

Name of work:- Providing Gen. Set Supply to 2 Nos. UPS installed in Computer Centre at PEC**SCHEDULE OF QUANTITY**

Sr. No.	Description of items	Qty	Unit	Rate	Amount
1	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
	25 mm	20	mtr.		
	32 mm	15	mtr.		
2	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	50	mtr.		
	15/16 A switch	2	each		
	6 pin 15/16 A socket outlet	2	each		
3	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.				
	1 or 2 Module (75 mmX75 mm)	4	each		
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 A & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	2	each		
5	Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc. as required.				
	150 mm width X 50 mm depth X 1.6 mm thickness	30	mtr.		
6	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	2	each		
7	Providing and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15 mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	70	mtr.		
8	Supply of 16 sqm. single core copper cable 1100V ISI marked including laying connection and testing etc. complete in working order at site.	90	mtr.		
9	S/I/T/C of cubical panel double door wall mounnted, duct & vermin proof compartmentalized cubical panel made out of 2mm thick CRCA sheet required compartment & supporting suitable channel duly painted by 2 coats zinc/red oxide primer followed by 2 coat of powder coating in siemen grey or required shade. The panel having PU/Neoprane rubber gasket of not less then 3mm thickness separating removable MS gland, base plate, incoming and outgoing cables, hinged door with inter locking arrangement for quipment/switch gear. The busbar shall be covered with PVC heat sinkable sleeve insulation. The B.B.C. shall be 100% copper 200Amp rating, TPN MCCB 200Amp 01 No., Busbar copper with 04 bars 200 Amp 01 No., TPN MCCB 100Amp 02 Nos., SPN 6 way 01 No., MCB DP 32Amp 02 Nos., MCB 32Amp 02 Nos., with digital volt meter, amp meter and face indicators complete in all respect including making proper installation and including the cost of cement sand etc. required to complete the job upto entire satisfaction of engineer-in-charge.	1	L.S.		

10	S/I/T/C of cubical panel double door wall mounnted, duct & vermin proof compartmentalized cubical panel made out of 2mm thick CRCA sheet required compartment & supporting suitable channel duly painted by 2 coats zinc/red oxide primer followed by 2 coat of powder coating in siemen grey or required shade. The panel having PU/Neoprane rubber gasket of not less then 3mm thickness separating detachable gland M.S. base plate hinged door with inter locking arrangement for quipment/switch gear. The busbar shall be covered with PVC heat sinkable sleeve insulation. The B.B.C. shall be 100% copper 200Amp rating and TPN MCCB 100Amp 02 Nos. complete in all respect including making proper installation and including the cost of cement sand etc. required to complete the job upto entire satisfaction of engineer-in-charge.	1	L.S.		
				Total	