

BILL OF QUANTITY FOR ELECTRICAL WORKS

BARODA U.P. BANK, REGIONAL OFFICE, DEORIA

Rev					
S.No.	Particulars	Unit	Qty.	Rate	Amount
	The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 750mm interval & finally finishing the surface & matching the same with the existing surface. Item 1,3, 4 & 5				
	The rate should include the cost of all materials, modular switch complete with MS box & cover plate, labour, T&P, taxes & levies, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc				
	L&F Point Wiring, Circuit wiring & Power Point wiring				
	L & F Points				
1	Primary Point Wiring for light points controlled thru modular switches complete with boxes & cover plate - The point wiring shall be carried with 3*1.5sq.mm FRLSH stranded Cu. Wires in 20mm PVC conduit pipe concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The job shall include cost of circuit wiring with 3*1.5sq.mm FRLSH Cu stranded wires in 20mm OD PVC Pipe from nearest TPN Db to controlling SDb. The job shall be complete & to the entire satisfaction of the Bank. Each Switch board should be provided with suitable capacity fuses/ fuse indicator	Point	87		
2	Secondray Light Point				
	Same as above but looped from PP with 3*1.5sq.mm FRLSH stranded Cu. Wires in 20mm PVC conduit pipe concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The job shall be complete & to the entire satisfaction of the Bank.	Point	95		
3	6 A switch socket points on Sdb: S/F of 6A switch points with an additional indicator and 6Amp. modular Type switch & socket. It shall have 3*1.5sq.mm FRLSH stranded Cu. Wire as per requirement. The job shall be complete & to the entire satisfaction of the Bank.	Point	21		
4	Point Wiring for wall fan points controlled thru modular switches complete with boxes & cover plate - The point wiring shall be carried with 3*1.5sq.mm FRLSH stranded Cu. Wires in 20mm PVC conduit pipe concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The job shall also included S/F of 6A switch socket near wall fan for regulating the same. The job shall include cost of circuit wiring with 3*1.5sq.mm FRLSH Cu stranded wires in 20mm OD PVC Pipe from nearest TPN Db to controlling SDb. The job shall be complete & to the entire satisfaction of the Bank. Each Switch board should be provided with suitable capacity fuses/ fuse indicator	Each	31		
5	Point Wiring for Ceiling fan points controlled thru modular switches complete with boxes & cover plate - The point wiring shall be carried with 3*1.5sq.mm FRLSH stranded Cu. Wires in 20mm PVC conduit pipe concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The job shall also included S/F of modular elctronic regulator in SDb for regulating the same. The job shall include cost of circuit wiring with 3*1.5sq.mm FRLSH Cu stranded wires in 20mm OD PVC Pipe from nearest TPN Db to controlling SDb. The job shall be complete & to the entire satisfaction of the Bank. Each Switch board should be provided with suitable capacity fuses/ fuse indicator	Each	4		

6	Point Wiring for exhaust fan points controlled thru modular switches complete with boxes & cover plate - The point wiring shall be carried with 3*1.5sq.mm FRLSH stranded Cu. Wires in 20mm PVC conduit pipe concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The job shall also included S/F of 6A switch socket near wall fan for regulating the same. The job shall include cost of circuit wiring with 3*1.5sq.mm FRLSH Cu stranded wires in 20mm OD PVC Pipe from nearest TPN Db to controlling SDB. The job shall be complete & to the entire satisfaction of the Bank. Each Switch board should be provided with suitable capacity fuses/ fuse indicator	Each	8		
LOM	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
	PVC Conduit- CAP/ BEC/ Sieko/ AKG				
	Modular Switch/ Sockets - ABB/ Legrand/ MK/ Anchor/ Elleys/ Roma				
	Power Point Wiring				
1	Primary Power Point: Raw power points on workstations / table / Printer etc using 3*4 Sq.mm FRLSH Cu. stranded wire laid in 20mm OD PVC pipe medium conduit pipe laid & concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. Each power point shall also consists of 1 nos of 16A , 2/3/5 pin sockets & 1 No., 16A Switch , wired together forming one point. The earth wire of green color only.	Point	35		
2	Secondary Power Point: Raw power points on workstations / table / Printer etc using 3*2.5 Sq.mm FRLSH Cu. stranded wire laid in 20mm OD PVC pipe medium conduit pipe laid & concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. Each power point shall also consists of 1 nos of 16A , 2/3/5 pin sockets & 1 No., 16A Switch , wired together forming one point. The earth wire of green color only. Secondary P to be interlooped with Primary PP. Maximum length 6m.	Point	13		
	Total 13nos. - 8+5				
	LHS 8nos. - 3ckt for CR table, 1 ckt for 2 LHS PP, 1 for screen, 1DRM, 1 RM, 1 pantry				
	RHS 5nos. - 1no. department, 1no. Recovery, 1no. Credit, 1no, IT & 1no, HR				
LOM	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
	PVC Conduit- CAP/ BEC/ Sieko/ AKG				
	Modular Switch/ Sockets - ABB/ Legrand/ MK/ Anchor/ Elleys/ Roma				
	Air - Conditioning				
1	AC Point: Providing AC points with circuit wiring with 3*4sq.mm FRLSH Cu stranded wires to be laid in 20mm PVC medium concealed in wall/ floor/ panelling/ partitions as per requirement. Each point consisting of 1 nos of 20/25A , 3/5 pin sockets & 1 No. Single module 32/25A MCB, 1 Nos 25A Motor starter switch wired together forming one point. The earth wire of green color only. The above includes supply & fixing modular cover plates, base plates, PVC box/ Gang box in brick wall by making necessary chase/ recess and making good damaged surface including proper connections. The job shall be complete & to the entire satisfaction of the Bank.	Each	14		
	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
	PVC Conduit- CAP/ BEC/ Sieko/ AKG				
	Modular Switch/ Sockets - ABB/ Legrand/ MK/ Anchor/ Elleys/ Roma				
3	Wiring with 3*4.0sq.mm FRLSH stranded Cu. wires laid in 20mm OD PVC/ flexible pipe heavy duty laid on floor & concealed in wall/ floor as per requirement <u>to various voltage stabilizers</u> . The job includes making connections at both ends with proper size of lugs to the entire satisfaction of the Bank.	m	50		
	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
	PVC Conduit- CAP/ BEC/ Sieko/ AKG				
	UPS				
	(Assumed 2nos. 7.5KVA UPS - 1P Input & 1P Output				

1	<u>UPS supply regulating Changeover:</u> S/F of 100A 4P changeover in SS enclosure near panel for regulating UPS supply including proper connections. The supply shall be tapped from 63A 4P MCB in panel.	Each	1		
	When branch is closed this change over shall always remain in "ON" position. It will enable supply to UPS even when branch is closed in evening.				
	Changeover Switch- C&S/ Havells/ L&T/ HPL				
2	Incoming supply to UPS room: S/laying of 4 core 6sq.mm XLPE insulated armoured Copper conductor cable from main Panel to 4way TPN Db in the UPS room to be laid in medium duty 20mm PVC conduit/ pipe & run on surface or concealed in wall/ floor/ false ceiling including connections at both ends with lugs.	m	8		
	Cables Armoured/ Unarmoured - Finolex/ Polycab/ Havells/ RR Kabel/ KEI				
3	S/ F of 4way SPN Db metallic c/w 63A 4P MCB including all connections complete in all respects to the entire satisfaction of the Architect/ bank.	Each	1		
	Distribution Boards Double door in steel sheet housing - ABB/ MDS/ Lexic/ Siemens/ HPL				
	MCB- 10kA "C" Characteristics L&T/ Siemens/ Schnider/ Legrand				
4	S/ F of 2way SPN Db metallic c/w 63A 2P MCB including all connections complete in all respects to the entire satisfaction of the Architect/ bank.	Each	2		
	Distribution Boards Double door in steel sheet housing - ABB/ MDS/ Lexic/ Siemens/ HPL				
	MCB- 10kA "C" Characteristics L&T/ Siemens/ Schnider/ Legrand				
5	Supply & laying of incoming & outgoing wiring to & from UPS with 3*6sq.mm Copper unarmoured cable laid in 20/25 mm flexible PVC pipe for medium duty for UPS incoming & from UPS outgoing.	m	10		
	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
	PVC Conduit- CAP/ BEC/ Sieko/ AKG				
6	UPS Output Db in UPS Room - S/ F of 4 way HTPN Db complete with 80A 2P MCB as incomer and 3*32A 2P for RO distribution + 2*16A 2P MCB's for FDAS & CCTV as outgoing feeders including proper connections thru lugs. The job shall be complete & to the entire satisfaction of the Bank.	Each	1		
	Distribution Boards Double door in steel sheet housing - ABB/ MDS/ Lexic/ Siemens/ HPL				
	MCB- 10kA "C" Characteristics L&T/ Siemens/ Schnider/ Legrand				
7	UPS Output Distribution Boards				
a	For LHS CR, DRM & RM - Location on LHS wall rear area CR- S/ F of 12way SPN Db c/w 32A 2P 10kA MCB and 5nos. *16A 1P MCB (3 for CR table, 1DRM & 1RM) for twin CP complete in all respect and as required & to the satisfaction of the bank.	Set	1		
b	For RHS rear Router, HR, IT & Credit - Location on RHS wall in IT - S/ F of 12way SPN Db c/w 32A 2P 10kA MCB and 7no. 6A 1P MCB (2router, 2nos. officers HR, 1 no. officer IT & 2nos. officers credit) for single CP + 3nos. *16A 1P MCB (3 cks for 2 officers each in HR, IT & Credit) for twin CP complete in all respect and as required & to the satisfaction of the bank.	Set	1		
c	For RHS Recovery, department, SM Reception - Location on RHS wall near pillar in department- S/ F of 12way SPN Db c/w 32A 2P 10kA MCB and 6no. 6A 1P MCB (2 recovery officers, 2no. department officers, 1SM & 1 reception) for single CP + 2nos. *16A 1P MCB (2 cks for 2 officers each in recovery & department) for twin CP complete in all respect and as required & to the satisfaction of the bank.	Set	1		
	Distribution Boards Double door in steel sheet housing - ABB/ MDS/ Lexic/ Siemens/ HPL				
	MCB- 10kA "C" Characteristics L&T/ Siemens/ Schnider/ Legrand				

8	Supply & laying of incoming wiring from UPS Db in UPS room to UPS output Db near cash cabin with 3*2.5 sq.mm FRLSH stranded Cu. Wires laid in 20/25 mm flexible PVC pipe medium duty complete in all respects	m	65		
	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
	PVC Conduit- CAP/ BEC/ Sieko/ AKG				
9	Supply & Installation of point wiring for UPS power plug points on workstations / table for computers using 3*1.5 Sq.mm copper conductor multi stranded FRLSH wire pulled through floor raceways/conduit and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 3 nos of 6A , 2/3 pin sockets & 1 No., 16A Switch wired together forming one point. The earth wire of green color only.	Each	33		
	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
	PVC Conduit- CAP/ BEC/ Sieko/ AKG				
	Modular Switch/ Sockets - ABB/ Legrand/ MK/ Anchor/ Elleys/ Roma				
4	DISTRIBUTION MAINS				
1	S/F of 3*200Amp 415V Kit kats rewirable Porcelain fuse carrier with extension strip & base c/w 4 hole heavy duty neutral terminal including making of connection from electronic meter c/w wooden board etc.	Set	1		
	SFU/ Fuses- HPL/ L&T/ Siemens/ GE Power/ Schnider (MG)				
2	<u>Main Incoming Panel</u>				
	SITC of main distribution board panel fabricated of 18swg (powder coated) comprising of	Each	1		
	Indicator lamps 3 nos.				
	Voltmeter & ammeter (one each) c/w rotay switches and CT's for Ammeter				
	Busbar 1nos. - (each of RYB +N) Copper 160A each				
	Incomer - 160A 4P MCCB adjustable 25kA				
	<u>160A 4P Changeover outside Panel - Item 3 below</u>				
	<u>Outgoing</u>				
	<u>UPS</u>				
	To be tapped/ connected from incoming side of the c/o outside panel				
	<u>From Main Bus</u>				
	63A 4P MCB- 5nos. - 4nos. For LHS & RHS TPN Db + 1 spare				
	32A 2P MCB's - 2nos. for signage and 1 spare				
	Earth bus bar 25x5mm GI strip - 2nos. At the bottom.				
LOM	Ammeter, Voltmeter- AE/ L&T/ Meco/ Rishab				
	Selector Switch, Push Button switch/ Emergency switch- Kay Cee/ L&T/ Siemens/ Schnider				
	Indication Lamps- AE/ L&T/ Siemens/ Schnider				
	CT's- L&T/ AE/ Kappa				
	AT's- L&T/ Siemens/ Schnider/ Legrand				
	MCCB- Legrand/ Schnider (MG)/ ABB/ Siemens/ L & T				
	MCB- 10kA "C" Characteristics L&T/ Siemens/ Schnider/ Legrand				
3	<u>Changeover</u> : S/F of 160A 4P changeover in SS enclosure near panel for regulating DG set supply including proper connections.	Each	1		
	Changeover Switch- C&S/ Havells/ L&T/ HPL				

4	S/ laying of XLPE insulated armoured Aluminium Conductor cables including cost of lugs, cable glands etc. The cable should be laid on surface with proper clamps @750mm or laid & concealed in wall/ floor/ PVC Conduit/ false ceiling complete in all respect. The work also includes cutting chases for conduits in the wall/ floor (Without damaging the building) along with clamping the cable. All connection shall be done thru proper size of lugs				
	3.5c 50sq.mm for Pole & fuse Kit Kats	Metre	30		
LOM	Cables Armoured/ Unarmoured - Finolex/ Polycab/ Havells/ RR Kabel/ KEI				
	Cable Lugs- Dowells				
5	S/ laying of XLPE insulated armoured Copper Conductor cables including cost of lugs, cable glands etc. The cable should be laid on surface with proper clamps @750mm or laid & concealed in wall/ floor/ PVC Conduit/ false ceiling complete in all respect. The work also includes cutting chases for conduits in the wall/ floor (Without damaging the building) along with clamping the cable. All connection shall be done thru proper size of lugs				
	4c x 16sq.mm for VTPN Db's	Metre	80		
LOM	Cables Armoured/ Unarmoured - Finolex/ Polycab/ Havells/ RR Kabel/ KEI				
	Cable Lugs- Dowells				
6	Supply, installtion, testing & commissioning of TPN Db complete in all respects for AC, PP & LF as under				
a	8way VTPN Db for Conference room double door - Location rear entrance near LHS wall	Each	1		
	Incomer - 63A 4P MCB				
	4no. 32A 1P MCB - CR				
	5no. 20A 1P MCB - Primary PP+ looped secondary PP - 1 for 2PP LHS wall, 3 for CR table & 1 for screen				
	6no. 16A 1P MCB - 1 LHS PP, 2 PHS PP, 1PP front side, 1 toilet & 1 officers o/s toilet				
	5nos. 10A 1P MCB for L & F				
	Blanking Plates - 4nos.				
	All connection shall be done thru proper size of lugs				
b	6way VTPN Db for Balance LHS area (DRM, RM & utility) - Location Pantry RHS wall	Each	1		
	Incomer - 63A 4P MCB				
	2no. 32A 1P MCB - DRM & RM				
	3no. 20A 1P MCB - Primary PP+ looped secondary PP - 1 RM 1 DRM & 1pantrycreen				
	3no. 16A 1P MCB - 1 toilet RM, 1 toilet DRM & 1D/w				
	5nos. 10A 1P MCB for L & F				
	4nos. 6A 1P MCB for L & F				
	Blanking Plates - 1nos.				
	All connection shall be done thru proper size of lugs				
c	6way VTPN Db for RHS rear area (HR, IT & credit) - Location RHS wall IT	Each	1		
	Incomer - 63A 4P MCB				
	4no. 32A 1P MCB - HR, IT & 2 credit				
	3no. 20A 1P MCB - Primary PP+ looped secondary PP - 1 HR, 1 UT & 1 credit for 2 officers				
	7no. 16A 1P MCB - 2 router+ 2 in HR for 2 officers, 1 officer IT & 2 officers Credit				
	4nos. 10A 1P MCB for L & F				
	Blanking Plates - NIL				
	All connection shall be done thru proper size of lugs				

d	6way VTPN Db for RHS rear area (Reception, SM, department & recovery) - Location RHS wall IT	Each	1		
	Incomer - 63A 4P MCB				
	4no. 32A 1P MCB - Reception, SM, department & recovery				
	2no. 20A 1P MCB - Primary PP+ looped secondary PP - 1 recovery & 1 department for 2 officers				
	6no. 16A 1P MCB - 2 recovery for 2 officers, 2 department for 2 officers, 1SM & 1 Reception				
	5nos. 10A 1P MCB for L & F				
	Blanking Plates - 1no.				
	All connection shall be done thru proper size of lugs				
LOM	Distribution Boards Single/ Double door in steel sheet housing - ABB/ Legrand/ Siemens/ HPL				
	MCB- 10kA "C" Characteristics L&T/ Siemens/ Schnider/ Legrand				
7	Glow sign Board - Circuit wiring with 3* 2.5 sq.mm FRLSH stranded Cu. wires laid in 20 mm PVC pipe heavy duty laid & concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The job shall be complete & to the entire satisfaction of the Bank.	m	12		
	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
	PVC Conduit- CAP/ BEC/ Sieko/ AKG				
8	Timer - Supply of 40 A SP 230 V analog time switch panel(TIMER), in manufacturer sheet steel panel, fully prewired with all components like time switch, MCB, contactor, selector switch, indicating lamp.(1 for sign board)	Nos.	1		
	Timers- L&T/ Legrand/ Schnider/ Siemens/ GE				
5	<u>DG SET SUPPLY</u>				
1	S/laying of 3.5c 50sq.mm XLPE insulated armoured Aluminium Conductor cable c/w 1*6sq.mm stranded copper wire for earthing from proposed DG set to Changeover switch including its connections at both ends with lugs to be laid in 25mm dia rigid PVC /flexible conduit	m	20		
LOM	Cables Armoured/ Unarmoured - Finolex/ Polycab/ Havells/ RR Kabel/ KEI				
	Cable Lugs- Dowells				
6	<u>EARTHING</u>				
1	S/burying of Dual pipe technology (Pipe in Pipe) earthing electrode having GI 80mm O/D pipe with 25 micron coating, 3metres long. The job also includes S/F of GI strip clamp with two holes (with SS/GI bolts & nuts) on the electrode & taking one lead of 4sq.mm Cu Stranded wire upto Main panel complete in all respects with guaranteed E/N voltage of less than 2 volts and resistance less than 1 ohms. The 4sq.mm Cu stranded wire shall be terminated on a separate 6way earthlink. The connections for Panel earthing & earth bus in the panel should be taken from this earthlink. (1for power system &1 for UPS). The distance between two earthing pits to be 10ft or more.	Job	2		
2	Supply & Fixing of 4sq.mm FRLSH Cu. Stranded wire on surface or in recess for loop earthing as required earthing to Db's or main panel as required.	m	30		
	PVC Insulated FRLSH Copper wire (ISI Marked)- Skyline/ Finolex/ Havells/ Polycab				
3	S/F of G I Strip earth clamp	Each	2		
7	SUPPLY & FIXING LIGHT & FAN ITEMS				
1	S/F of Energy efficient recessed mounted LED luminaire - 30/32w LED recessed mounted 2'X2' luminaire suitable for grid ceiling with indirect lighting delivering soft and uniform light - Make as approved by Bank/ architect	Each	41		

	Light fittings - Philips/ Wipro/ Osram/ Havells/ Crompton Greaves				
2	S/F of recessed LED downlighter - 15w LED recessed mounted high performance low-height LED downlighter c/w robust PDC housing complete in all respects- Make as approved by Bank/ architect	Each	71		
	Light fittings - Philips/ Wipro/ Osram/ Havells/ Crompton Greaves				
3	S/F of Surface & wall mounted LED batten - Ultra-slim poly carbonate decorative LED batten with inbuilt heat sink, anti glare polycarbonate diffuser & energy efficient electronic driver 20W 1800 lumens - Make as approved by Bank/ architect	Each	53		
	Light fittings - Philips/ Wipro/ Osram/ Havells/ Crompton Greaves				
4	S/ F of 2*18w LED Highly robust Industrial Box type Luminaire c/w 2nos. 18w LED tubes complete with in built driver, Double sided connection suitable for Surface, Wall and Conduit mounting c/w 2 nos. 20mm metallic conduit pipe for hanging complete in all respects.	Each	2		
	Light fittings - Philips/ Wipro/ Osram/ Havells/ Crompton Greaves				
5	S/F of 6000/6500 K,(≥480lumens) Sleek slim Surface mounted 7w/8w LED downlight complete in all respects - Make as approved by Bank/ architect	Each	6		
	Light fittings - Philips/ Wipro/ Osram/ Havells/ Crompton Greaves				
5	S/F of wall mounted fan 450mm sweep - Sturdy & heavy duty 3 Blades, 120 spokes Nickel Chrome plated guard	Each	31		
	Fans- Crompton/ Havells/ Bajaj/ Usha				
6	S/F of energy saving/ efficient ceiling fan 1200mm sweep double ball bearing type Make as approved by Bank/ architect	Each	4		
	cost of electronic regulator to be quoted in CF point wiring as above.				
	Fans- Crompton/ Havells/ Bajaj/ Usha				
7	Supply & Fixing of fresh air fan 230mm sweep - Make as approved by Bank/ architect	Each	8		
	Fans- Crompton/ Havells/ Bajaj/ Usha				
8	Supply & Fixing of chime bells as approved by Architect	Each	9		
	Anchor/ Havells				
8	<u>Telephone system</u>				
1	S/F modular telephone jack single with shutter outlet (RJ-11) with mounting box & front plate complete with chase cutting, mending good etc. as required including Supply & laying of 2 pair unarmoured 0.61mm dia. PVC insulated twisted pairs bunched together telephone cables through rigid 20mm dia PVC conduit as directed by the Bank/ Architect from telephone junction box to telephone socket outlet including interconnection as required complete in all respects.	Each	10		
	Telephone Wire -Delton/ Skyline/ Finolex/ Rallison/ Batra Henley				
2	10 Pair Tag box	Each	2		
	Telephone Tag Blocks- Krone/ Pouyet/ TVS				
3	MDS Box	Each	1		
	MDS box - Krone/ Pouyet/ TVS				
	Total Cost of Electrical works				

	DATA CABLING				
1	Supplying and laying D-link make CAT-6e Cable in PVC 20mm dia OD medium conduit complete with <u>CAT-6 information outlet with plate & surface Box</u> at work tables marked as DP	Point	33		
	PVC Conduit- CAP/ BEC/ Sieko/ AKG				
	Cable - Digi Link/ Clipser/ National/ Polycab/ Lapp/ Finolex				
	I/O- DigiLink/ Tyco (AMP)/ Schnider/ D- Link				
2	S/ F of 7ft Grey colour Patch chord	Each	33		
	Patch Chord- DigiLink/ Tyco (AMP)/ Schnider/ D- Link				
3	S/ F of 3ft Grey colour Patch chord	Each	33		
	Patch Chord- DigiLink/ Tyco (AMP)/ Schnider/ D- Link				
4	S/F of 24 Port Patch Panel complete in all respects	Each	2		
	Patch Panel- Brocade/ Cisco/ DigiLink/ 3 Com/ Nortel/ Foundary/ D- Link				
5	S/F of 24 Port switch complete in all respects	Each	1		
	Switch- Brocade/ Cisco/ DigiLink/ 3 Com/ Nortel/ Foundary/ D- Link				
6	Supply & Fixing of wall mounted rack 9U with glass perforated front door and removable rear locking door, Mounting Hardware pack, Fan assembly - Cable entry from rear complete in all respects	Each	1		
	Racks- Com Rack/ HCL/ Val Rack/ APW President				
7	Supply & fixing of 1U - PVC cable Manager with cover	Each	1		
	Cable Manager - Krone/ Pouyet/ TVS				
	Total for Data/ LAN Cabling				
	TOTAL FOR ELECTRICAL & DATA CABLING				

Note: All rates are excluding G.S.T.

For GUNJAN & ASSOCIATES

 (Ar. GUNJAN KAPUR)
 PROPRIETOR

Ar. Gunjan Kapur

For M/s Gunjan & Associates