

Construction of a Generator Room for CCU At Medical College Alappuzha

PART II : ELECTRICAL WORKS

Item No.	Description	Unit	Qty	Rate (in figures & words)	Amount in Rs
1	Supply of 1x 28W fluorescent batten tube light fitting complete with all electrical accessories like electronic ballast, lamp holder, lamp etc complete as required. (Wipro Coral WRF 80128SG / Havells LHFYBYF1ON1W028 / Bajaj BTIP 128 ACR N)	Each	5		
2	Supply of the following size 1.1kV grade XLPE insulated PVC sheathed, armoured Copper conductor power cable confirming to IS 1554 amended upto date.				
2.1	3C x 4 Sqmm Cu cable	Rm	85		
3	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 PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sqmm. FRLS PVC insulated copper conductor single core cable etc. as required.	Point	5		
4	Wiring for circuit / sub-main wiring along with earth wire with 3R x 2.5sqmm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit as required.	Rm	20		

Item No.	Description	Unit	Qty	Rate (in figures & words)	Amount in Rs
5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 1 no. 3 pin 6 amps modular socket outlet and 6 amps modular switch, connection, painting etc. as required	Each	1		
6	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32amps 240 volts "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	Each	1		
7	Installation, testing and commissioning of prewired, fluorescent fittings / compact fluorescent fitting / of all types, complete with all accessories and tube etc. directly on ceiling /wall, including connections with 1.5 sq.mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	5		
8	Supplying and making end termination with brass compression gland and aluminium lugs including gland earthing for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
8.1	3C x 4 Sqmm copper	Each	2		
TOTAL OF PART II ELECTRICAL WORKS					