S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
1	Wiring for light point/ fan point/ wall fan point/ exhaust fan/				
	light sockets etc. with 1.5 sq.mm. (3x1.5 sqmm, P+N+E) PVC				
	insulated 1100 V Grade copper conductor (FRLS) wires & 1.5				
	sq.mm. copper earth wire in concealed/ surface using 16 SWG				
	MS conduits, accessories such as bends, tees, saddles, draw				
	boxes, mounting boxes, inner plates, cover plates, ceiling rose				
	etc (whereever required) and chromium plates brass screws/				
	rowel plug etc. The circuit wiring starting from DB to point				
	control box/ switch box using 2 X 2.5 sq.mm PVC insulated				
	1100 V grade multi- stranded copper conductor wire & 2.5				
	sq.mm. PVC insulated earth wire (color code to be used).				
	(Flexible conduit/ elbow not allowed). The conduit to be laid				
	in ceiling with proper clamps/ wall/ floor and flling the chase				
	with cement mortar and finishing the same in original form/				
	wooden partition/ above false ceiling with proper clamps etc.				
	all complete.				
	(Wherever required as per standard specifications).				
	i) Each circuit shall have independent earth wire.				
	ii) Each point shall be earthed.				
	iii) Circuit wiring is to be included in point wiring rates.		1.5.00		0.00
i	One light points controlled by one 6 amp. Modular switch	Nos.	16.00		0.00
ii	Two light points controlled by one 6 amp. Modular switch	Nos.	38.00		0.00
iii	Three light points controlled by one 6 amp. Modular switch	Nos.	16.00		0.00
iv	Four light points controlled by one 6 amp. Modular switch	Nos.	5.00		0.00
v	Five light points controlled by one 6 amp. Modular switch	Nos.	5.00		0.00
vi	One call bell point with ceiling rose/ 6amp. 3 pin socket	Nos.	2.00		0.00
	controlled by one 6 amp. Push Modular switch. With call bell				
vii	One wall fan/ exhaust fan point controlled by one 6 amp.	Nos.	28.00		0.00
	Modular switch. The switch should be at switchboard level				
viii	One 5 pin socket controlled by one 6 amp. Modular switch				
	complete assembly includes plate box etc.		0.05		0.00
a •	Dependent Constitution of the state of the s	Nos.	9.00		0.00
1X	One ceiling fan point with step type regulator	Nos.	2.00		0.00
Х	Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper				
	Conductor FRLS wires from DB to first 6A, 5 Pin modular				
	socket controlled by one 6A switch and looped to the nearest				
	second point with same 2*2.5 + 1*2.5 Sqmm copper				
	conductor wires FRLS insulated 1100V grade.				
a	Primary	Nos.	16.00		0.00
	, J		0.00		

b	Secondary	Nos.	28.00	0.00
xi	Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 16 Amp MCB two Nos., for Glow sign Board.			
a	Primary Point	Nos.	2.00	0.00
2	POWER POINTS			
	Same as serial no.1, but wiring for 16 Amp, 6-pin sockets by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1* 4.0 sq.mm earth wire from D.B. to first point 1 st socket and 1 st to 2 nd , socket with 2*2.5 sq.mm. and 1*2.5 earth wire including providing and fixing of 16 Amp, 6 –pin socket with 16 Amp. Switch. (Modular type switch/ socket/ plate etc. complete assembly).			
<u>a)</u>	Primary point	Nos.	16.00	0.00
<u>b)</u>	Secondary point	Nos.	12.00	0.00
3(a)	Same as serial no.1, but wiring for A/C socket by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*4.0 sq.mm. PVC insulated 1100 V grade copper conductor wire with modular type AC box(tiny trip type) with socket complete in all respects controlled by 25/32 A SP MCB to be provided near indoor unit. The point starts from DB to stabilizer to the point near the indoor unit including top.	Nos.	15.00	0.00
3(b)	Same as serial no.1, but wiring for A/C socket by using 2*6 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*6.0 sq.mm. PVC insulated 1100 V grade copper conductor wire of weather proof type 2 way SPN DB complete in all respects controlled by with 32 Amp (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit. Item to also include termination lid between MCB and outdoor unit.	Nos.	2.00	0.00
3(c)	Same as serial no.1, but wiring for A/C socket by using 4*6 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*6.0 sq.mm. PVC insulated 1100 V grade copper conductor wire and weather proof type 4 way SPN DB complete in all respects controlled by with 40 Amp TPN (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit (includes wires for terminal connection of outdoor unit from TPN) including wiring to the terminals of the outdoor unit from weather proof box. Item to also include termination lid between MCB and outdoor unit.		6.00	0.00
	COMBUTED BOINTS			
4	COMPUTER POINTS			

a	Wiring with 2x2.5 sq.mm. + 1x2.5 sq.mm. PVC insulated				
"	1100 V grade multi stranded copper conductor wires in 2 mm				
	thick PVC conduit from UPS DB to computer point. Each				
	point to have 3 nos. 6 amps. 5 pin modular type sockets, one 6				
	amps modular swtich with all accessories, inner/ outer plates,				
	1 ^				
	metal box etc. and to be fixed on wooden partitions/ by				
	grouting on wall etc. as per requirement at site. The switch				
	should be fixed above the top of counter with indicator and				
	sockets under the counter.				
	Primary	Nos.	16.00		0.00
	Secondary	Nos.	28.00		0.00
b	Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm PVC insulated 1100				
	V grade multi stranded copper conductor wires in 2 mm thick				
	PVC conduit from UPS DB to computer point. Each point to				
	have 1 nos. 16 amps 5 pin modular type sockets, 1 No's 16				
	amps modular swtich with all accessories, inner/ outer plates,				
	metal box etc and to be fixed on wooden partitions/ by				
	grouting on wall etc as per requirement at site. The switch				
	should be fixed above the top of counter and sockets under the				
	counter. or as directed by the engineer incharge.				
	, ,				
	Primary	Nos.	2.00		0.00
	Secondary	Nos.	2.00		0.00
5	POP UP BOX POINTS		6.00		
	Provide desk top plug is specially provision 1)	Nos.	6.00		0.00
	Multi-connectors for data and power connection.				
	Connectors: 1x Universal Socket, 2x RJ45				
	internet, 1x VGA, 1x 3.5mm audio Jack 1x usb				
	2.1 a port) Hydraulic (pneumatic) open close				
	movement 3) with bottom box 4) Self-locking				
	mechanical latching mechanism 5) Press-open				
	pop-up cover				
В.	CONDUITING FOR TELEPHONE, COMPUTER &				
ъ.	CONDUITING, WIRING FOR T.V. SYSTEM.				
	CONDUITING, WIRENGT OR 1.V. STOTEM.				
1.0	TELEPHONE SYSTEM				
1.1	Wiring for VOICE from Jack Panel in data rack to computer	Nos.	31.00		0.00
	workstation with Cat-6 voice cable in PVC conduits of size				
	20/ 25 mm including providing ferrules at both ends and				
	termination at both ends including providing & fixing frame				
	for telephone socket with shutter, RJ 47 outlet, faceplate and				
	mounting box complete of modular type. This work includes				
	supply and laying of CAT-6 cable in PVC conduits throughout				
	the lenght, from the I/O hub to the point.				
1.2	Supplying, laying, effecting terminations, testing and				
	commissioning of 0.51 mm dia Cu. Conductor, twisted, colour				
	coded with polythene capor barrier, telephone cables in the				
	existing tray or in conduit including providing &fixing conduit				
	pipe or cable tray as required from building tag block to the				
	, i 6 6 · · · · · · · · · · · · · · · · ·		1 1	ı	
	floor as required.				
a)	floor as required. Supplying & fixing 50 pair krone tag block with enclosure.	Nos.	1.00		0.00

2.1	COMPUTER NETWORKING Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in PVC conduits of size 20/25 mm including providing ferrules at	Nos.	35.00	0.00
	both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.			
2.2	Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	Nos.	2.00	0.00
2.3	Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	4.00	0.00
2.4	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	35.00	0.00
2.5	Supplying and fixing Patch Cord-1 Meter-	Nos.	35.00	0.00
C.	CABLES, MAINS & SUBMAINS			
1	Supplying all materials and laying/ pulling 1100 volts grade			
	PVC insulated copper conductor wires (FRLS) in MS conduit			
	with all fixing accessories after cutting the floor, wall and the like etc. and replastering the floor level to original. Conduit			
	must be 30 mm below the floor finish level.			
i	2 X 6 sq.mm. + 1 X 6 sq.mm.	RM	30.00	0.00
ii	4 X 10 sq.mm. + 2 X 6 sq.mm.	RM	35.00	0.00
iii	Supplying, laying, testing & commissioning of 4 C X 16 sq.mm. at 1100 volts grade PVC insulated aluminium conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (, LIGHT PLUG DB, UPS Room).	RM	45.00	0.00
iv	Supplying, laying, testing & commissioning of 4 C X 25 sq.mm. at 1100 volts grade PVC insulated aluminium conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (POWER DB).	RM	30.00	0.00
V	Supplying, laying, testing & commissioning of 4 C X 35 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (for AC DB)	RM	30.00	0.00

vi	Supplying, laying, testing & commissioning of 4 C X 95 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (for Main Connection)	RM	40.00	0.00
D.	DISTRIBUTION BOARD			
	Supplying, installing, testing & commissiong of surface/recessed mountings, Double door 415 volts TPN MCB distribution board of steel steel, 1.6mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper busbars, earthbar, common neutral link, din bar for mounting of MCB's detachable gland/knock out plate & with built in loose wire boxl, and superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and upto the terminal connectors/ neutral link and ready for installation of following ways as required.			
	Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for motor duty i.e. for pumps, AC motors, window and split AC's etc. & 'D' curve for UPS DB's i.e. for computers/PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B,C & D. Contractor to select the MCB's accordingly as per the nature of the circuit/ load.			
	Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.			
	UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.			
	All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating. Inside each DB, a DB chart is to be fixed.			
	inside each DD, a DD chart is to be fixed.			
a	6-way TPN DB (LIGHT DB & 6 A raw point)	No.	2.00	0.00
	Incomer:-			-
	1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase			
	Outgoing:-			
	12 Nos.10/20 Amp (10 KA) SP MCB			
b	6-way TPN DB (POWER DB)	No.	2.00	0.00
	Incomer:-	110.	2.00	0.00
	1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase			
	Outgoing:-			
	12 Nos.10/20 Amp (10 KA) SP MCB		ļ	
	10 CDN DD GIDC WYDYITS	3 T	1.00	0.00
С	12-way SPN DB (UPS INPUT)	No.	1.00	0.00

	Incomer:-			
	1 No. 63 Amp TPN			
	Outgoing:-			
	1 Nos.40 Amp TPN MCB			
	2 Nos.40 Amp DP MCB			
	2 TOOL TO THIS DI TIED			
d	6-way V-TPN DB (AC RBO)	No.	2.00	0.00
	Incomer:-	1101	2.00	0.00
	1 No. 63 Amp TPN 4 Pole (16KA) MCCB			
	Outgoing:-			
	4 Nos. 32 Amp (10 KA) TP MCB			
	6 Nos. 32 Amp (10 KA) SP MCB			
	o room 32 rang (ro rang) or mes			
f	2-way SPN DB with 40 A DP MCB (For UPS Input / output)	No.	4.00	0.00
	12 way CDN DD (Fay LIBC OUTDUT)	No.	2.00	0.00
g	12-way SPN DB (For UPS OUTPUT)	INO.	2.00	0.00
	Incomer:- 1 No. 25 Amp DP (10 KA) MCB with 25 A DP RCCB (100)			
	MA)			
	Outgoing:-			
	8 Nos.6/10/16 Amp (10 KA) SP MCB			
	8 NOS.0/10/10 Allip (10 KA) SF NICB			
E	(LIGHT FITTINGS & ACCESSORIES)			
L	Supplying, installation with hanging support, testing and			
	commissioning of following light fixtures with electronic			
	Ballasts, Tubes, lamps, all fixing materials including			
	connecting wires etc. all complete as per the directions of			
	Engineer-in-charge (All LED Light Fixures should be covered			
	with minimum 3 Years onsite replacement warranty).			
	1 3/			
i	FULL GLOW 2 X 2 LED 36 W slim Smart Panel of make As	Nos.	35.00	0.00
	specified in tender document or approved by SBI/ Architect.			
ii	Supplying, fixing, testing and commissioning of 15/18 W LED	Nos.	127.00	0.00
	commercial type down lighter of make As specified in tender			
	document or approved by SBI/ Architect.			
iii	Supplying, fixing, testing and commissioning of 20 W LED T	Nos.	24.00	0.00
	8 fitting make As specified in tender document or approved by			
	SBI/ Architect.			
iv	LED Strip for cove lighting 15 W per 5 M with driver and	Nos.	45.00	0.00
	necessary installation supporting fittings of Led strip light (5)			
	mtr.) make as specified in tender document or approved by			
	SBI/ Architect.			
v	Supplying, fixing, testing and commissioning of commercial	Nos.	25.00	0.00
	type pendant light (linear profile light) of min. having, length			
	6 ft, width 50 mm or as approved by architect, make. As			
	specified in tender document or approved by SBI/Architect.			
	(Basic price start 4000 rs)			
vi	Supplying, fixing, testing and commissioning of commercial	Nos.	20.00	0.00
'-	type step light /upright/down two side light of make As			
	specified in tender document or approved by SBI/Architect.			
	(Basic price start 2500 rs)			
	(LDasic pile start 2500 15)			

vii	Wall mounted fans 400/450 mm dia. make As specified in tender document or approved by SBI/ Architect. (METAL BODY)	Nos.	23.00	0.00
viii	Ceiling fans 1200 mm dia. make As specified in tender document or approved by SBI/ Architect.	Nos.	2.00	0.00
ix	Supply & fixing of 230 mm exhaust fan with louvers and plastic body with all accessories etc. complete of make As specified in tender document or approved by SBI/ Architect.	Nos.	6.00	0.00
F.	EARTHING SYSTEM			
1	Supply, Installation, Testing and Commissioning of Maintenace Free Earthing system made up of copper-bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Nos	2.00	0.00
2	Supply, Installation, Testing and Commissioning of Maintenace Free Earthing system made up of copper-bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Nos	2.00	0.00
3	Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required.			
i	Providing and fixing 2 X 8 SWG dia. Cu earth wire in PVC conduit on surface or in recess for loop earthing along with the existing surface/ recess cable as required eith using of copper lug at end termination	RM	90.00	0.00
G.	MAIN PANEL AND METER BOARD			
1	supply, installation, testing and commissionings of cubicle type floor/wall mounted L.T. Metal D.B of reputeded make with extendeble rotary handle and extended connecting links			
	1 No. 160 Amps,TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/Bank's Engineer	Nos.	1.00	0.00

2	Designing, fabrication, supply, installation, testing and			
	commissionings of front operated cubicle type			
	compartmentalised, front access, free standing on 75MM "["			
	MS channel, dust and vermin proof (IP 42 degree protection)			
	panel suitable for use at 415V, 3 phase, 4-wire 50Hz system			
	suitable for fault level of required value symmetrical at 415V			
	fabricated from 2 mm thick CRCA MS sheets with hinged,			
	gaskettted (Metal based neoprene) locable doors having			
	structural reinforcement including 3 mm thick gland plates on			
	top and bottom, lifting hooks, GI earth strip of required size			
	with 2 nos earth terminals, 2 nos 230V AC operated 250 mm			
	X 250 mm size axial fans for exhaust of heat with On-Off			
	toggle switches including 2 coated primer and 2 power coated			
	paint fnish of approved shade over metal surface cleaned and			
	treated with seven tank process complete with			
	interconnections etc as per specifications as required.main			
	panel board of approved make			
	Type of Approval as instructed by the SBI/ Architect). All			
	live accessible parts shall be shrouded and all equipment shall			
	be finger touch proof. The busbars insulation shall be with			
	heat shrinkable sleeves SMC/ DMC shrouds and busbar			
	supports shall be used. Padlocking facility shall be provided on			
	all outgoing feeders doors and switch handles shall be locable			
	in OFF position.			
	Suitable arrangement shall be made for termination of multiple			
	incoming cables.			
	All kA values indicated shall be Ics breaking capacity			
	GA drawings shall be got approved by Architect / SBI			
<u>a.</u>	Floor panel shall consists of : -			
	INCOMER			
	1no. 160 Amp 4P On Load Changeover switch with 1 no. of			
	160A TPN MCCB (25KA) with extandable rotary handle each			
	BUSBARS			
	200 amps TPN busbar chamber of suitable length with copper	<u> </u>		
	busbars. One set of TPN BUS BAR for Main Raw Power DB			
	and other TPN Bus bar for interconnection of below outgoing			
	supply interlinked with DG set. All busbars and			
	interconnections shall be of suitable size copper strips.			
	INDICATING PANEL			
	Digital flush type class-1.0 accuracy multifunction meter			
	showing V, A, PF etc. with 3 Nos. current transformers of			
	150/5A ratio, 10 VA Class-1.0 metering 1 sets			
	Red/Green/Amber ON/ OFF/ TRIP indicating lamps with 2A			
	SP MCB backup protection			
	1 set of three phase indicating lamps along with 2A SP MCB			
	backup protection			
	Restricted Earth fault relay with 3 Nos. current transformers of			
	150/5 ratio, 10 VA Class 5P 10 (Numeric Relay not required)			
	(Ivalification for the class of the (Ivalification Relay flot required)			
			l	l

	Undervoltage, Overvoltage & phase reversal relay for persisted			
	voltage of 105-180% & 20-95% of rated voltage (Numeric			
	Relay not required)	I		
	OUTGOINGS:-		+	
	2 Nos 40 A DP MCB (10 kA) terminals suitable to receive		+	
	cable on one side and wire connection to Bus bars.	I		
	cable on one side and wife connection to bus bars.	I		
	2 Nos 40 A TPN MCB (10 kA) terminals suitable to receive			
	cable on one side and wire connection to Bus bars. (For Server	I		
	DB & Spare)	<u></u>	<u> </u>	
	4 Nos 63 A TPN MCB (10 kA) terminals suitable to receive			
	cable on one side and wire connection to Bus bars. (For Power	ı		
	DB, Light DB & Spare)	1		
	3 Nos 63 A 4 pole MCCB (16 kA) terminals suitable to			
	receive cable on one side and wire connection to Bus bars.	I		
	(For AC DB & capacitor)	1		
	The electrical panel as described above and specifications	Set	1.00	0.00
	complete.		↓	
			 	
3	Supply, installation, testing and commissioning of 30 KVAR	I		
	capacitor as following-	0.4	1 00	0.00
	Incoming- 63A 4pole MCCB, Outgoing- 8 stage power factor		1.00	0.00
	relay with 3 nos. 50/5 current transformer for current sensing			
	capasitor 1 KVR- 1 nos, 2 KVR- 2nos., 5 KVR- 3 nos., 10			
	KVR- 1 no. Contractors and TP MCB on each complete			
	withphase indication and stage indication. MS cubical having			
	ventilation with wiremesh, copper conductors and aluminium	ı		
	busbars etc complete as per direction of Architect /Bank.	I		
H	PUBLIC ADDRESS SYSTEM		<u> </u>	
1	Supply and laying Wiring of 1.5 sq mm twin core shelded type		50.00	0.00
	of speaker cable with Providing and fixing in position the			
	following FRLS PVC conduits including all accessories			
	concealed/exposed in F.Ceiling/Wall complete as required			
	including 1.6/2.0 mm thick PVC junction or pull boxes with			
	3mm thick perspex sheet cover plate complete with 1.6 mm	I		
	dia G.I. pull wires in the length of conduit. including all			
2	Supply, installation, testing and commissioning of following		+ + +	
	Philips (BOSCH) make Music Accessories / Equipments.	I		
	1 1	1		
a.	Ceiling Speaker Unit 6 Watts	Nos.	15.00	0.00
b	Power Amplifier, min 100 Watts with output transformer etc.	Nos.	1.00	0.00
	complete. Plena Range/ Ahuja or as approved by the Bank	ı		
	capable of taking Inputs from USB Also.		<u> </u>	
	TOTAL BOD ELECTRICAL WORKS		++	0.00
	TOTAL FOR ELECTRICAL WORKS The rates quoted includes all other taxes , duties , loading, unli			0.00