

S.	PARTICULARS.	QTY.	UNIT.	RATE	AMOUNT.
1	S/I/T/c of 200Amps 36ka TPN MCCB (L&T / Siemens/ABB make) 440 V 3 phase on MS angle iron frame fabricated out of 40 mm. x 40 mm. x 5 mm MS angle duly painted with cable end boxes, earthing, name plate danger board fixing accessories etc. (L & T / Hager/ Havells/Siemens) enclosure in meter room.	1	Nos.		
2	MAIN POWER PANEL BOARD Supply and installation / Testing / Commissioning of main LT Panel, wall / floor mounted / operated, totally enclosed vermin proof, indoor non draw out - cubicle type power panel fabricated out of 2 mm thick CRCA sheet having gasketed hinged cover on each cubicle fully powder coated/enamel painted after seven tank treatment incorporating horizontal and vertical sleeved copper bus bars complete with all internal wiring danger board, two earthing lugs, cable chamber etc. as required housing below mentioned switchgears/ meters. (GA drawing of the panel to be got approved from the consultant)	1	Set.		
	a) 1 Nos. 160A, TPN, MCCB, 36 ka Incomer				
	b) 2 Nos. 100 AMPS TPN MCCB FOR UPS / AC				
	c) 2 Nos. 63Amps TPN MCCB for / LIGHT/ UPS				
	e) 3 Nos. 63Amps FP MCB, 3 NOS. DP MCB RAW DB				
	f) 1 set TPN copper bus bar of 200A capacity.(4 pole)				
	g) 1 set, RYB indicating lamp with fuses.				
	h) Ameter with selector switch, 3nos. of class 1.5, 200/5A, 10.0VA CTS				
	i) Volt Meter with selector switch Class.				
3	LIGHTING & RAW POWER DB . S/I/T/C of 8 way TPN Vertical double door DB for with 1 Nos. 63A FP MCB , 1 Nos. 63Amps 100ma 4 Pole RCCCB with 24 Nos – 10/20/25/32amps SPMCB	2	Set.		
4	UPS MAIN DB . S/I/T/C of 10 way SPN double door DB with 1 Nos. 63A DP MCB , 3 Nos. 40Amps DB MCB etc	1	Set.		
5	UPS Input S/I/T/C of UPS Input 63 AMPS, FP MCB with MS box.	2	Set.		
6	UPS Output S/I/T/C of UPS Input 40 AMPS DP MCB with MS box.	2	Set.		
7	UPS & RAW POWER DB S/I/T/C of 12WAY SPN Double door DB with a) 1 No 63AMPS DP MCB, b) 10 Nos. 6/32Amps SP MCB.	2	Set.		
6	P & F OF 63 AMPS FP MCB WITH WATER PROOF BOX for VRF outdoor unit	2	Nos.		
	TOTAL Rs. A.			RS.	
B	MV CABLES				
	S/I/T/C of following sizes of PVC sheathed PVC insulated Aluminium conductor armoured cable of 1.1 KV grade in trench/ duct on surface of wall, in recess on rack, in existing pipe or on clamps, nuts & bolts including supporting clamps and hardware as required.				
1	4 Core x 50 sqmm al armoured cable. WITH 2 runs of 8 SWG GI earthing. (riser to lighting / raw panel	50	Rmts.		
2	4 Core x 10 sqmm CU armoured cable for VRF unit with 2 runs of 12 SWG GI earthing.	50	Rmts.		
3	4 Core x 6 sq.mm CU armoured cable for UPS, Lighting / RAW DB with 2 runs of 12 SWG GI earthing.	100	Rmts.		
4	3 Core x 4 sq.mm CU Armoured cable for UPS DB	100	Rmts.		
5	3 Core x 2.5 sq.mm CU CABLE with 2 runs of 12 SWG GI earthing.	50	Rmts.		
6	25 sqmm CIRCUIT WIRING As above but 4 x 25 sqmm pvc copper FLEXIBLE CABLE wire with flexible pipes with necessary accessories complete for UPS input	10	Rmts.		
	CABLE GLANDS & END TERMINATION WITH LUGS				
7	4 Core x 50 sqmm...	4	Nos.		
8	4 Core X 70 sqmm...	4	Nos.		
9	4 Core x 10 sqmm	4	Nos.		
10	4 Core x 6 sq.mm	4	Nos.		
11	3 Core x 4 sq.mm	6	Nos.		
12	3 Core x 25 sq.mm	4	Nos.		

S.	PARTICULARS.	QTY.	UNIT.	RATE	AMOUNT.
	TOTAL OF B			RS.	
C	POINT WIRING				
	S/I/T/C of concealed / resessed / surface light point / fan point / call bell point wiring using 600V FRLS class-2 conductor grade 3 x 1.5 Sq.mm copper conductor PVC insulated wires (with proper color code) pulled through pRECESSION MAKE MMS PVC conduits laid concealed over false ceiling or in wall chases or on the ceiling. Provide anchor roma modular type switch plate, switches, MS concealed back box, etc. as required as approved by the Architect.				
1	PRIMARY POINT Primary light points including the cost of 6A switch	70	Pts.		
2	secondary Light Point	15	Pts.		
3	Secondary 6A Plug point on switch board / looped from above 6A primary plug point.	20	Nos		
4	Exhaust/wall fan points comprising of 5A socket near fan and switch on light switch board for exhaust/wall fan	4	Nos		
5	Ceiling fan points comprising of wiring as above with step type electronic regulator on lighting board(120 watts) and supply and installation of anchor fastener & hook to suspend the ceiling fan	5	Nos		
6	BELL POINT comprising of wiring as above including G- Magic wireless out door bell 4061 with remote, 32 -melodies & flash light.	2	nos		
7	Supply,laying,installation & testing of following concealed SOCKET POINT wiring using 1100 v grade 3 runs of 2.5 sqmm Copper conductor PVC insulated FRLS wires (with Proper RYB colour code) pulled through rigid /flexible 25mm /20mm PVC conduits of medium quality & crimp type lugs at both ends for pantry/toilet/strong room etc .Each circuit feeding not more than three points.				
8	5/15 A multi pin socket & 16 A switch point directly taken from lighting DB with necessary accesseries	20	nos		
9	5/15 A multi pin socket & 16 A switch point loop from above point	10	nos		
	TOTAL OF C			RS.	
D	RACEWAYS JUNCTION BOXES AND CONDUITS				
1	Supply and laying of following RACEWAYS/CONDUITS in required size trenches with proper ties / clamps at appropriate intervals. The rate shall be inclusive of carefully removing the floor tiles by machine cutting &removing the malwa below the tiles for laying raceways conduits for power, telephone,Data cables etc. The depth of the trenches shall be minimum 2" or upto the RCC of slab from the finished floor level . The rate shall also inclusive of back filling the trenches with mix of 1:2 PCC after laying the raceways /conduits for smooth finish upto the floor level.				
i	25 mm dia ISI mark PVC heavy duty conduits	500	Mtrs		
ii	80 x 40 x 1.6mm thick Aluminium Raceways	60	Mtrs		
iii	60 x 40 x 1.6mm thick Aluminium Raceways	60	Mtrs		
2	Supply and laying of following sizes of FLOOR JUNCTION BOXES with top cover for above raceways /conduits fabricated out of hot dip Galvanized Steel with removable screwed cover plates on all four sides for blocking the entry All the junction boxes to be properly earth bonded with raceways pipe using 14 SWG Copper bare wire. Stainless Steel plate of 14 SWG paper coated mirror finish for junction boxes with mirror screws for fixing				
i	300mm X 300mm X 50mm X 2mm thick	10	Nos		
ii	200mm X 200mm X 50mm X 2mm thick	10	Nos		
iii	100mm X 100mm X 50mm X 2mm thick	10	Nos		
3	Supply,laying,installation & testing of following COMPUTER SWITCH SOCKET POINTS on skirting/walls by using 3C X 2.5 sqmm Copper conductor PVC FR sheathed WHITE colour flexible cable pulled through already laid floor . raceways/conduits and taken upto the position marked, using PVC rigid /flexible conduits run concealed within walls/partitions/ work station etc with concealed MS box flush to the surface, front plate etc & hardware as required .Not more than three points in one circuits .Rate is inclusive of all raiser PVC flexible conduits as required.				
4	3nos of 6A Multi pin socket below the work station on 8 module plate and 16 A SP switch with indicator above the work station with above mentioned wiring from UPS DB (Max three point from single circuit)	40	Nos		

S.	PARTICULARS.	QTY.	UNIT.	RATE	AMOUNT.
5	2nos of 5/16A multi pin socket & 2 no 16A SP switch with indicator above the work station (Max three point from single circuit)	10	Nos		
	TOTAL OF D			RS.	
E	COMPUTER / RAW POWER CABLING & WIRING				
1	S/I/T/Cof computer UPS wiring ISI mark POLYCAB MAKE FRLS 3 x 2.5 Sq mm PVC copper wires from UPS DB TO work staions.with 1 SET OF 4 Nos of 5Amps 3 Multi Pin Pin Socket controlled by 1 nos of 15 Amps Switch with indicator etc complete set for BM & SWO counters.	15	NOS.		
2	S/I/T/C of RAW power wiring ISI mark POLYCAB MAKE FRLS 3 x 2.5 Sq mm PVC copper wires from RAW DB TO work staions with 3 mod plate 1 Nos 5 Amps multi pin socket with 1 nos 5 Amp switch etc complete set.(4 work stations served by 1 circuit)	30	NOS.		
3	S/I/T/C of white colour 1 SET OF 1 nos 8 mod plate 3 Nos 15amps 3 Pin Socket with 2 nos Indicator Switch etc complete set.	10	Nos.		
4	S/I/T/C of Legrand mmake Hydrolocks POP UP box of 8 mod with 1 Nos. HDMI/ 1 Nos 5/15Amps Socket / 1 Nos. International Socket etc all standared accessories.	2	Nos.		
	TOTAL OF E			RS.	
F	LIGHTING FIXTURES				
1	Supply ,installation and commissioning of the following concealed or surface mounted LIGHT FIXTURES with lamps of makes as specified or equivalent (from approved makes only) with all accessories like suitable ballast/Drivers etc. The fixtures shall be assembled and installed at position with necessary required for installation hardware such as clamps,nuts, bolts, screws,S-hook,chain and suspension rods as required or as per the requirement of light fixtures (Make: phipls/wipro/CG/Havells).				
1.1	2x2 full glow 36w LED (Equivalent To Philips Cat No. RC380B LED 34S-6500 L60 W60 PSD OD S1)	50	Nos		
1.2	15W LED LED down lighter fitting with metal body	90	Nos		
1.7	(1 X 28W) LED Tubelight	5	Nos		
1.8	(1 X 14W) LED Tubelight.	4	Nos		
1.9	S & I of Wall mounted Exhaust fan (9" dia,230V,1400 rpm) of decorative plastic body and blade with louvers outside as directed by SBI engineer.	4	Nos		
1.10	S & I of Ceiling fan (48") with anchor fastner, hook etc (Make: Khaitan / Crompton / Havells / Bajaj / Usha / Orient)	5	Nos		
1.11	S & I of Wall mounted wall fan . (Make: Khaitan / Crompton / Havells / Bajaj / Usha / Orient)	2	Nos		
1.12	S & I of Pedesrtal Fan. (Make: Khaitan / Crompton / Havells/Bajaj/Usha/Orient)	2	Nos		
1.13	S.I.T.C of LED Strip with driver etc. as directed by SBI engineer. (Make: Philips/Wipro/CG/Havells)	100	Mtr		
	TOTAL OF F			RS.	
G	WIRING FOR TELEPHONE				
1	Supply and fixing of 50 Pair telephone MDF consisting of tag blocks in groups of 10 Pair krone, disconnecter type, with S.S brackets for krone complete with powder coated metal enclosure, krone tag block mounting arrangement, telephone distribution chart and locking arrangement (for EPABX Field side).	2	Nos.		
2	Supply and laying of 50 pair Cu ARM jelly field cable of 0.5 sqmm electrolytic grade tinned copper PVC insulated twin twisted pairs with terminations and ferruling in respective of Krone type connector wherever necessary through already laid conduits/ Raceways.	50	mtrs		
3	Supply & installation of Telephone point wiring on workstations/tables/partitions by using 2-pair cable pulled through already laid floor raceways/conduits and taken upto the table top using PVC rigid / flexible conduits run concealed. Each point consists of one RJ-11 jack type telephone socket, MS box flush to the surface, front plate etc & hardware as required as per instruction of engineer.	40	Nos.		
	TOTAL of SECTION (G)			RS.	
H	EARTHING				

S.	PARTICULARS.	QTY.	UNIT.	RATE	AMOUNT.
1	Preparation and commissioning of earth pits as per IS 3043-1987 made up of the following size electrode embedded 3 meter in ground with 115 mm alternate layer of charcoal ,salt and sand. The bus bar bolted to earth plate by a bolt and check nut & washer. Watering arrangement of funnel for chamber with cast iron cover for whole assembly.				
1.1	GI earthing pit made up of 600 x 600 x3mm thick hot dipped galvanized electrode.	1	Nos		
1.2	COPPER PLATE earthing pit made up of 600 x 600 x3mm thick hot dipped galvanized electrode.	1	Nos		
1.3	25 X 3mm thick copper strip	20	Mtrs		
1.4	25 X 3mm thick GI strip	30	Mtrs		
1.5	1C x 6 sq.mm flexible Cu. Wire through heavy guage PVC conduit (Dedicated UPS Earthing)	40	Mtrs		
1.6	Isolated Earthing bus bar comprising of 300 X 40 X 6 mm thick Copper bar fixed on insulated support and having 25 nos of holes and nut and bolts for clamping the earth leads. The whole assembly in MS box of size 400mmX 300mm X50mm deep and having transperant acrylic cover etc.	1	Nos		
	TOTAL of SECTION (H)			RS.	
	SUMMARY				
A	MAIN LT PANEL / DBS			RS.	
B	MV CABLES			RS.	
C	POINT WIRING			RS.	
D	JUNCTION BOXES AND CONDUITS			RS.	
E	COMPUTER CABLING & WIRING			RS.	
F	LIGHTING FIXTURES			RS.	
G	WIRING FOR TELEPHONE			RS.	
H	EARTHING			RS.	
	Grand Total (A to H)			RS.	
	GST WILL BE PAYABLE EXTRA				