

ESTABLISHMENT OF EMERALD LOUNGE GUWAHATI MEDICAL COLLEGE BRANCH
BOQ for Electrical and Air conditioning Installation Works

Part-A(Electrical installation and accessories)

SL No	DESCRIPTION	UOM	QTY	Rate (Rs.) (Exclusive of GST on work contract)	Amount (Rs.) (Exclusive of GST on work contract)
1	Sub-main line:- Wiring in MS conduit of IS specification of Proper size with core PVC insulated stranded copper wire 11KV grade (Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with supply ,installation, commissioning of all the materials required including proper termination,connection in complete as required from main DB to various DBs:-				
ii)	with 2nos 6sq.mm +1nos 4sq.mm (1ECC)	RM	100		
2	Supply ,installation ,testing and commissioning of distribution board manufactures made sheet steel enclosure With the following MCBs (DB,MCB and MCCB Make- Legrands/ Havells/ L&T/ SIEMENS or equivalent) and connecting the same to the system.				
i)	Computer/Raw power DB/Light DB, SPN double door with 32A (30mA)DP RCCB as incomer & 5nos 10A SP MCB as outgoing.	No.s	2		
ii)	DB with 32A DP RCCB.	No.s	1		
3	Computer/Raw Power point wiring in MS conduit of IS specification of proper size with 3nos 2.5sq.mm single core PVC insulated stranded copper wire 1.1KV grade(Finolex/Havells/Polycab/ RR Kabel/ Richa/KEI or equivalent) and with all material supply installation and commissioning complete from /PDB(Raw) .The wiring shall be carried out on surface above false ceiling by chiseling the existing surface and plastering the same with cement etc. after fixing the MS conduit with all accessories like saddles screws, bends T-joint etc. 2 coats of painting Matching to the surface including supply installing, testing, commissioning of modular plate type switch and socket (Legrands / MK or equivalent) for computer terminal on sheet steel enclosure (cadmium plated),duly fitted with screw to the steel conduit and fixed to the wall partition furniture with all interconnection and proper earthing .All the opening shall be covered with blank plate and be sealed to make the box vermin proof.B48(maximum three points in single circuit)				
i)	With 3nos 6A socket with single 16A switch.	No.s	7		
ii)	With 2nos 16A socket with individual switch.	No.s	6		
iii)	With 1nos 16A socket with individual switch.	No.s	4		
4	Supply, installation testing and commissioning of recessed mounted circular LED downlighter with 15W LED lamp. Make :- Bajaj/Havells/Phillips/Wipro/Crompton or equivalent.	Nos	18		
5	Supply, installation testing and commissioning of recessed mounted circular LED downlighter pressure die cast aluminum heat sink & high efficiency long life COB LED 8W	Nos	6		
6	Supply and installation of Wall Mounted fan 400 mm full Metallic body and metallic Blade, 1400 rpm with inbuilt thermal overload protection.	No.s	4		
7	Supply and installation of 5 Meter roll IP20 Flexible LED Strip surface mounted alongwith required LED Driver as back lighting. Havells or equivalent make.	No.s	5		

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8	Wiring for light/fan/exhaust fan points using 3 X 1.5 1.1 kV grade PVC insulated stranded copper conductor wire (Finolex/ Havell's/ Richa/ RR kebel/ KEI or equivalent) for phase, neutral and earth in 25 mm dia heavy duty MS conduit along with associated accessories like MS junction boxes, bends, saddles, screws et. concealed in wall, floor, under flooring, below false ceiling or on surface as well as suspended from ceiling with 25mm X 3 mm MS flat suspenders duly painted above false ceiling from individual light/Fan/Exhaust Fan point outlet. etc. to individual modular type switch boards, 10 Amp modular plate type switches etc.(MK/Legrand's/Havel's or equivalent), as required complete including circuit wiring with 3 X 2.5 sqmm. 1.1 kV grade PVC insulated stranded copper conductor wire and as per site requirement and as instructed by SBIIIMS Engineer.				
i)	Light/fan point (Two downlighter/ 2"X 2" recessed light fittings to be connected through one point)	No.s	15		
ii)	Light/fan point (four downlighter/ two 2"X 2" recessed light fittings to be connected through one point)		10		
iii)	6A socket & switch at same board	No.s	3		
vi)	Modular type with 6A SP MCB for Exhaust fan and wall fan	No.s	4		
9	Installation charges of the 2.0 TR Cassette Split AC including outdoor frame / stands to withstand the full load of outdoor units and making good all the damage.	No.s	1		
10	For 2.0 TR Copper Cassette type split air conditioners: Supply and laying of copper pipes, drain pipes (covered with GI pipes wherever necessary), copper wiring in GI conduits neatly drawn in professional manner from power points to outdoor / indoor units complete with all necessities and making good all the damages.	RM	12		
11	Supply and Installation of 5 KVA Stabilizer for 2.0 TR Cassette type Acs	No.s	1		
12	Supply, installation and commissioning of 20 liter hot and cold water dispenser with mini refrigerator along with disposal cup dispenser. Brand Bluestar/voltas etc	No.s	1		
13	Mobile Charging station with 4 different type of port with fast charging adapter.	set	1		
Total-A					
Part-B (Supply and installation of Air Conditioning unit)					
1	"Supply of 2 TR Cassette Type Inverter AC, 5 STAR with Copper Condenser Coil and refrigerant (R32 or R 410A) Indoor unit ceiling hung comprising cooling coil, evaporator fan with motor, filters, insulated drain pan, drain pump, expansion valve, refrigerant filter drier with codeless remote control unit, etc. Outdoor unit comprising single phase hermetically sealed scroll / rotary compressors, condenser coil with fan & motor, starters / controls / cutouts / relays etc., mounted inside a powder coated sheet metal cabinet of 2mm thick, duly treated for corrosion protection complete, mounted on ribbed rubber pads. AC Make, Voltas/Blue Star/Carrier/Daikin /LG"	No.s	1		
Total-B					
Grand Total (A+B)					

GST on work contract will be extra as applicable.

Separate invoice will be raised for Part-A and Part-B