	ITEM DETAILS	QTY.	UNIT	RATE	AMOU
	PART- A:				
	PART- I : PANELS , KIT KATS & CABLES				
1	Providing and fixing of 03 no 200 Amps KITKAT with 1 no neutral link	1.00	job		
	on suitable size of Bakelite sheet of thickness not less than 12 mm				
	complete as required				
2	MAIN PANEL : Supply at site installation testing and commissioning				
	of panel fabricated with 16 G MS sheet. The panel shall be free				
	standing type totally enclosed dust and vermin proof construction				
	with rubber gaskets. The floor mounting panel shall have ISMC				
	mounting channels, GI earth busbar, busbar chamber ,cable alleys				
	interconnection with solid bar/PVC insulated copper conductor as				
	per requirement, and suitable supports of busbars. The panel shall				
	be painted with two coats of enamel paint ( Grey shade) over				
	primer and shall also be provided with designation of Incoming and				
	outgoing feeder as details below:				
	INCOMING				
	1 no MCCB Breaking Capacity 25 KA 160 Amp 4P , L&T make				
	1 no 0 -500V digital Voltmeter in separate compartment and digital				
	Amp meter and one set of CTs ( 3 Nos ) with CT Ratio 200/5 A with				
	LED type phase Indication Lamps with protection fuses in a separate				
	compartment				
	200 Amps capacity 4 strips Aluminium bus bars.				
	OUTGOING				
	1 nos MCCB Breaking Capacity 10 KA 160 Amp 3P and 2 nos MCCB	1.00	set		
	Breaking Capacity 10 KA 100 Amp 3P with seprate neutral Link, L&T				
	make.				
3	EMERGENCY PANEL: Supply at site installation testing and				
	commissioning of panel fabricated with 16 G MS sheet. The panel				
	shall be free standing type totally enclosed dust and vermin proof				
	construction with rubber gaskets. The floor mounting panel shall				
	have ISMC mounting channels, GI earth busbar, busbar chamber				
	,cable alleys interconnection with solid bar/PVC insulated copper				
	conductor as per requirement, and suitable supports of busbars.  The panel shall be painted with two coats of enamel paint ( Grey				
	shade) over primer and shall also be provided with designation of				
	Incoming and outgoing feeder as details below:				
	incoming and outgoing reeder as details below.				
	INCOMING				
	1 no MCCB Breaking Capacity 25 KA 125 Amp 4P , L&T make				
	1 no 0 -500V digital Voltmeter in separate compartment and digital				
	Amp meter and one set of CTs ( 3 Nos ) with CT Ratio 200/5 A with				
	LED type phase Indication Lamps with protection fuses in a separate				
	compartment				<u> </u>

	I		1	T
	1 nos MCCB Breaking Capacity 10 KA 100 Amp 3P and 4 nos MCCB	1	set	
	Breaking Capacity 10 KA 63 Amp 3P with seprate neutral Link, L&T			
	make.			
4	Supply, Installation, testing & commissioning of PVC insulated PVC			
	sheathed armoured cable of 1100 V (IS;1554 Part 1) and fixing of			
	cable on wall with suitable size of clamps /saddles or laid in			
	floor/recess wall including cutting of wall /floor and making good			
	the damages etc complete as required of following sizes (ISI			
	marked). (Make: Havells/ RR Kable / KEI/Finolex/)			
a)	3.5X50 sq. mm aluminum conductors armoured cable with two Nos.	35.00	mtr.	
	8 SWG GI wire			
b)	3.5X25 sq. mm aluminum conductors armoured cable with two Nos.	50.00	mtr.	
	8 SWG GI wire			
c)	3X6 sq. mm copper conductors armored cable with one Nos. 8 SWG	45.00	mtr.	
	GI wire (For UPS Supply only)			
d)	3X2.5 sq. mm copper conductors armored cable	30.00	mtr.	
5	Supplying and making end termination with brass compression			
	gland and aluminium lugs for following size of PVC insulated and			
	PVC sheathed / XLPE aluminium/Copper conductor cable of 1.1 kV			
	grade as required.			
a)	3.5X50 sq.mm aluminum conductor	4.00	no	
a) b)	3.5X 25 sq.mm aluminum conductor	6.00	no.	
	·		no.	
c)	3X6 sq. mm Copper cable gland.	4.00	no.	
d)	3X2.5 sq. mm Copper cable gland.	14.00	no.	
6	Supplying & fixing the 1 no.4 pole 200 Amps capacity change over	1.00	no.	
	<b>switch</b> and complete connection with Electrical Panels as required.			
	Make: Havells/HPL/Standard/ Legrand/L&T			
7	UPS DISTRIBUTION BOARD			
	supply, installation, testing and commissioning of factory fabricated			
	distribution board rust inhibited, powder coated sheet fabricated			
	comprising of incoming and outgoing isolator and MCB's neutral link			
	or neutral bus, top and bottom detachable entry earthing bolts			
	interconnection and grouting bolts etc complete as requd. <b>Make:</b>			
	Havells/HPL/Standard/ Legrand/L&T. as per details below :-			
	Travelis/Til L/Stalidard/ Legiand/Lex1. as per details below .			
a	4 way DB comprising of 2 no. 63 amp DPMCB (UPS out put)	2.00	each	
b	4 way TPNDB Double Door comprising of 1 no. incoming 63 amp 4P	1.00	each	
~	MCB & 3 no. 32 DPMCB (UPS input)			
8	Providing and laying following sizes of PVC insulated copper			<del>                                     </del>
U	conductor cable of 1100 V in flexible/ PVC conduit pipe with			
	·			
	accessories such as glands bends etc ( as per requirement) including			
	making necessary interconnection etc complete as required.			
	2 X 6 Sq mm with 1 no suitable insulated 2.5 sq mm multi stranded	18.00	mtr.	
	copper wire in PVC flexible pipe. (Make: Havells/ RR Kable /			
	KEI/Finolex)			
9	Cost of maintaning & working 24 X 7 from date of commensment of	1.00	Job	<del> </del>
3		1.00	100	
	work to date of completion including dismentalling of existing			
	required electrical work.			<del> </del>
1				

	PART-II: COMPUTER POINTS & DISTRIBUTION			
10	Supply all material, storing, handling, fixing of computer points computer points in suitable size of GI/PVC box including providing 3 nos 5 amps 3 pin modular sockets to be provided under table top and controlled by 1 no 15 A moduler type switch and indicator (to be provided above the table top in partition) with moduler cover plate etc complete as required including 3X2.5 sq. mm copper armored cable Note: Maximum two computer points are to be provided on one circuit. (Switches: Make: Anchor/Crabtree/North-West/MK	15.00	each	
11	Supply, installation, testing and commissioning of factory fabricated distribution board rust inhibited powder coated sheet fabricated comprising of incoming and outgoing isolator & MCBs neutral link or neutral bus, top and bottom detachable entry earthing bolts interconnection and grouting bolts etc complete as required as per details below. Make: Havells/HPL/Standard/ Legrand/L&T			
a)	8 way SPN MCBDB Double Door comprising of 1 No 63 Amp DP Isolator and 6 No SPMCB 10/16 Amp. (UPS output)	1.00	no.	
b)	6 way SPN MCBDB comprising of 1 No 63 Amp DP Isolator and 4 No SPMCB 10/16 Amp. (UPS output)	1.00	No	
c)	4 Way TP MCBDB Double Door in recessed wall including cutting of wall and making good the damages comprising 1 no 100 A FP TPN and 6 Nos.32 A DPMCBS etc complete as required. (for Air conditioning only).	1.00	no.	
d)	4 WayTP MCBDB Double Door in recessed wall including cutting of wall and making good the damages comprising with 30mA ELCB and 12 Nos. 6/10 Amp SPMCBS etc complete as required. (for Light, Fan point only)	1.00	no.	
e)	4 WayTP MCBDB Double Door in recessed wall including cutting of wall and making good the damages comprising 1 no 100 A FP MCB and 12 Nos. 20/25 Amp SPMCBS etc complete as required. (for Raw Power Only)	1.00	no.	
12	RAW POWER: Supply all material, storing, handling, fixing of Raw power points in suitable size of GI/PVC box including providing 1 nos 15 amps 6 pin modular power sockets to be provided controlled by 1 no 15 A moduler type switch and indicator with moduler cover plate etc complete as required including 2X2.5 sq. mm FRLS copper wire + earth wire in dia 2 mm in thickness ISI Mark PVC pipe. Note: One RAW power points are to be provided on one circuit and dirctly to be connected on Power DB. (Switches: Make: Anchor/Crabtree/North-West/MK	6.00	each	
13	Supply, installation, testing and commissioning of following capacity 3 pin metal clad industrial type plug and socket arrangement with plug top, cap and chain controlled by under noted capacity: (Make: Havells/HPL/Standard/Legrand/L&T)			

a)	20 Amp with 20 Amp. C Curve SP MCB. (for 1.0Tr /1.5 Tr High wall	3.00	no.	
	split AC's and seprate connection of record room/safe room/ chest			
	room etc. as required )			
b)	20 Amp with 32 Amp. DP MCB for Acs (for 2.0 TR Cassette AC's )	4.00	no.	
14	Providing and fixing of suitable size MS box fabricated with 16 G MS	1.00	job	
1-4	sheet either in recess wall or on surface to accommodate dedicated	1.00	JOB	
	earth from earth electrode and further distribution of earth to			
	computer points including providing of 5 mm bakelite on base			
	connector strip and painting of box etc as required.			
15	Basic electrical Wiring of light points, plug points			
	Wiring for light point/ ceiling fan point/ exhaust fan point with 1.5			
	sq.mm FRLS PVC insulated copper conductor single core cable in			
	surface / recessed medium class PVC conduit ISI Mark, with 6Amp			
	modular switch, modular plate, suitable GI junction & switch boxes			
	& clip and earthing the point with 1.5 sq.mm FRLS PVC insulated			
	copper conductor single core cable etc. as required. (Wires Make:			
	Havells/ RR Kable / KEI/Finolex) (Switches : Make:			
	Anchor/Crabtree/North-West/MK)			
	(Rate includes 3 x 2.5 sq.mm FRLS copper conductor, single core			
	cable in PVC conduit for circuit/sub main wiring along with earth			
	wire )			
a)	single 6 Amp Switch controlling 1 light point for T-5, Cove light,	20.00	no.	
	exhaust Fans, Ceiling fan and other seprate room supply only.			
b)	single 6 Amp Switch controlling 4 no. downlights / 4 no. LED	30.00	no.	
,	downlight / 2 no. 2'- 0"x 2'-0" 36 watt light fittings.			
c)	single 6Amp socket controlling by 5Amp Modular switch in switch	20.00	no	
()	boards - 10 Nos. & Wall Fans - 10 Nos with switch & socket in	20.00	no.	
	separate switch board etc complete as required.			
	Note: Lihgts/fans points to be calculated by numbers of lights and			
	no extra cost shall be paid for dummy switch.)			
16	PART III - EARTHING			
	a)Supply and fix copper plate earth station with 600X600X3mm	1.00	Sets	
	copper plate including all accessories such as watering pipe and			
	funnel and providing masonry enclosure at top with cover plate i.e			
	excavation of pit, supplying and filling of salt charcoal, refilling of pit			
	etc complete as required as per IS 3043-1987. The voltage between			
	neutral and earth must be below 1 V. The work includs supply, fixing			
	and termination of 5M Length 20X3 mm size copper strip with earth			
	station below ground level etc as required.			
		2.00	C - +	
	b)Supply and fix <b>GI plate earth station</b> with 600X600X6mm GI plate	2.00	Sets	
	including all accessories such as watering pipe and funnel and			
	providing masonry enclosure at top with cover plate i.e excavation			
	of pit, supplying and filling of salt charcoal, refilling of pit etc			
	complete as required as per IS 3043-1987. the work includes supply,			
	fixing and termination of 5M Length 20X3 mm size G.I strip with			
	earth station below ground level etc as required.			

17	a)Providing and fixing of 8 SWG copper earth wire in the recess for loop earthing etc. as required.	30.00	Meter	
	b)Providing and fixing of 8 SWG GI earth wire in the recess for loop earthing etc. as required.	25.00	Meter	
18	Supply and laying following dia 2 mm in thickness ISI Mark PVC pipe under floor or in recessed walls from earth electrode to UPS room for computer dedicated earthing			
	25 mm diameter	55.00	Meter	
	PART IV - TELPHONE & DATA CABLE			
20	Wiring for telephone points with 0.6 mm dia 2 pair insulated annealed tinned electrolatic copper conductor in 2 mm thick 25 mm dia ISI marked PVC conduit complete with accessories such as bends, junction boxes etc. with suitable size of G.I./PVC box modular plate and cover in front on surface or in recess including providing and fixing modular type telephone socket outlet and making necessary connections etc. complete as reqd. (Make: Dglink/KEI/Finolex)	9.00	no.	
21	Supply, installation and testing & commissioning of Tag Block 20 pair for telephone connections <b>Make: krone</b>	1.00	no.	
22	Providing , Laying, testing & commisioning of 10 pair telephone cable from outside govt. / bsnl DB to Rack for lease line, ISDN of Make: Delton, finolex, polycab.	30.00	mtr.	
23	Data cabling work for computer networking starting from mounting rack at system room with UTP CAT-6e LAN Data cable in 2mm thick 25 mm dia ISI mark PVC conduit with accessories such as bends, Tees, junction boxes including providing and fixing cat-6 I/O plates and SMB complete with all networking accessories etc complete as reqd.  (Make: D-LinK/MOLEX/AMP/COMMSCOPE).  Note: Only One Data Points to be provided in One Table/Counter.  Extra poitns not to be paid if provided. Maximum 6 no. data cable must be run in one pvc pipe. (Extra Data points not to be provided	15.00	no.	
	as per bank's guidlines)			
24	supply, installation, testing and commissioning of 24-port Patch Panel	1.00	no.	
25	Supply and installation, testing and commissioning of mounted rack 15" hight made of powder coated MS sheet	1.00	no.	
26	supply, installation, testing and commissioning of factory manufactured CAT-6e patch chord complete with 2 no. connectors etc. complete as reqd.			
a)	1 mtr. long	15.00	no.	
b)	2 mtr. long	9.00	no.	

27	Supplying & Laying of following COPPER REFRIGERANT PIPING Thickness 22 SWG For Air Conditioners units complete with fittings Suction / Discharge line insulated with 12 mm SUPERLON / ARMAFLEX suction line. Multi-runs between Indoor & Outdoor units shall be considered as ONE length for the purpose of measurement. (Make: Total Line/Armacell)			
a)	1/4" + 1/2" Refrigerant Copper piping - For Hiwall Split AC's (1.0Tr / 1.5Tr )	130.00	mtr.	
b)	5/8" + 3/8" Refrigerant Copper piping – For HWS/Cassette AC ( 2.0Tr / 3.0Tr)	0.00	mtr.	
28	Supplying & laying recessed in wall Rigid ISI Mark PVC drain pipe of size 20mm dia complete with fittings, U traps etc. & as specified to the nearest toilet / drain point under floor or in recessed walls for AC drains including cutting of walls, bends & Tees. making good the damages etc. wherever required. (Make: Diplast/Supreme)	105.00	mtr	
29	Supplying and providing Eletrical flexible FRLS Copper cable of 3 x 2.5sq.mm multi strand suitable for 1.0Tr / 1.5 Tr H.W Split / 2.00 Tr Cassette Multi-runs between Indoor & Outdoor units and between Metal Clads to Out door for electrical supply etc complete as required (Make: Havells/ RR Kable / KEI/Finolex)	180.00	mtr	
30	Removing & refixing at new positions as per new layout plan of existing Split & cassettee units indoor & Required outdoors including gass filling as per manufactors specifications & service complete as required. (Cassettee - 7 Nos, Split - 5 Nos)	0.00	Nos	
	DART R.			
	PART- B : PART-VI : LIGHTS & FANS FIXTURES			
31	SITC of 2"x2" Celing grid 33-36 watt LED panel fixtures with essential driver in false ceiling including making necessary arrangement for mounting the fixtures and connection with 2 x 1.5 sq.mm insulated copper cable from adjacent point in PVC flexible pipe etc Complete as reqd. Cat. No. BZRSQL 43L LED GF of Bajaj or equivalent of Philips / Wipro. 120 Lumens per Watt. Color temperature 6000K.	32.00	no.	
32	SITC of 15 watt LED fixtures /dowlighters with essential driver in false ceiling including making necessary arrangement for mounting the fixtures and connection with 2 x 1.5 sq.mm insulated copper cable from adjacent point in PVC flexible pipe etc complete as reqd. Make Phillips cat no. DN - 192 - 1000 or equivalent of Wipro / Crompton / Bajaj.	56.00	no.	
33	SITC of 18 watt of T5 LED fixtures directly on ceiling / wall including making necessary connections with 2x1.5 sq.mm insulated copper cable conductor wire etc. complete as reqd Make; Phillips / Wipro / Bajaj.	5.00	no.	
34	Supply of 450 mm sweep Metal Body and Metal Blades Polar(or equivalent) SDX BLCK GOLD wall fan etc. 1325 rpm High Flow Mode complete as required. (M/s equivalent of Bajaj / Havells / Usha Orient / Crompton greaves)	12.00	no.	

SITC of 1200 mm CEILING fans complete as reqd. (M/s Crompton	0.00	no.				
High Breeze or equivalent of USHA / Bajaj).						
SITC of 200 mm exhaust fans complete with self opening louvers /	2.00	no.				
shutters including necessary frame etc, complete as reqd. (M/s						
Crompton High Breeze or equivalent of USHA / Bajaj)						
LED Strip light (4.5/5 watt ) of approved colour & shade (blue /	80.00	MTR.				
wharm white etc. for cove (M/s Phillips /Wipro / Bajaj / Crompton /						
Havles / Osram Complete in all respects with suitable drivers.						
TOTAL OF PART : I +II+III+IV+V (A)						
TOTAL OF PART : VI (B)						
TOTAL AMOUNT (A+B)						
GRAND TOTAL						
GST extra as per applicable						
Note: the vendor have to provide LAN and Cabling diagram after completion of the work along with the bill,						
without it payment will not be made.						
	High Breeze or equivalent of USHA / Bajaj).  SITC of 200 mm exhaust fans complete with self opening louvers / shutters including necessary frame etc, complete as reqd. (M/s Crompton High Breeze or equivalent of USHA / Bajaj)  LED Strip light (4.5/5 watt ) of approved colour & shade (blue / wharm white etc. for cove (M/s Phillips /Wipro / Bajaj / Crompton / Havles / Osram Complete in all respects with suitable drivers.  TOTAL OF PART: I + II + III + IV + V (A)  TOTAL OF PART: VI (B)  TOTAL AMOUNT (A+B)  GRAND TOTAL  GST extra as per applicable  Note: the vendor have to provide LAN and Cabling diagram after com	High Breeze or equivalent of USHA / Bajaj).  SITC of 200 mm exhaust fans complete with self opening louvers / shutters including necessary frame etc, complete as reqd. (M/s Crompton High Breeze or equivalent of USHA / Bajaj)  LED Strip light (4.5/5 watt ) of approved colour & shade (blue / wharm white etc. for cove (M/s Phillips /Wipro / Bajaj / Crompton / Havles / Osram Complete in all respects with suitable drivers.  TOTAL OF PART: I + II + III + IV + V (A)  TOTAL OF PART: VI (B)  TOTAL AMOUNT (A+B)  GRAND TOTAL  GST extra as per applicable  Note: the vendor have to provide LAN and Cabling diagram after completion of	High Breeze or equivalent of USHA / Bajaj).  SITC of 200 mm exhaust fans complete with self opening louvers / shutters including necessary frame etc, complete as reqd. (M/s Crompton High Breeze or equivalent of USHA / Bajaj)  LED Strip light (4.5/5 watt ) of approved colour & shade (blue / 80.00 MTR. wharm white etc. for cove (M/s Phillips /Wipro / Bajaj / Crompton / Havles / Osram Complete in all respects with suitable drivers.  TOTAL OF PART: I + II + III + IV + V (A)  TOTAL OF PART: VI (B)  TOTAL AMOUNT (A+B)  GRAND TOTAL  GST extra as per applicable  Note: the vendor have to provide LAN and Cabling diagram after completion of the work	High Breeze or equivalent of USHA / Bajaj).  SITC of 200 mm exhaust fans complete with self opening louvers / shutters including necessary frame etc, complete as reqd. (M/s Crompton High Breeze or equivalent of USHA / Bajaj)  LED Strip light (4.5/5 watt ) of approved colour & shade (blue / wharm white etc. for cove (M/s Phillips /Wipro / Bajaj / Crompton / Havles / Osram Complete in all respects with suitable drivers.  TOTAL OF PART: I +II+III+IV+V (A)  TOTAL OF PART: VI (B)  TOTAL AMOUNT (A+B)  GRAND TOTAL  GST extra as per applicable  Note: the vendor have to provide LAN and Cabling diagram after completion of the work along with		