etc. as reqd.	50.00	Mtr		
9	Providing and fixing following pole, rating and breaking capacity 415V 50Hz MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc as required.				
a	63 Amp, 25KA, Four Pole	1.00	Nos.		
b	100 Amp, 25KA, Tripple Pole	1.00	Nos.		
10	S&F connecting and commissioning indipendent mounting of 63/100 amp MCCB enclosure as per approved make in surface/recess I/c cutting the wall and making good the same in case of recessed as reqd.	2.00	Nos.		
11	Supplying, installation DLP mini- trunking 32mm x 20mm and accessories white-system with independent cover-without central partion etc. as reqd.	20.00	Mtr.		
12	Supply and fixing of following items for plastic trunking accessories suitable for size 32 mm x 20 mm				
a	End cap	2.00	Nos.		
b	Internal angle/ External angle	4.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
c	Changeable flat angle	4.00	Nos.		
d	Flat Junction	2.00	Nos.		
13	Providing and fixing DLP plastic trunking of size 105 mm x 50 mm without cover on surface as reqd.	40.00	Mtr.		
14	Providing and fixing 85 mm width flexible cover of DLP plastic trunking. (size 105 mm x 50 mm.)	40.00	Mtr.		
15	Supply and fixing of following items for plastic trunking accessories suitable for size 105 mm x 50 mm.				
a	End cap	4.00	Nos.		
b	Internal angle.	6.00	Nos.		
c	External angle	4.00	Nos.		
d	Flat Junction	2.00	Nos.		
e	Changeable flat angle	1.00	Nos.		
f	Separation partitions	30.00	Mtr.		
g	cover joint	12.00	Nos.		
h	Base joint	18.00	Nos.		
16	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	70.00	Nos.		
b	15/16 amps switch	20.00	Nos.		
c	3 pin 5/6 amps socket outlet	70.00	Nos.		
d	6 pin 15/16 amps socket outlet	20.00	Nos.		
e	Blanking Plate	2.00	Nos.		
17	Supplying and fixing following Modular GI/plastic base & cover plate on existing modular metal boxes/DLP plastic trunking etc. as required.				
a	3 Module	10.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
b	6 Module	40.00	Nos.		
18	S/F, connecting, testing and commissioning 34/35/36 watt LED recess mounted luminaires with PMMA diffuser suitable for modular ceiling etc.as reqd.	8.00	Nos.		
19	S & F of 400 mm sweep AC 230/250 volts, 50 HZ wall mounting revolving fan with brackets etc. complete	12.00	Nos.		
20	Drawing of computer network cable in existing pipe / casing and capping as reqd including numbering the wires at both the ends.	800.00	Mtr.		
21	Fixing, Internet Box of size 75mm x 75mm x 40 mm including brass screw on surface / recessed as reqd.	23.00	Nos.		
22	S/F, copper cable lug suitable for following size of conductor.				
a	10 Sqmm	30.00	Nos.		
b	16 Sqmm	12.00	Nos.		
23	S & F of following size of steel flexible pipe alongwith the accessories on surface etc as required.				
a	25 mm	5.00	Mtr.		
	Total Rs.				