.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. 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.				
İ	Primary light points controlled by one 6 amp. Modular switch	Nos.	51.00		0.00
ii	Secondary light points controlled by one 6 amp. Modular switch	Nos.	49.00		0.00
iii	One call bell point with ceiling rose/ 6amp. 3 pin socket controlled by one 6 amp. Push Modular switch. With call bell	Nos.	1.00		0.00
iv	One wall fan/ exhaust fan point controlled by one 6 amp.	Nos.	15.00		0.00
	Modular switch. The switch should be at switchboard level				
٧	One 5 pin socket controlled by one 6 amp. Modular switch				
	complete assembly includes plate box etc.				
а	Dependent	Nos.	6.00		0.00
vi	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.				
	Div	N.I.	0.00		0.00
a L	Primary	Nos.	6.00		0.00
b	Secondary	Nos.	10.00		0.00
vii	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.				
<u>а</u>	Primary Point	Nos.	2.00		0.00

_	Io		1	<u> </u>	
	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 1st socket and 1st to 2nd, 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). Note: Only 2				
	points shall be provided in a circuit				
	points shall be provided in a circuit				
>	Daine and a sint	NI	0.00		0.00
a)	Primary point	Nos.	6.00		0.00
b)	Secondary point	Nos.	5.00		0.00
3(a)	Same as serial no.1, but wiring for A/C socket by using 2*4	Nos.	4.00		0.00
3(a)	sq.mm. PVC insulated 1100 V grade copper conductor	1403.	7.00		0.00
	wire and earthing with 1*2.5 sq.mm. PVC insulated 1100 V				
	· · · · · · · · · · · · · · · · · · ·				
	grade copper conductor wire with modular type 2 Nos. AC				
	box (tiny trip type) with socket complete in all respects				
	controlled by 25/32 A SP MCB - one to be provided near indoor				
	unit and second near DB. The point starts from DB to stabilizer				
	to the point near the indoor unit including top.				
3(b)	Same as serial no.1, but wiring for A/C socket by using 2*4	Nos.	2.00		0.00
3(5)	sg.mm. PVC insulated 1100 V grade copper conductor	1403.	2.00		0.00
	wire and earthing with 1*2.5 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 40 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.				
3(c)	Same as serial no.1, but wiring for A/C socket by using 4*6	Nos.	1.00		0.00
	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 32 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.				
3	COMPUTER POINTS				
а	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, 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				
		Nos.	5.00		0.00
	Primary Secondary	Nos.	10.00		0.00
	Occorruaty	1105.	10.00		0.00

	1			1	
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 Nos. 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 for				
	the Data Rack, Fire.				
	Primary	Nos.	2.00		0.00
	Secondary	Nos.	4.00		0.00
B.	CONDUITING FOR TELEPHONE, COMPUTER &				
	CONDUITING, WIRING FOR T.V. SYSTEM.				
1.0	TELEPHONE SYSTEM				
1.1	Wiring for VOICE from Jack Panel in data rack to	Nos.	10.00		0.00
	computer workstation with Cat-6 voice cable in PVC	1100.	10.00		0.00
	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 length, from the I/O hub to				
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 floor as required.				
a)	Supplying & fixing 20 pair krone tag block with enclosure.	Nos.	1.00		0.00
, í					
b)	P/L 20 Pair of PVC insulated PVC sheathed multi core jelly	Mtrs.	35.00		0.00
, í	filled armored telephone.				
	·				
2	COMPUTER NETWORKING				
2.1	Wiring for computer networking from Jack Panel in data	Nos.	21.00		0.00
	rack to computer workstation with Cat-6 computer 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 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 lenght, from the I/O hub to				
2.2	Supplying and fixing 9 U (Rack with glass door, opening in	Nos.	1.00		0.00
	the front power panel 1 (horizontal), cable manager 1 lock				
	& key).				
2.3	Supply, Installation, Testing & Commissioning of 24 port	Nos.	1.00		0.00
	Jack Panel (One each for data and telephone)		,		0.00
<u></u>	· · · ·		40.55		• • •
2.4	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting	Nos.	12.00		0.00
L	Cord)		04.55		•
2.5	Supplying and fixing Patch Cord-1 Meter-	Nos.	21.00		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. (UPS DB Branch, UPS Input/ Output)	RM	35.0	0.00
ii	2 X 4 sq.mm. + 1 X 4 sq.mm. (UPS DB E-Lobby, E-Lobby DB, E-Lobby UPS Input/ Output)	RM	25.0	0.00
iii	Supplying, laying, testing & commissioning of 4 C X 10 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 DB, POWER DB, UPS Supply).	RM	55.00	0.00
iv	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 (V-TPN AC DB)	RM	20.00	0.00
V	Supplying, laying, testing & commissioning of 4 C X 35 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification	RM	50.00	0.00
	(for Main Connection).			
D.	(for Main Connection). DISTRIBUTION BOARD			
D.	Incompection of surface 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 for installation of following ways as required.			
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			
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			

	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.			
а	4-way TPN DB (LIGHT DB & 6A RAW)	No.	2.00	0.00
	Incomer:-			0.00
	1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100			
	IMA) each phase			
	Outgoing:-			
	6 Nos.10/20 Amp (10 KA) SP MCB			
b	4-way TPN DB (16A RAW POWER DB & AC DB)	No.	1.00	0.00
	Incomer:-			
	1 No. 63 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase			
	Outgoing:-			
	6 Nos.10/20 Amp (10 KA) SP MCB			
С	4-way VTPN DB (16A RAW POWER DB & AC DB)	No.	1.00	 0.00
C	Incomer:-	NO.	1.00	0.00
	1 No. 63 Amp TPN 4 Pole (16KA) MCCB			
	Outgoing:-			
	1 Nos. 32 Amp (10 KA) TP MCB			
	9 Nos.10/20 Amp (10 KA) SP MCB			
	19 NOS. 10/20 ATTIP (10 NA) SE NICB			
d	8-way SPN DB (For UPS INPUT) with 1 Nos. 63 A TPN MCB	No.	1.00	0.00
	as incomer			
е	2-way SPN DB with 40 A DP MCB (For UPS Input/ output)	No.	4.00	0.00
f	12-way SPN DB (For UPS OUTPUT)	No.	1.00	0.00
•	Incomer:-	110.	1.00	0.00
	1 No. 40 Amp DP (10 KA) MCB with 40 A DP RCCB (100			
	IMA)			
	Outgoing:-			
	8 Nos.6/10/16 Amp (10 KA) SP MCB			
	. ` ` ,			
g	6-way SPN DB (For E - Lobby) double door DB with	No.	1.00	0.00
	lock & key arrangement			
	Incomer:-			
	1 No. 40 Amp DP (10 KA) MCB with 40 A DP RCCB (100			
	MA)			
	Outgoing:-			
	2 Nos. 6/10/16 Amp (10 KA) SP MCB			
h	O way CDN DD /F Labby LIDS Cub DD) dayble door DD	No.	1.00	0.00
11	8-way SPN DB (E-Lobby UPS Sub DB) double door DB with lock & key arrangement	INO.	1.00	0.00
	with lock & key arrangement			
	Incomer:-			
	1 No. 25 Amp DP (10 KA) MCB with 25 A DP RCCB (100			
	MA)			
	Outgoing:-			
	4 Nos. 6/10/16 Amp (10 KA) SP MCB			

E.	(LIGHT FITTINGS & ACCESSORIES)			
	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 1 Years onsite replacement warranty).			
i	FULL GLOW 2 X 2 LED 36 W slim Smart Panel of make As specified in tender document or approved by SBI/Architect.	Nos.	20.00	0.00
ii	Supplying, fixing, testing and commissioning of 15 W LED commercial type down lighter of make As specified in tender document or approved by SBI/ Architect.	Nos.	46.00	0.00
iii	Supplying, fixing, testing and commissioning of 20 W LED T 8 (4'-0") fitting make As specified in tender document or approved by SBI/ Architect.	Nos.	11.00	0.00
iv	LED Strip for cove lighting 15 W per 5 M with driver and necessary installation supporting fittings of Led strip light (5 mtr.) make as specified in tender document or approved by SBI/ Architect.	Nos.	15.00	0.00
V	Supplying, fixing, testing and commissioning of recessed LED Profile Light with plain diffuser suitable for continuous/ seemless connection of make Wipro/ Philips/ Havells as specified in tender document or approved by Bank/ Architect (Note: First make is the preferred make. Contractor shall take approval before installation).	Mtr.	10.00	0.00
vi	Wall mounted fans 400/ 450 mm dia. make As specified in tender document or approved by SBI/ Architect (METAL BODY).	Nos.	11.00	0.00
Vii	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.	4.00	0.00
F.	EARTHING SYSTEM			
1	Supply, Installation, Testing and Commissioning of Maintenace Free Earthing system made up of copperbonded rod of 10 feet length, 23 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	Supply, Installation, Testing and Commissioning of Maintenace Free Earthing system made up of copperbonded 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 hill) Providing and fixing of Copper earth wire in surface or in recess for loop earthing etc. as required.	Nos	2.00	0.00
3	the hill) Providing and fixing of Copper earth wire in surface or in recess for loop earthing etc. as required.			

	<u> </u>			
i	Providing and fixing 1 X 10 Sq.mm. Cu earth wire in PVC conduit on surface or in recess for loop earthing along with the existing surface/ recess cable as required with using of copper lug at end termination	RM	70.00	0.00
ii	Providing and fixing G.I. earth link with insulator and 10 nos of nut, bolt, washer, and spring washer for earth wire connecting in UPS room.	Nos.	1.00	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. 100 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, gaskettled (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. 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 lcs breaking capacity GA drawings shall be got approved by Architect/ SBI			
a.	Floor panel shall consists of : -			
a.	INCOMER			
	1no. 100 Amp 4P On Load Changeover switch with 1 no. of 100 A TPN MCCB (25KA) with extandable rotary handle each			
<u> </u>	RUSBADS			
	BUSBARS 125 amps TPN busbar chamber of suitable length with copper busbars. 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			
	100/5A 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 100/5 ratio, 10 VA Class 5P 10 (Numeric			
	Relay not required)			
	OUTGOINGS:-			
	3 Nos 40 A DP MCB (10 kA) terminals suitable to receive			
	cable on one side and wire connection to Bus bars (E-			
	Lobby, Sign board)			
	4 Nos 63 A TPN MCB (10 kA) terminals suitable to receive			
	cable on one side and wire connection to Bus bars. (For			
	UPS Incomer DB, Power DB, AC DB, Spare)			
	2 Nos 40 A TPN MCB (10 kA) terminals suitable to receive		-	
	cable on one side and wire connection to Bus bars. (For			
	Light DB)			
	1 Nos 63 A 4 pole MCCB (16 kA) terminals suitable to			
	receive cable on one side and wire connection to Bus			
	bars. (For AC DB & Capacitor panel)			
	The electrical panel as described above and specifications	Set	1.00	0.00
	complete.	001	1.00	0.00
	complete.			
Н.	PUBLIC ADDRESS SYSTEM			
1	Point wiring for speakers in 1.5 sq mm twin core shelded	Nos.	5.00	0.00
•	type of speaker cable with Providing and fixing in position	1100.	0.00	0.00
	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 dia G.I.			
	pull wires in the length of conduit. including all accessaries.			
	pull wires in the length of conduit. Including all accessaries.			
2	Supply, installation, testing and commissioning of following			
	Philips (BOSCH) make Music Accessories/ Equipments.			
a.	Ceiling Speaker Unit 6 Watts	Nos.	5.00	0.00
b.	Power Amplifier, min 30/ 40 Watts with output transformer	Nos.	1.00	0.00
	etc. complete. Plena Range/ Ahuja or as approved by the			
	Bank capable of taking Inputs from USB Also.			
	TOTAL FOR ELECTRICAL & ALLIED WORKS			0.00
	The rates quoted includes all other taxes, duties, loading			

Note:- The rates quoted includes all other taxes , duties , loading, unloading , transportation, other expenses etc to site. Only GST will be paid Extra