

**SCHEDULE OF QUANTITY**

Nmae of work: Replacement of damaged & defective electrical items in old core lab, CESE- Lab-4, CESE F/F/, WL-1st floor and etc in academic area on complaint basis.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/PVC conduit including dismantling as required.				
a	Group C	5.00	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 required.				
a	2 x 1.5 sq. mm	50.00	Metre		
b	3 x 1.5 sq. mm	25.00	Metre		
c	3 x 2.5 sq. mm	32.00	Metre		
d	3 x 4 sq. mm	35.00	Metre		
e	3 x 6 sq. mm	20.00	Metre		
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 required.				
a	25 mm	25.00	Metre		
4	Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover etc. as required complete.	39.00	Meter		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
5	Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system.				
a	End cap	1.00	Nos.		
b	internal / external angle	8.00	Nos.		
c	changeable flat angle	8.00	Nos.		
d	flat junction	1.00	Nos.		
6	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	29.00	No.		
b	15/16 A switch	9.00	No.		
c	3 pin 5/6 A socket outlet	18.00	No.		
d	6 pin 15/16 A socket outlet	10.00	No.		
e	Blanking Plate	3.00	No.		
7	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	5.00	No.		
8	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.				
a	5/6 amps switch	13.00	No.		
b	15/16 A switch	2.00	No.		
c	6 pin 15/16 A socket outlet	2.00	No.		
d	Fan regulator socket type	1.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
9	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
a	1 or 2 Module	3.00	No.		
b	3 Module	4.00	No.		
c	6 Module	11.00	No.		
d	12 Module	1.00	No.		
10	Supplying and fixing following size/ modules, plastic box for modular switches in recess etc as required.				
a	1 or 2 Module	2.00	Nos.		
b	3 Module	4.00	Nos.		
c	6 Module	7.00	Nos.		
11	Supply, installation, testing and commissioning of following LED lamp in existing fitting as required complete.				
a	20 watt ESENTIAL PHILIPS or equivalent Tube in place of 36/40 W FL tube	42.00	Nos.		
b	18 watt. LED PLL lamp	3.00	Nos.		
12	Supply and fixing of following LED light fixture with Electronic driver, LED lamp, reflector, diffuser, MS body/housing holder etc. complete with all fixing accessories and lamp as required complete.				
a	12 watt surface mounting LED light fixture	24.00	Nos.		
b	18 watt recess 300 x 300 mm mounting LED light fixture	7.00	Nos.		
c	36 watt recess mounting LED light fixture 600 x 600 mm	1.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
13	Supply and fixing testing and commissioning of 10 watt LED bulkhead fixture with Electronic driver, lamp, reflector, diffuser, MS body/housing holder etc. complete with all fixing accessories and lamp as required complete.(eq. To Cropmton cat. no. LBHE-10-CDL	2.00	Nos.		
14	Supply fixing connecting & commissioning of following rating ISI marked 3 pin Plug top Anchor makeas reqd complete.				
a	5 Amp	2.00	Nos.		
b	15 Amp	1.00	Nos.		
15	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.				
a	125 A,36KA,FPMCCB	1.00	No.		
16	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	Single pole 5 A to 32 A	4.00	No.		
b	Double pole 5 A to 32 A	1.00	No.		
c	Triple pole and neutral 5 A to 32 A	1.00	No.		
d	Four Pole (40A-63A)	1.00	Nos.		
17	S & F metal enclosure suitable for DP/TPN MCB / DP ELCB on surface or recessed etc as reqd.	2.00	Nos.		
18	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.	2.00	No.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
19	Supply Installation, testing and commissioning of following ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required.				
a	1200mm sweep.	1.00	Nos.		
20	Supplying and fixing exhaust fan shutter for following sizes exhaust fan on rag bolts as reqd complete.				
a	for 375 mm / 15" sweep	2.00	Nos.		
21	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	375 mm / 15" sweep	2.00	Nos.		
22	Supply and installation of 400mm sweep AC 230/250 volts, 50 Hz wall mounting revolving fan with brackets etc complete.	1.00	Nos.		
23	Dismantling, disconnecting of existing MCCB from panel/enclosure/ wall as required complete and depositing it in sectional store.	1.00	Nos.		
24	Alteration of internal wiring in existing fitting of any type for retrofitting of tube LED i/c dismantelling & refixing as reqd.	35.00	Nos.		
25	Dismantling, disconnecting old damaged unserviceable fl fitting/ exhaust fan/ ceiling fan/ bulkhead fitting with bracket etc. as reqd. and depositing in sectional store.	39.00	Nos.		
26	Providing connection for motor/ panel starter/ transformer upto 1 Kva / steblyzer.	2.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
27	Supply, installation, testing and commissioning of wall recess mounting following zone microprocessor based Main Control Panel with 10 potential free contacts for AHU/Fan control, controls and indications as per detailed specifications and with an integral power supply unit and complete with a suitably rated set of batteries and trickle charged from 240 volt AC mains supply, including the cost of mounting accessories as required, complete				
a	8 zone	2.00	Nos.		
28	Supplying, installation, testing & commissioning of smoke detector with builtin LED and mounting base complete with all connections etc. as required.	10.00	No.		
29	Supplying, installation, testing & commissioning of manual call boxes of MS construction in surface/recess with stainless steel chain & hammer assembly complete with glass and push button etc. as required.	2.00	No.		
30	Supplying, installation, testing & commissioning fire alarm sounder with facility to make announcement, mounted in M.S. box (16 SWG) with hinged cover plate & suitable for operation with amplifier i/c line matching transformer etc. complete as required.	2.00	No.		
31	Supplying, installation, testing & commissioning of addressable manual call point complete as required.	1.00	No.		
	Total Rs.				