

ELECTRICAL WORK B.O.Q. FOR PROPOSED CANARA BANK,LATUR BRANCH;LATUR

02.02.2024

Type of wiring	Concealed
Casing capping (as per approval)	Modi make/ Precision (ISI grade)
PVC pipe and accessories	Precision / Swastik (ISI make)
wires	Polycab / Finolex / R R kabel make with
Computer DataCable	D-Link / Molex / Awaya make
cable	Polycab / Finolex / R R kabel make (ISI
MCB / MCCB DB	L & T, Legrand / Siemens (ISI)
ELMCB	L & T, Legrand / Siemens (ISI)
Ft. tubes & fixtures	Philips / Wipro / Crompton / Havells /
Ceiling fans	Crompton Greaves / Havells / Usha
screws	Nettlefold
Earthing material	Strictly Bare Copper and with charcoal
Switch fuse unit	L & T make (ISI)
Switches/sockets & accessories	Legrand / Anchor Roma Modular type
switchboards	Concealed modular type
Copper strip type busbar	Havells / Standard make

SR	SUMMARY	AMOUNT
A	TOTAL OF MAIN PANEL / DB's / MCCBs :-	
B	TOTAL OF CABLES & TERMINATIONS	
C	TOTAL OF POINT WIRING	
D	TOTAL OF FIXTURES	
E	TOTAL OF EARTHING SYSTEM	
F	TOTAL OF TELEPHONE SYSTEM	
G	TOTAL OF DATA CABLING SYSTEM	
H	TOTAL FOR MISCELLANEOUS WORKS	
	TOTAL FOR ELECTRICAL WORKS	
	TOTAL FOR ELECTRICAL WORKS	
	DISCOUNT OFFERED - %	
	GRAND TOTAL FOR ELECTRICAL WORK	
		GST extra
		GST extra

Thanking you,
Yours truly,

For,

SR. NO.	ITEM	UNIT	QTY	RATE	AMOUNT
A	MAIN PANEL / DISTRIBUTION BOARDS / MCCBs :-				
1	Meter room Mains MCCB's				
	Supplying , Installing Testing & Commissioning 100A, FP MCCB in Sheet Steel Enclosure , complete with Gland Box etc(To be installed at gate/Main Entrance to disconnect the Power supply of the Branch except UPS Chargeing and ATM)				
	a. 100 A FP MCCB 25 kA	Nos.	1.00		
	b. Sheet steel Enclosure Box for FP MCCB	Nos.	1.00		

SR. NO.	ITEM	UNIT	QTY	RATE	AMOUNT
1.1	Supplying , Installing Testing & Commissioning 40 A, DP MCB in Sheet Steel Enclosure, complete with Gland Box etc(To be installed at gate/Main Entrance to connect / disconnect the Computer DB Power supply of the Branch)	Nos.	1.00		
1.2	Supplying , Installing Testing & Commissioning of 200Amp Kit kat Fuse unit 3 nos with 200 Amp neutral link on wooden board (3' x 3') complete in all respect as required.	Nos.	1.00		
2	MCB DISTRIBUTION BOARDS				
	ELECTRICAL PANEL: Design, manufacture, providing, storing & installing in position, effecting proper connection, testing and commissioning of panel made of 14 SWG, CRCA sheet steel. It shall be dust and vermin proof. It shall have compartmentalized construction with bus bar chambers, cable alley, cable glands plate etc. as required, duly painted from inside as well outside. It shall have the following - Incomer : 1 No. 125 Amp. TPN, MCCB (16 KA breaking capacity), Busbars.: 150 Amp., 3 phase, 4 strips, 415 volts, 50 Hz. copper busbars with colour coded PVC heat shrinkable sleeves. Instruments. Multi function Meter : for Voltage, Ampere, Power factor, KWH, Data 1 No. with CT 75/5 Outgoing. 2 Nos. 63 Amp ,16KA, TPN MCCB (For AC DB and spare feeder) 0 Nos. 63 Amp TPN,MCCB (For PDB, & Branch UPS, Inverter inputnd spare feeder) 4 Nos. 40/63 Amp. TPN, MCB (For LDB, PDB, UPS, Inverter DB and Spare Feeder) 4 Nos 10 /16/32 Amp 10KA DP MCB.(for Glow Sign board and Strong Room Lighting, spare feeder) The design of panel should be got approved by the Architect before manufacturing.The job shall be completed, to the satisfaction of the Bank Engineer/Architect.	Nos.	1.00		
2.1	SITC AC Power DB, DOUBLE DOOR Complete in all respect				
	4 way VTPN - MCCB AC DB,	Nos.	1.00		
	63 A - 1 no. - 16kA TP MCCB as incomer	Nos.	1.00		
	25/32/40 A - 12 no. - SP MCB outgoing	Nos.	12.00		
2.2	SITC DB DOUBLE DOOR Complete in all respect				
	SITC of Lighting & Raw Power DB DOUBLE DOOR Complete in all respect				
a)	4 way TPN DB, as Lighting & RAW POWER DB DOUBLE DOOR	Nos.	1.00		
	40 A - 1 no. - TPN MCB	Nos.	1.00		
	6/10/16 A - 12 no. - SP MCB outgoing	Nos.	12.00		
b)	4 way TPN DB, as ATM DB DOUBLE DOOR	Nos.	1.00		
	63 A - 1 no. - TPN MCB	Nos.	1.00		
	16/20/25/32 A - 8 no. - SP MCB outgoing	Nos.	8.00		
2.3	UPS input / output DB's DOUBLE DOOR Complete in all respect				
a.	SITC 4 way - MCB Box, for UPS Input				
	Sheet steel Enclosure Box for FP MCB	Nos.	1.00		
	63 A - FP MCB :- 1 nos.	Nos.	1.00		

SR. NO.	ITEM	UNIT	QTY	RATE	AMOUNT
	b. SITC 2 way - MCB Box, for UPS Output				
	Sheet steel Enclosure Box for FP MCB	Nos.	1.00		
	63 A - DP MCB :- 1 nos.	Nos.	1.00		
	b.1 SITC 2 way - MCB Box, for Inverter Input / Output				
	Sheet steel Enclosure Box for FP MCB	Nos.	1.00		
	40 A - DP MCB :- 1 nos.	Nos.	1.00		
	b.2 SITC 12 way SPN-INVERTER DB DOUBLE DOOR Complete in all respect				
	12 way SPN-DB, as Inverter O/p DB	Nos.	1.00		
	40/63 A - 1 no. - DP MCB	Nos.	1.00		
	10/16/20 A - 10 nos. - SP MCB outgoing	Nos.	10.00		
	Blank Plates - 2 nos	Nos.	2.00		
	c. SITC 8 way SPN-UPS OUTPUT DB (CCTV/FA/BA/DATA RACK/ATM) DOUBLE DOOR Complete in all respect				
	8 way SPN-DB, as UPS O/p DB	Nos.	1.00		
	40/63 A - 1 no. - DP MCB	Nos.	1.00		
	10/16/20 A - 6 nos. - SP MCB outgoing	Nos.	6.00		
	Blank Plates - 2 nos	Nos.	0.00		
	d. SITC 12 way SPN-UPS OUTPUT DB (UPS POINT FOR COMPUTER) DOUBLE DOOR Complete in all respect				
	12 way SPN-DB, as UPS O/p DB	Nos.	1.00		
	40/63 A - 1 no. - DP MCB	Nos.	1.00		
	10/16/20 A - 10 nos. - SP MCB outgoing	Nos.	10.00		
	Blank Plates - 2 nos	Nos.	0.00		
	2.4 SITC DP / FP MCB with Weather proof Metal Enclosure, for AC Units				
	a. Weather Proof Enclosure Box for DP MCB	Nos.	4.00		
	25A/ 40 A - 1 no. - DP MCB, for AC	Nos.	4.00		
	b. Weather Proof Enclosure Box for FP MCB	Nos.	1.00		
	40 A - 1 no. - FP MCB, for AC	Nos.	1.00		
	2.5 A.C. point- wiring with 2 X 4 sq. mm copper conductor & 1 X 2.5sq. mm copper conductor form AC DB to AC point in 16 swg PVC conduit complete in all respect Indoor / OutDoo (1TR & 1.5 TR AC) with Havells/Legrand /Anchor make MCB Box with sockect complete in all respect	Nos.	4		
	2.6 A.C. point- wiring with 2 X 6 sq. mm copper conductor & 1 X 4 sq. mm copper conductor form AC DB to AC point in 16 swg PVC conduit, 20/25 Amp Metalic Plug & Socket DB complete in all respect Indoor / OutDoor (2TR AC)	Nos.	5		
	Rate in words :-				
	A. TOTAL OF MAIN PANEL / DB's / MCCBs :-				
	B CABLES & TERMINATIONS				
	Supply and Laying of following LT cables confirming to IS 1554 (part 1) with necessary M.S. clamps. All such cables shall be provided with temporary labeling at every 20 mtr. & then finally with metal identification tags showing the size & the location from/to the specific panel/DB; at both the ends.				
	1 Aluminium Armoured Cables				
	a. 3 1/2 C x 50 Sq.mm Aluminium AYFY Armoured Cables,	Rmt	35.00		
	Rate in words :-				

SR. NO.	ITEM	UNIT	QTY	RATE	AMOUNT
b.	3 1/2 C x 70 Sq.mm Aluminium AYFY Armoured Cables, <i>from MSEB Meter Mains to Mains Power DB</i>	Rmt	30.00		
	Rate in words :-				
2	Copper Armoured Cables				
a.	2C x 2.5 Sq.mm Copper YFY Armoured Cables,	R.O.	15.00		
	Rate in words :-				
a.	2C x 4 Sq.mm Copper YFY Armoured Cables, <i>from Mains Power DB to all Split AC's</i>	Rmt	60.00		
	Rate in words :-				
b.	2C x 6 Sq.mm Copper YFY Armoured Cables, <i>from UPS o/p MCB to UPS o/p DB</i>	Rmt	65.00		
	Rate in words :-				
c.	2C x 10 Sq.mm Copper YFY Armoured Cables,	R.O.	25.00		
	Rate in words :-				
d.	2C x 16 Sq.mm Copper YFY Armoured Cables,	R.O.	8.00		
	Rate in words :-				
e.	4C x 6 Sq.mm Copper YFY Armoured Cables, <i>from Mains Power DB to LDB</i>	Rmt	55.00		
	Rate in words :-				
f.	4C x 10 Sq.mm Copper YFY Armoured Cables, <i>from Mains Power DB to UPS Input MCB,</i>	Rmt	45.00		
	Rate in words :-				
g.	4C x 16 Sq.mm Copper YFY Armoured Cables, <i>from Mains Power DB to AC DB,</i>	Rmt	20.00		
	Rate in words :-				
3	Terminations				
	Preparing terminations of all the above mentioned armored cables using Siemens type double compression, chrome plated brass cable glands & crimp type tin copper lugs, Bimetallic lugs are to be provided wherever two different type conductors are present, Insulation tape etc. as required complete with earthing of glands.				
a.	3 1/2 C x 70/50/35 Sq.mm Aluminium AYFY Armoured Cables	No	15.00		
	Rate in words :-				
b.	2 C x 16/10/6/4 Sq.mm Copper YFY Armoured Cables	No	25.00		
	Rate in words :-				
c.	4 C x 16/10/6 Sq.mm Copper YFY Armoured Cables	No	25.00		
	Rate in words :-				
4	Flexible cables				
	Supplying & laying following size of 1.1 KV grade PVC insulated flexible copper cables through the Metalic Flexible Pipe neatly clamped where ever required using Spacer plates, GI saddles, including fixing with PVC / Brass glands and termination of cables using suitable crimp type tin copper lugs at both ends.				
a.	4 C x 10 sq.mm. Cu flexible cables, <i>for UPS Input MCB to UPS terminal</i>	Rmt	35.00		
	Rate in words :-				
b.	2 C x 10 sq.mm. Cu flexible cables, <i>for UPS Output MCB to UPS terminal</i>	Rmt	25.00		
	Rate in words :-				
c.	3 C x 2.5 sq.mm. Cu flexible cables, <i>for Signage</i>	Rmt	35.00		
	Rate in words :-				
B. TOTAL OF CABLES & TERMINATIONS					
C	POINT WIRING				
1	POWER POINTS				

SR. NO.	ITEM	UNIT	QTY	RATE	AMOUNT
	SITC of following concealed Power Point Wiring using 1100V grade 3C x 2.5 sq.mm. PVC insulated, PVC Sheathed White Colored flexible copper cable, laid through 20mm / 25mm size MMS Grade, PVC conduits. All cabling / conduiting below false ceiling shall be concealed. Each circuit feeding not more than 3 Tables / Work STations). The rate shall include cabling including conduit cost from DB to mentioned Power Points. (No seperate measurements for circuit wiring & PVC Conduits)				
	a. Primary UPS points	No	10.00		
	Rate in words :-				
	Supplying & Installing Primary UPS or Stabilized Power points on workstations / tables for computers using 3C x 2.5 Sq.mm PVC sheathed white color flexible copper cable pulled through 25mm size MMS Grade PVC conduites , laid on surface above false ceiling and taken upto table top using 25/20 mm size MMS Grade PVC rigid or flexible conduits run within wooden or metal partitions.				
	Each point consisting of 3 Nos of 10 A 5 Pin Modular sockets controlled by 1 No 20A Modular switch , wired together forming one point. Earth wire to be of Green colour only. Switch should be above table top & sockets should be below table top				
	Only 3 tables served by one circuit from UPS DB. The Rate should be including the cost of Conduits, Cables, Switch boards, internal looping wires, necessary Gang Box, PVC box, Modular Plates of other color, Modular Switches, Sockets, Compete Job with necessary screws, nylon plug, Saddles, hardware. Etc. All Switch Boards should be Properly numbered for identifications.				
	b. Secondary UPS points	No	5.00		
	Rate in words :-				
	Supplying & Installing Secondary UPS or Stabilized Power points on workstations / table for computers using 3C x 2.5 Sq.mm PVC sheathed white color flexible copper cable pulled through 25mm size MMS Grade PVC conduites, laid on surface above false ceiling and taken upto table top using 25/20 mm size MMS Grade PVC rigid or flexible conduits run within wooden or metal partitions.				
	Each point consisting of 3 Nos of 10 A 5 Pin Modular sockets controlled by 1 No 20A Modular switch , wired together forming one point. Switch should be above table top & sockets should be below table top				
	for 2 table served by the same circuit from adjacent Primary point. The Rate should be including cost of Cable, Switch board internal looping wires, necessary Gang Box, PVC box, Modular Plate of other color , Modular Switches, Sockets, Compete Job with necessary screws, nylon plug, Saddles, hardware. Etc. All Switch Boards should be Properly numbered for identifications.				
	c. Primary 10/20 A power points, for Pantry / Hot Plate / Water cooler etc	No	8.00		
	Rate in words :-				
	Supplying & Installing Primary 10/20 A Power Socket points using 2 X 4.0 Sq.mm. + 1 X 1.0 Sq.mm. PVC insulated multistanded FRLS Grade flexible copper wires (with proper color code) pulled through haevy gauge PVC conduits.				
	Each point consisting of 1 Nos of 10/20 A Modular sockets controlled by 1 Nos of 20A Modular switch , wired together forming a point. Earth wire to be of Green colour only.				
	Only 2 Sockets served by one circuit taken from LDB / AC DB				
	d. Secondary 5/15 A power points, for Pantry / Hot Plate / Water cooler	No	5.00		

SR. NO.	ITEM	UNIT	QTY	RATE	AMOUNT
	Rate in words :-				
	Supplying & Installing Secondary 10/20 A Power Socket points using 2 X 2.5 Sq.mm + 1 X 1.0 Sq.mm PVC insulated multistanded FRLS Grade flexible copper wires (with proper color code) pulled through haevy gauge PVC conduits.				
	Each point consisting of 1 Nos of 10/20 A Modular sockets controlled by 1 Nos of 20A Modular switch , wired together forming a point. Switch should be above table top & sockets should be below table top				
	The circuit should be taken from another Primary 15 A Power Socket Point only, whose circuit taken from LDB / AC DB				
2	LIGHT POINT WIRING				
	SITC of following concealed point wiring using 1100V grade 3C x 1.5 sq.mm. copper conductor PVC insulated FR wires (with proper R,Y,B colour code) pulled through 25mm / 20mm Size, MMS Grade PVC conduits. All wiring below false ceiling shall be concealed. The wires from ceiling junction to light points shall be drawn in flexible PVC conduit with adaptor & cover for junction box & crimp type lugs at both ends. Each circuit feeding not more than average 12 points (800 watts). The rate shall include circuit wiring (2C x 2.5 sq.mm. + 1C x 1.0 sq.mm.) from Lighting DB to switchboard and to the fixtures. <i>(No seperate measurements for circuit wiring & PVC Conduits)</i>				
a.	Primary Light points	No	50.00		
	35				
	SITC 5A Primary light points including MS concealed box, grid plate, 6A switch & circuit wiring.				
b.	Secondary Light points	No	10.00		
	Rate in words :-				
	SITC 5A Secondary light points looped from primary light point. All MCB controlled light points will be considered as secondary light points.				
c.	Primary 5 A socket points	No	9.00		
	Rate in words :-				
	SITC Primary 5 A Socket points using circuit wiring (with proper color code) pulled through medium gauge PVC conduits.				
	Each point consisting of 1 Nos of 5 A sockets controlled by 1 Nos of 6A switch , wired together forming a point with Green colour Earth wire.				
	a) for Wall Fans				
	b) for any other similar equipments				
d.	Secondary / Separate 5 A socket points (other than on Board plug points)	No	12.00		
	Rate in words :-				
	SITC Separate Secondary 5 A Socket points using circuit wiring (with proper color code) pulled through medium gauge PVC conduits. These points should be looped from the nearest Lighting Switch Board or from Primary 5A Socket Points.				
	Each point consisting of 1 Nos of 5 A sockets controlled by 1 Nos of 6A switch , wired together forming a point with Green colour Earth wire.				
	a) for Wall Fans09 nos				
	b) for any other similar equipments03 nos				
e.	Secondary 5 A socket points (on Board plug points)	No	5.00		
	Rate in words :-				

SR. NO.	ITEM	UNIT	QTY	RATE	AMOUNT
	SITC Secondary 5 A Socket points using circuit wiring (with proper color code) pulled through haevy gauge PVC conduits. These points are installed on the Lighting Switch Board.				
	Each point consisting of 1 Nos of 5 A sockets controlled by 1 Nos of 6A switch , wired together forming a point. Earth wire to be of Green colour only.				
	f. Exhaust fan points	No	3.00		
	Rate in words :-				
	SITC Exhaust fan point consisting of 5A socket near fan and switch on light switch board				
	Each Exhaust Fan operated on seperate switch, Rate should be including the cost of 5 A 3 pin Plug top, Connecting cord & Mounting Plates				
	g. Ceiling fan points	No	6.00		
	Rate in words :-				
	SITC Ceiling Fan point operated on seperate switch shall be Controlled by 2 Module, Step type Fan regulator, Rate should be including the cost of Fan hook, Suspending suitable fan rod, Connecting cord and Step type Fan Regulator				
	h. Bell points	No	2.00		
	Rate in words :-				
	SITC Bell point consisting of 5A Modular Bell switch & Suitable Bell, (<i>Bell switch to be installed in both Manager Cabin and in Strong room. The Sound of both the bells should be different</i>)				
	C. TOTAL OF POINT WIRING				
	D FIXTURES				
	SITC of following concealed / surface mounted fixtures of makes as specified with all fixture accessories like suitable tubes/ bulbs/ ballast & internal wiring etc. The contractor has to assemble & install the said fixtures at position with necessary hardware required for installation like S-hook, chain link etc. as per requirement.				
	1 LED tube lights	No	15.00		
	Rate in words :-				
	SITC 1200/600 mm Long Surface/Wall Mounted extruded Aluminium channels, with 22 w / 11 w LED Tube light fixtures complete				
	Model : BN021 LED25S 6500 PSU GR S1,				
	Make : Crompton Model : Linea LDLL20-CDL, LDLL20-WW				
	Make : Wipro, Model : Garnet D532065, D552065				
	Make : Havells Model : E-Lite LED Pride Pus LHEXBLP7PN1W020				
	2 9 / 12 w Down lighter with LED	No	5.00		
	Rate in words :-				
	SITC 12 w White Powder Coated Housing LED Round / Square Down Lighter with High Efficiency LEDs & Ballasts				
	Make : Philips, Model : DN191B LED6S-6500 PSU WH S1, DN097B LED10S-6500 PSU WH				
	Make : Crompton, Model : Star Dura LSDRS-12W-CDL/ NW/ WW,				
	Make : Wipro, Model : Garnet Wave D541265, Infinity Wave DG11065				
	Make : Havells, Model : Octane Plus LHEBAP7IZ1W009, LHEBAP7IZ1W012				
	3 18 w Down lighter with LED	No	15.00		
	Rate in words :-				
	SITC 18 w White Powder Coated Housing LED Round / Square Down Lighter with High Efficiency LEDs & Ballasts				
	Make : Philips, Model : DN193B LED12S-6500 PSU WH S1				

SR. NO.	ITEM	UNIT	QTY	RATE	AMOUNT
	Make : Crompton, Model : Star Dura LSDRS-18W-CDL/ NW/ WW,				
	Make : Wipro, Model : Garnet Wave D541565, Infinity Wave DG11565, DG12065				
	Make : Havells, Model : Fazer Neo LHEBMCP7IW1W015, LHEBMCP7IW1W020				
4	600 x 600 mm square LED panel fittings	No	20.00		
	Rate in words :-				
	SITC 36 / 40 w LED Panel of 600mm X 600mm size, Square, Powder coated Recess mounting LED Light Fitting				
	Make: Philips, Model: RC380B G2 LED28S / RC140B G2 LED31S-6500 PSE OD WH				
	Make: Crompton, Model : LCTLR-36-CDL 36 w, LCPL-36-TL(2X2)				
	Make: Wipro, Model : Gartnet D424065, D414065 CRCO10R038HP57				
	Make : Havells, Model : Venus Neo PLR36WLED865PO, Plano PLR42WLED865S				
5	Fans				
	Supplying & Installing following mentioned Aluminum, medium duty, powder coated with glossy color Ceiling Fans / Wall Fans / Exhaust Fans with necessary clamps hook, bracket, hardware etc				
a.	SITC 1200 mm sweep Ceiling fans Complete with Mounting rod, Clamps, Locking pin etc. (Color -White / Ivory)	No	6.00		
	Rate in words :-				
b.	SITC 400 mm sweep Wall fans (Color -White / Ivory)	No	10.00		
	Rate in words :-				
c.	SITC 250mm sweep Exhaust fan of decorative Metal body & blade with louvers on the outside (Color-white / ivory / brown / black)	No	3.00		
	Rate in words :-				
D. TOTAL OF FIXTURES					
E	EARTHING SYSTEM				
1	Plate Earthing				
	S & I of Earthing Pit / Earth Electrode Station into the true ground level by using GI / Copper Plate type earthing with necessary excavation in soft soil, including Pouring Charcoal & Salt (Approximately) 50kg each per Pit with Predrilled 50mm dia B class GI Pipe-2.5 Mtr In length, GI Funnel with wiremesh, 35 x 5mm GI/Cu Earthing Strip, Complete job with necessary construction of appropriate sized Earthing PIT masonry Chamber with providing CI hinged chamber cover, Nutbolts, Earthing Testing Link, Hardware, Numbering of Chamber by using water proof paint. For more details refer IS 3043-1987 Brazing for Cu & Welding for GI Plate to pipe & Strip shall be done with coating by anti-corrosive paint				
a.	GI Plate earthing.	No	2.00		
	Rate in words :-				
	GI earthing pit made up of 600 x 600 x 6 mm thick, Hot dipped galvanized electrode including 25 x 5 mm the. GI strip.				
b.	CU Plate earthing.	No	2.00		
	Rate in words :-				
	Copper earthing pit made up of 600 x 600 x 3 mm thick, copper electrode including 25 x 5 mm Copper strip.				
2	Earthing Wires				
	SITC of insulated copper earthing wire laid through 20 mm PVC conduits from separately made earth pit to the equipment in following sizes				
a.	12 SWG cu bare wire for AC's & DBs	Rmt	65.00		
	Rate in words :-				

SR. NO.	ITEM	UNIT	QTY	RATE	AMOUNT
	Supplying and laying D-Link / Molex / Awaya / Amps make, Cat 6 cable for Data, laid through 20/25 mm size, MMS Grade PVC conduites and providing & terminating with RJ-45 Information Outlet Ports with face plates in suitable modular PVC / MS box from Server Rack/ Patch Panel/ Data Switch to individual work stations & terminating other end with RJ-45 connector including numbering with ferule <i>(No separte measurements for PVC Conduits)</i>				
2	Supplying & laying Cat-6, RJ-45, 1 m. length Data Patch Cords,	No	14.00		
	Make : D-Link / Molex / Awaya				
	Rate in words : -				
3	Supplying & laying Cat-6, RJ-45, 2 met length Data Patch Cords,	No	14.00		
	Make : D-Link / Molex / Awaya				
	Rate in words : -				
4	Patch panel				
a.	Supplying and Installing D-Link make, preloaded, Cat-6, RJ-45, 16 Port Patch Panel, complete with terminations & numbering with ferule	No	1.00		
	Rate in words : -				
b.	Supplying and Installing D-Link make, preloaded, Cat-6, RJ-45, 24 Port Patch Panel, complete with terminations & numbering with ferule	No	1.00		
	Rate in words : -				
5	Supplying & Installing D-Link / HCL / iBall make 12 -U Networking Wall mounting rack, complete with following mentioned accessories	No	1.00		
	* 2U Horizontal Cable Manager				
	* Power Distribution Unit / Power Strip of 6 Sockets				
	* Cooling Fans				
	* Cantilever Trays / Shelves				
	* Hardware Packet				
	Rate in words : -				
G. TOTAL OF DATA CABLING SYSTEM					
H	MISCELLANEOUS WORKS				
1	Providing light point wiring, data point with computer wiring, Telephone points with telephone wiring and temperary lighting arrangement during works/ renovation/ is in connection of new/old wiring complete for proper execution of work.	1.00	job		
H. TOTAL FOR MISCELLANEOUS					