

PRICE BID FOR ELECTRICAL WORKS FOR ATM AT IIT DHARWAD

Sl No	Particulars : Detailed Specifications	Unit	Qty	Rate	Amount
ELECTRICAL WIRING WORKS					
1	Supply, Installation, testing and commissioning of Double door TPN MCB DB consisting of the following. Double Door 4-way TPN MCB DB Incomer: 32A 4P MCB Outgoings : 20A, DP MCB - 2 nos. 16A, DP MCB +16A, 300mA RCCB -1nos. 16A, SP MCB - 1 nos. 6A, SP MCB - 2 nos Digital timer for board lighting-1 Complete with all inter connections	Set	1		
3	UPS IN PUT DB Supply and installation of 20 A 2P MCB ISOLATOR in suitable metallic enclosure for UPS Input.	Set	1		
4	UPS OUT PUT DB Supply and installation of 20A DP MCB ISOLATOR in suitable metallic enclosure for UPS Input.	Set	1		
5a	Single light point controlled by a 6 Amp switch.	Nos	4		
5b	Secondary light points	Nos	8		
6	Supply and installation of combined 5A modular plug socket with 5A modular switch & 15A combined modular plug socket with 15A modular switch in single box.(for EB supply at UPS for ATM)	Nos	2		
	Supply and installation of combined 5A modular plug socket with 5A modular switch & 15A combined modular plug socket with 15A modular switch in single box.(for EB supply at UPS for ATM)				
7	CIRCUIT WIRING: Supply and wiring wall / floor etc. / recessed / surface as per colour code with 3 runs of 1.1KV grade 2.5 Sqmm PVC insulated flexible copper wire for phase neutral and earth conductor with standard colour coding, through ISI marked 20mm dia(medium) rigid PVC conduit with all accessories. The rate includes the cost of complete wiring from switch box to switch box. THE WIRING SHALL BE DONE CONSEALED	m	40		
8	Same as above but with 3 x4 Sq.mm in 32mm dia conduit (For Acs and UPS input)	m	15		
9	Supply and Installation of 36~40W 600mmx600mm Square recess mounting (gypsum board ceiling) LED type luminaire (including required fixing frame, chain for suspending from RCC ceiling) -Wipro, HPL, Havells, Orcus, 595mmx595mm cut out	Nos	0		

10	Supply & installation of 9~10 Watts DLED type LED light fitting with lamps and white reflector on false ceiling - ~135mm cut out	Nos	8		
11	Supply and fixing of 1 X 20W LED Batten light set on wall /ceiling. Slim with metal body	Nos	4		
12	Supply & installation of 20 ~18 Watts DLED type LED light fitting with lamps and white reflector on false ceiling (UPS Light points) - ~ 205mm cut out	Nos	2		
13	Making of Copper plate(600mmx600mmx3mm) Earth-pit as per IS 3043 complete with charcoal, funnel set etc., including making of 450 x 450mm brick masonry chamber with CI / stone / fabricated / RCC cover with lifting handles stone / fabricated / RCC cover with ligting handles etc., complete as required.	No	1		
14	Supply and providing ISI pipe earthing as per IS 3043 with 2.5m long 40mm dia B class G.I. pipe providing GI clamp at the top of the GI pipe test joint, filling around the GI pipe at the radius of 15cm with homogeneous mixture of charcoal, common salt and river sand up to height of 2.5m from the bottom and the rest of the portion with excavated soil, providing brick work masonries, plastering, fixing cast iron cover of 30x30cm size etc. complete	No	1		
c.	EARTH CONDUCTORS Supply and laying of the following size of bare copper conductor along with above cables, for interconnections between panels, DBs, change over switches etc.and also for interconnections between earth pits. i) No.10 SWG	m	15		
d.	Supply and laying of 2 X No. 10 SWG copper conductor through 20mm PVC conduit for UPS earthing.	m	15		
15	Supply and laying of 1 X No. 6sqmm copper conductor through 20mm PVC conduit for UPS earthing.	No	0		
16	Supply and providing tinned copper earth bench using 25 x 3 mm copper strip (25 Cm in length)	No	1		
17	Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect	Mtr	30		
18	Supply and fixing of 1nos of CAT 6 Modular Information outlet with SM box on wall / partitions etc.	No's	2		
19	Supply and installation of 6U wall mounted type rack. (HCL/Valrack make)	No	1		
20	Supply and Installation of Motion sensor	No	1		
Total (Excluding GST)					