

ELECTRICAL WORK					
S.NO.	Description of the work	Unit	Qty	Rate (Rs)	Amount (Rs)
1	Supply and installation(Concealed) of Double door 4 Way VTPN DB with MCB having breaking capacity of 10 KA. a) Incoming- 1 No ... 63amp , 25KA,4P MCCB b) Outgoing - 6 Nos. 40 Amp DP MCB C series for <b>(Main Supply Power DB )</b> Necessary blanking plate as required.(As per IS8828-96 Latest)	No.	6		
2	Supply and installation(Concealed) of 6WAY Double door VTPN DB with MCB having breaking capacity of 10 KA. a) Incoming- 1 No ... 160 amp , 25KA, 4P MCCB b) Outgoing - 6 Nos. 63 Amp TP MCB C series <b>(for UPS POWER supply for each floor)</b> Necessary blanking plate as required.(As per IS8828-96Latest)	No.	1		
3	a) Supply and installation(Concealed) of Double door 4 way TPN DB with MCB having breaking capacity of 10 KA. a) incoming- 1 No ... 63 amp ,25KA,4P MCCB b) outgoing - 2 Nos. 63 Amp 4P MCB C series , 2 Nos 32 amp SP MCB C series, 4 Nos 6/10 amp SP MCB C series Necessary blanking plate as required.(As per IS8828-96Latest) <b>(UPS Room DB for 6 wings ) (</b>	No.	6		
4	Supply & installation(concealed) of double door <b>12 way SP MCB DB</b> with following accessories a) 1 No. 32 amp. <b>100 mA DP RCBO</b> as incomer b) 10 Nos. 16 Amps SP MCB Make: <b>(4 UPS DB for each wing and total 6 wing )</b>	No.	24		
5	Supply & installation(concealed) of double door <b>12 way MCB DB</b> with following accessories a) 1 No. 32 amp. <b>100 mA DP RCBO</b> as incomer b) 10 Nos. 6/16 Amps SP MCB Make: <b>(3 LDB &amp; 2 RP DB for each wing 1 for comomn area toilet, liftlobby,passge etc)</b>	Nos.	33		
6	Supply & installation(concealed) of double door <b>12 way MCB DB</b> with following accessories a) 1 No. <b>63 amp.4P MCCB,25 KA</b> as incomer b) 10 Nos. 16/25 Amps SP MCB Make: <b>(Power DB)</b>	Nos.	12		
7	S& F 4P MCB 63 amp C series ,	Nos	6		

8	S& F DP MCB , 32 amp C series with MS enclosure	Nos	18		
9	S& F METRAPLUG SOCKET WITH , 32 amp SP MCB C series with MS enclosure	Nos	10		
9	Supply & installation of 1.1 KV Grade PVC insulated and sheathed armoured AL cable with GI earth continuity wire by MS bar saddles on wall 4C x 25 sqmm	Mtrs	450		
	a)				
	b) 4C x 150 sq.mm. for UPS SUPPLY	Mtrs	70		
10	End connection of above cable with heavy duty nickle plated brass compression gland crimping type socket insulation tape etc. with all concern. a) 4C x 25 sqmm.	Nos.	12		
	c) 4C x 150 sq.mm.	Nos.	2		
11	Distribution wiring(concealed/partly surface) including new point wiring 660 volt grade 3x1.5 sq.mm. (cu) PVC flexible wire in <b>BEMS PVC (ISI Marked)</b> conduit along with Conduit accessories circular boxes, MS boxes, 6 Amps <u>Modular Type switch</u> with socket outlets 6 pin, all individual control switch etc. Conduit size & nos of wires in conduit as per code of practice with circuit wiring with (2x2.5 + 1X1.5) sq.mm. copper wire from MCB DB to respective sw board. N.B. (i)Earth & neutral may be looped but from the last point earth & Neutral has to be connected with sw board. (ii)Point wiring should be inclusive of continuous wire length up to the connection block of light fittings/fans.				
	b) Light point(one switch control one lights)	Nos	500		
	b) Light point(one switch control two lights)	Nos.	71		
	c) Light point(one switch control three lights)	Nos.	63		
	c) Light point(one switch control four lights)	Nos.	30		
	d) Fan point/ Exhaust fan with 6AMP 5 Pin socket near fan	Nos	10		
	e) Bracket Fan point with 6 amp 5pin socket & switch	Nos.	205		
	f) Call bell (with supply and fixing call bell)BM,ENTRY,BACK EXIT	Nos	11		
	g)Board plug point 5 pin 5 Amps.	Nos.	30		
	h) S & F Double module Electronics step regulator 80W	Set	16		

12	a) wiring with 660 V grade PVC insulated multi stranded <b>FRLS wire</b> copper wire through ISI marked <b>BEMS CONDUIT</b> with junction box ,circular box, elbows ,bends, couplers and other accessories concealed ( below the false ceiling) or by chase cutting on wall /floor or on surface by bar saddles :				
	a) 3X2.5 sq mm in 20 mm dia conduit (For incoming and power point 16 amp)	Mtrs.	400		
	b) 3X4 sq mm in 20 mm dia conduit ( <b>1.0 Tr/1.5 SPLIT AC</b> )	Mtrs.	100		
	c) 2X6 sq mm +1X2.5 sq mm in 25 mm dia conduit ( <b>for all DB</b> )	Mtrs.	3000		
	d) 4X4+1x2.5 sq mm in 25 mm dia conduit ( <b>UPS incoming</b> )	Mtrs	100		
	e) 4X6+1x2.5 sq mm in 25 mm dia conduit ( <b>POWER WIRING</b> )	Mtrs	100		
	e) 4 X16+1x2.5 sq mm in 32 mm dia conduit ( <b>POWER DB INCOMING</b> )	Mtrs	100		
	wiring with 660 V grade PVC insulated multi stranded <b>FRLS wire</b> copper wire through ISI marked <b>MEDIUM DUTY CONDUIT</b> with junction box ,circular box, elbows ,bends, couplers and other accessories concealed ( below the false ceiling) or by chase cutting on wall /floor or on surface by bar saddles : BEMS CONDUIT:				
	a) 3X2.5 sq mm in 20 mm dia conduit (For incoming and power point 16 amp)	Mtrs.	800		
	b) 3X4.0 sq mm in 20 mm dia conduit (For incoming and power point 16 amp)	Mtrs.	400		
13	Distribution wiring including new point wiring 660 volt grade <b>2x2.5+1x1.5 sq.mm. ( Copper FRLS wire )</b> PVC insulated flexible wire in <b>19/20 MM MEDIUM CONDUIT (ISI Marked)</b> conduit along with Conduit accessories circular boxes, MS boxes : a) 2 Nos 16 amp switch, 2 Nos 6 amps socket outlet, 1 Nos 6/16 amps socket outletwith indicator <b>(8 Module)</b> b) 1 No. mounting box c) 1 No. front plate Rate must be quoted including wiring cost ( <b>For UPS POWER at DESK</b> )	Sets	400		
14	Distribution wiring including new point wiring 660 volt grade <b>2x2.5+1x1.5 sq.mm. (copper FRLS wire )</b> PVC insulated flexible wire in <b>19 MM SWG MEDIUM DUTY</b> (ISI Marked) conduit along with Conduit accessories circular boxes, MS boxes, 1x 6 Amps + 1x6Amps modular type switch and socket and 1x 16 Amps + 1x16Amps modular type switch and socket <b>(6 Module) (RAW POWER)</b> at WORK STATION. rate must be quoted including wiring cost.	Sets	400		

15	Distribution wiring including new point wiring 660 volt grade 2x1.5+1x1.5 sq.mm. <b>(copper FRLS wire )</b> PVC insulated flexible wire in <b>19 mm MEDIUM DUTY</b> (ISI Marked) conduit along with Conduit accessories circular boxes, MS boxes, 1x 6 Amps + 1x6Amps modular type switch and socket <b>(6 AMP Points).</b> (Crabtree/PHILIPS/Legrand/NW ) <b>(3 Module)</b>	Sets	60		
16	Supply & installation of MS Flush metal box with front plate enclosing the following duly interconnected : make:( Crabtree /Legrand/ Philips ) a) 1 Nos 16 amp switch & 1 Nos 6/16 amps socket outlet with indicator b) 1 No. mounting box c) 1 No. front plate	sets	60		
17	a) Supplying and fixing Philips make 36W LED FLAT PANEL after disconnection of existing fitting 2'x2' size in grid type false ceiling, 600x600 suitable for recess mounting, CRCA sheet, asthetic looking, or eqv eqv.	Nos.	308		
	b) Supplying and fixing Philips make or eqv <b>10 W LED round type downlighter</b>	Nos.	433		
	c) Supplying and fixing Philips make or eqv <b>6 W LED round type downlighter</b>	Nos	30		
	d) Supplying and fixing LED strip 3000 K <b>24 watt</b> 5 mtr length with driver	sets	100		
	e) Supplying and fixing Philips make <b>1x18 Watt LED tube light</b> wipro cantee/toilet/safe room (Philips/crompton greaves/ wipro/Jaguar )	Nos.	78		
	f) Supplying and fixing of angular /batten holder with 9 W LED lamp(Orpat/Philips/wipro) on wall or ceiling with necessary interconnection.	Nos.	3		
	g) Supplying and fixing <b>12W LED</b> downlighter surface mounted	Nos.	15		
	h) Supply & fixing of the 1200 mm 48") Sweep Ceiling fan (Orient PSPO/crompton greaves/havells) with downward rod(below false ceiling), canopy etc. including of PVC flexible copper wire.(white colour)( High speed) (Warranty Cerificate is necessary)with downward rod, circular boxes, ball sockets, ceiling plates,suitable arm bracket etc. including connection with wire)White colour (WITHOUT REGULATOR)	No.	10		
	i) Supply & Installation of 12" dia Exhaust fan 900 rpm with louver including hole cutting EPC/Crompton)	Nos	20		

	j) Supply & installation of wall bracket fan 16" dia(Heavy duty/ high speed) Make Bajaj/crompton greaves/havells/PSPO (to be supplied after consultation with architect as per approved drawing)	Nos.	205		
18	a) Supply & fixing 3c x 2.5 sq.mm. PVC insulated multistrand flexible cable (Gloster/Mescab/National/finolex/Rajnigandha)	Mtrs.	100		
19	Dismantling of Existing light fittings , old switch boards ,old wiring,as per requirement. (PER FLOOR)	floor	3		
20	<b>UPS INPUT / OUTPUT SOCKET:</b> Supply & fixing on wall industrial Plug & socket DB with hyalm(or ISI approved) cover one 63 Amps industrial socket (3P+N+E) but with 63 Amps TP MCB (Legrand)duly inter connected. (UPS outgoing & incoming)	sets	24		
21	<b>UPS CHANGEOVER PANEL :</b> Supply and installation change over panel of 16 SWG thickness sheet steel enclosure including the following duly interconnected with 2 nos. 63 A 4P ON load change over switch and distribution in various areas. i) 9 Nos. 25 mm x 6 mm of 300 MM tinned copper bus bars (2R 2Y 2B 2N,E-1) on insulators ii) 6 Nos. 32 Amp DP MCB C series ( Legrand/Siemence/Hager ) (3 nos MCB on one bus bar and 3 nos on other busbar of UPS supply) cost must be icluded for interconnecting wire from THREE PHASE BUS BAR TO DP MCB and beween changeover	sets	6		
22	a) Dismantling of existing split ACs and refixing the same at proposed location with-in premises	sets	5		
	b) Dismantling of existing window ACs and refixing the same at proposed location with-in premises	sets	10		
	Total amount <b>(excluding GST)</b>	Rs			



















