

NAME OF THE WORK: CONSTRUCTION OF SIMULATION LAB ON THE FIRST FLOOR OF COLLEGE OF NURSING ACADEMIC BLOCK AT CMC- VELLORE, CHITTOOR CAMPUS						
			SCHEDULE-B-Electrical works			
Sl.No	Quantity		Description of the work	Rate	Unit	Amount
1			Supply and laying of open wiring for light / calling bell / exhaust fan point 2x22/.3mm (1.5sq.mm) PVC insulated unsheathed copper wire and 1x22/.3mm (1.5sq.mm.) PVC insulated unsheathed copper wire for earthing in 19mm dia 2mm thick rigid PVC conduit pipe with necessary accessories like PVC bend, nails, etc. including supply and fixing of 3 terminal ceiling rose / holder controlled by 6Amps modular one-way switch in existing metal box			
a	6.00	Pts	4.5 mts point		1PT	
b	18.00	Pts	6.0 mts point		1PT	
2	100.00	Mtrs	Supply and laying of wiring for the point wiring using 2x22/.3mm (1.5sq.mm) PVC insulated unsheathed copper wire and 1x22/.3mm (1.5sq.mm.) PVC insulated unsheathed copper wire for earthing in 19mm dia 2mm thick rigid PVC conduit pipe with necessary accessories like PVC bend, nails, etc.		1RM	
3	32.00	Nos	Labour charges for installation of LED 2x2 recess mounted light fitting (Light fitting will be supplied by CMC)		1No	
4	9.00	Nos	Labour charges for installation of 1200mm Sweep ceiling fan (Ceiling fan will be supplied by CMC)		1No	
5	9.00	Nos	Supply and fixing of 2M metal modular box along with surface plate & necessary accessories etc., (Open)		1No	
6	3.00	Nos	Supply and fixing of 3M metal modular box along with surface plate & necessary accessories etc., (Open)		1No	
7	24.00	Nos	Supply and fixing of 1 x 6A (1no Switch & 1no Socket) in 3Modular metal box along with surface palte & necessary accessories etc.,(Open)		1No	
8	25.00	Nos	Supply and fixing of 2 x 6A (2nos Switches & 2nos Sockets) in 6Modular metal box along with surface palte & necessary accessories etc.,(Open)		1No	
9	23.00	Nos	Supply and fixing of 1 x 6/16A (1no Switch & 1no Socket) in 3Modular metal box along with surface palte & necessary accessories etc.,(Open)		1No	
10	6.00	Nos	Supply and installation of 25A AC metal clad plug & socket with metal enclosure		1No	
11	6.00	Nos	Supply and installation of 25A DP 10KA Modular MCB with 2Modular metal box along with surface plate& necessary accessories etc., (Open)		1No	
12	3.00	Nos	Supply and istallation of 32A DP 10KA MCB with outdoor (IP65) enclosure		1No	
13	3.00	Nos	Supply and istallation of 32A DP 10KA MCB with indoor (IP54) enclosure		1No	
14	140.00	Mtrs	Open wiring for run of main using 2x36/.3mm (2.5sq.mm.) PVC insulated unsheathed copper wire and 1x36/.3mm (2.5sq.mm.) PVC insulated unsheathed copper wire for earth in 19 mm dia 2mm thick rigid PVC conduit pipe with necessary accessories like PVC bends, nails etc n)		1RM	
15	25.00	Mtrs	Open wiring for run of main using 2x36/.3mm (2.5sq.mm.) PVC insulated unsheathed copper wire and 1x36/.3mm (2.5sq.mm.) PVC insulated unsheathed copper wire for earth in existing PVC conduit pipe with necessary accessories like PVC bends, nails etc n)		1RM	
16	160.00	Mtrs	Open wiring for run of main using 2x56/.3mm (4sq.mm.) PVC insulated unsheathed copper wire and 1x56/.3mm (4sq.mm.) PVC insulated unsheathed copper wire for earth in 19 mm dia 2mm thick rigid PVC conduit pipe with necessary accessories like PVC bends, nails etc		1RM	
17	160.00	Mtrs	Open wiring for run of main using 2x56/.3mm (4sq.mm.) PVC insulated unsheathed copper wire and 1x56/.3mm (4sq.mm.) PVC insulated unsheathed copper wire for earth in existing PVC conduit pipe with necessary accessories like PVC bends, nails etc.,		1RM	
18	70.00	Mtrs	Supply and laying of 1RxLAN cable through 19mm dia 2mm thick PVC conduit pipe with necessary accessories like PVC bends, nails etc. (Open)		1RM	
19	120.00	Mtrs	Supply and laying of 2RxLAN cable through 19mm dia 2mm thick PVC conduit pipe with necessary accessories like PVC bends, nails etc. (Open)		1RM	

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Sl.No	Quantity		Description of the work	Rate	Unit	Amount
20	310.00	Mtrs	Supply and laying of 3RxLAN cable through 25mm dia 2mm thick PVC conduit pipe with necessary accessories like PVC bends, nails etc. (Open)		1RM	
21	1.00	Nos	Supply, erection, testing and commissioning of 12way Single phase MCB DB including supply and fixing of 10nos 6/10/16/20 Amp SP MCB's and 1no 40A DP 100mA RCCB as incomer.(ACDB)		1No	
22	10.00	Mtrs	Supply, laying, testing and commissioning of 3C 16 sq.mm XLPE insulated armoured Aluminium LT cable including supply and fixing of clamps, nuts and bolts, screws, identification tags, ferrules etc., required for clamping intervals as necessary.		1RM	
23	2.00	Nos	Supply of all materials and termination of the 3C 16 sq.mm XLPE insulated armoured aluminium LT.Cables using flange type brass cable glands (including gland earthing, Cable end lugs,cable tags)		1No	
24	40.00	Mtrs	Supply and laying of 100X50mm UPVC wall trunking, the associated accessories such as flat angle, flat tee, end cap etc.,		1RM	
25	70.00	Mtrs	Supply and laying of 3C 4sq.mm copper flexible cable in 25mm PVC conduit including supply and fixing of clamps, screws & etc., required for clamping intervals as necessary.		1RM	
			Sub Total			
(Excl. GST) C/o to CONSOLIDATED SUMMARY						