



SCHEDULE OF QUANTITY

PROPOSED ELECTRICAL AC AND DATA WORKS AT SBI, MAIN BRANCH, UDGIR

Sr. no	PARTICULARS	UNIT	QTY	RATES	AMOUNT
A.	POWER POINTS & WIRING				
i	<p>LIGHT & FAN POINTS:- P & F light points, fan points, call bell points, sockets etc. with 2 X1.5 sq. mm. PVC insulated 1100 V grade FRLS, copper conductor wires and 1.0 sq. mm copper earth wire in concealed /surface using PVC Conduits with medium grade 20 mm / 25 mm /32 mm dia PVC conduits accessories such as bends, tees saddles, draw boxes, mounting boxes, inner plates, cover plates, Ceiling rose etc. (where ever required) and plug etc. The circuit wiring starting from DB to point control box / switch box using 2 X2.5 sq. mm and 1.5 sq. mm earthing PVC insulated wiring color code to be provided. Identification ferrules at both end to be provided. (Flexible conduit / elbow NOT allowed). The conduits to be laid in ceiling with proper clamps / wall / floor and felling the chase with cement mortar and finish the same in original form /wooden partition / above false ceiling with proper clamps(Wherever required as per standard specifications.</p> <p>NOTE: All wires & cables shall be FRLS only. All material shall be approved make of S.B.I. mentioned in the tender. Color coding must be maintained. No flexible conduit & elbows will be allowed. Each circuit shall have independent earth wire. Each point shall be earthed. Circuit wiring is to be included in point wiring rates. Each Switch Board should have indicator. Maximum 8 points in a Switch Board (Including Socket Indicator)</p>				



a	One light points control by one 6Amp. Modular one way switch.	Nos.	75		
b	A set of two light points control by one 6Amp. modular one way switch	Nos.	15		
c	A set of three light points control by one 6Amp. modular one way switch	Nos.	35		
d	One ceiling fan point with ceiling rose and five steps electronic regulator controlled by one 6 Amp. Modular one way switch.	Nos.	40		
e	Wall fan point controlled by one 6 Amp. Modular switch & switch board at SB level and 6 Amp. 3 pin socket at designed place.	Nos.	4		
f	One 6 Amp. 5-pin socket controlled by one 6 Amp. Modular one way switch: at switch board level with indicator	Nos.	15		
g	Strong Room Point with metal box 3 Pin Socket (2-Pole 10 Amp MCB) and 3X4 Sq.mm wire with flexible conduit.	Nos.	2		
h	Light point on UPS with separate phase, Neutral, earth.(One way control)	Nos.	5		
i	6A socket outlet with 6A SP switch (as an independent point) [for ex. Fan, wall fan , QMS, Token M/C Display, etc. points.]	Nos.	11		
j	6A socket outlet with 6A SP switch (as an independent point) [for the computer works station as a raw power.)	Nos.	50		
ii	POWER POINTS				
a	Same as serial no. 1 but wiring for 16 Amp-6-pin sockets by using 4sq.mm PVC insulated 1100v grade copper conductor wire with independent 2.5 sq.mm earth wire from DB to first and fixing of 16amp. 6-pin socket with 16amp. Switch. .	Nos.	15		
b	Power point with 4sq.mm copper conductor wires. (Loop Point)	Nos.	2		
iii	AC POINTS				
a	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 AC point including supplying and fixing of metal AC box with 3 pin metal clad top and 25 amp SPMCB "C" series. (Wiring must be from DB to stabilizer to MCB near indoor unit to indoor unit) Make - C&S, Legrand.	Nos.	4		



	SUB TOTAL 'A'				
B	MEDIUM VOLTAGE SWITCHGEARS & DISTRIBUTION BOARDS				
i	Supply, Installation, Testing, Commissioning of 250A TPN SFU with 200A HRC fuse (L&T/EE make), 440 V, 3phase & neutral, 50c/s AC23 duty on MS angle iron frame fabricated out of 40mmx40mmx5mm MS angle duly painted with cable end boxes, earthing, name plate danger board fixing accessories. The above complete with all accessories	No	1		
ii	<p>Main Distribution Panel Supply, Installation & Commissioning of following Main Distribution Panel as per specification enclosed. Note: To be procured from CPRI approved Manufactures only. The contractor has to submit a copy of CPRI approval of the manufactures. All feeders shall have separate opening / closing door. Panel Should have Earth Bus Bar .All MCCB shall be 'C' Series.</p> <p>-System: 415V AC, 3PH, 50Hz, Fault Level 50KA for 1-sec. -Construction: Free Standing Floor/ Wall Mounting, Non-draw out & Compartmentalized. -Fabrication:</p> <ul style="list-style-type: none"> • Base: 5 X 75mm Fabricated Channel • Frame: 14 SWG Thick CRCA Sheet Steel. • Covers/ Doors: 16 swg thick CRCA Sheet Steel. • Degree of Protection: IP-42. • Painting: Two coats of Primer & finish with Epoxy paint. • Based Paint Shade: External/ Internal: Siemens Gray 7032, Semi Glossy. • Base Channel: Black. <p>-Cable Entry: Bottom/ Top 3mm Thick CRCA Sheet Steel Detachable Gland plate. - Busbars: Electrolytic grade Cu Busbars supported on SMC supports.</p>	No.	1		



	<p>The Busbar system is suitable for 415V, 3PH, 50Hz with fault withstanding capacity of with fault withstanding capacity of 50KA for 1s. Heat shrinkable PVC sleeves & color code for phase identification provided.</p> <p>-Earth Busbar: 1 X 25 X 6mm Cu. Minimum Bus bar Clearances: Phase to Phase: 25.4mm Phase to Neutral: 25.4mm Phase to Ground: 25.4mm Neutral to Ground: 19.4mm Live Part to Ground: 19.4mm</p> <p>-Wiring: The wiring will be carried out with 650/1100V grade PVC insulated stranded copper conductor.</p> <ul style="list-style-type: none"> • Control Circuit: 1.5Smm • C.T. Circuit: 2.5Smm • Switch Fuse Unit/ MCB/MCCB: 32A = 6Smm, 63A = 16Smm, 125A = 35Smm, 250A = 40 X 5 Cu <p>Incomer:</p> <p>i) 1 no. of 250A 3P 50kA MCCB with Rotary Handle Hager/Legrand make. ii) R-Y-B Phase LED type Signal Lamps Teknic, with 0.5A protection MCBs. iii) 100 X 100mm Danger Notice Board in English & Marathi. iv) Digital Voltmeter & Ammeter of HPL, L&T, Mecor or equivalent with CT's of Class 1.0, 15 VA, & required ratio.</p> <p>Outgoing:</p> <p>i) 2 nos. of 100A 3P 36kA MCCB with Rotary Handle Hager/Legrand make & R-Y-B Phase LED type Indicating Lamps. ii) 6 nos. of 63A TPN MCBs of 10KA breaking capacity for ACs, ATM, Water Pumps, & Spare. (All MCB'S must be 'C' series, 10 KA)</p>				
iii	<p>APFC PANEL – With solid state automatic power factor correction arrangement having microprocessor based control circuit and contactor switching power circuit having a required capacity of 40 KVAR having capacitor bank in steps of [(1 x 15 KVAR) + (1 x 10 KVAR) + (2 x 5 KVAR) + (1 x 3 KVAR) + (1 x 2 KVAR)], including main MCCB,</p>	No.	1		



<p>MCB's, APFC relay, contactors, capacitors, indicating lamps, etc. complete with all necessary hardware & accessories as mentioned below :-</p> <p><u>a. INCOMER</u> 1 No. 100A, TP, MCCB. The Breaker shall be suitable for 415 Volts, 50 Hz. AC supply. (For APFC Panel Main Incomer - 1 no.) (Legrand / Schneider / Hager / Siemens / L&T make)</p> <p><u>b-BUSBARS</u> 1 Set of 120 Amps uniformly rated, continuous duty, 415V AC, 3-Phase & Neutral electrolytic grade 99.95% Purity Tinned Copper bus-bars with colour coded heat sink sleeves supported on SMC type grip supports. The Horizontal / Vertical sections of the busbars should all be uniformly rated for 120 Amps. 1 Set of 25 x 5 mm copper busbars of high conductivity electrolytic quality shall be provided throught out the panel for its earthing.</p> <p><u>c-INSTRUMENTS</u> -1 no. 0-500V Digital Voltmeter of suitable size & -1 no. suitable size Digital Ammeter -1 Set of phase indicating lamps, LED type, RYB. -1 Set of 2A 10kA C curve SP control MCB -1 no. 6 stage microprocessor based digital type -APFC relay 1 set overvoltage, undervoltage, phase protection relay. -6 set On, Off push button, auto manual selector switch. -6 set On, Off LED type indication lamp</p> <p><u>d. OUTGOING</u> 2 Nos. 40A, TP, D curve, MCB 2 Nos. 25A, TP, D curve, MCB 2 Nos. 20A, TP, D curve, MCB</p> <p>1 No. 2 kVAR MPP heavy duty capacitor with capacitor duty contactor 1 No. 3 kVAR MPP heavy duty capacitor with capacitor duty contactor 2 No. 5 kVAR MPP heavy duty capacitor with capacitor duty contactor</p>				
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	<p>1 No. 10 kVAR MPP heavy duty capacitor with capacitor duty contactor</p> <p>1 Nos. 15 kVAR MPP heavy duty capacitor with capacitor duty contactor</p> <p>The panel shall be provided with required nos of louvers in the capacitor chamber for its cooling. Also required nos of ventilation fans with auto Sensing thermostate shall be provided in the panel to improve capacitor life & ventilation fans.</p>				
iv	<p>Distribution Boards:</p> <p>Supply, Installation, Testing & Commissioning of Distribution Boards complete with MCBs/ Isolators/ Bus bars and interconnections. Preferably standard DB's of specified makes as per list of materials shall be used (DOUBLE DOOR IP42). All MCB'S must be 'C' series, 10 KA</p>				
a	<p>ETPN 4 WAY DB: (For A.C.)</p> <p>In Comer: 100 Amp. 4 P, Heavy Duty MCB</p> <p>Out Going: 20/32 Amp MCB - 12 Nos</p>	Nos	2		
b	<p>ETPN 4 WAY DB: (For Lighting 1st floor) having</p> <p>In Comer: 63 Amp. 4 P MCB</p> <p>Out Going: 16 Amp. SP MCB - 12 Nos</p>	Nos	3		
c	<p>VTPN DB 6 WAY: (essential DB)</p> <p>In Comer: 100A TPN MCCB-- 1 No. of breaking capacity 35KA</p> <p>Out Going: 40/32 SP Amp MCB - 6 Nos</p> <p>Out Going: 63 TP Amp MCB - 4 Nos</p>	Nos	1		
d	<p>SPN DB: (For UPS Output/Lighting)</p> <p>In Comer: 63 Amp. 4 P MCB</p> <p>Out Going: 16 Amp. SP MCB -8 Nos</p>	Nos	7		
e	<p>SPN DB: (For UPS Output Syst. Room)</p> <p>In Comer: 63 Amp. DP MCB</p> <p>Out Going: 40 Amp.SP MCB -6 Nos</p>	Nos	1		
f	<p>INPUT of Branch UPS Complete with encloser</p> <p>63 Amp TP MCB</p>	No.	1		
g	<p>OUTPUT of Branch UPS Complete with encloser</p> <p>40 Amp DP MCB</p>	No.	1		
	SUB TOTAL 'B'				
C	LIGHT AND FAN FIXTURES:				
	Supply, installation, testing and commissioning (including supply and fixing flexible wires from				



	<p>holder to fixtures hard wares etc.) of the LED Fixtures.</p> <ul style="list-style-type: none"> - The LED lamps should be of same make as fixture make. - The marking & cutting of fixtures should be in electrical contractor's scope. -The fixtures should be approved by bank's Electrical Engineer / architect from the given make list before installations. -LM 79 & LM 80 test reports to be submitted. - - nichia / LU mileds / cree - LED should be used by manufacture. -Lighting Luminaire of LED for Office single piece die cost aluminium M24 housing complete with driver unit, mirror optic and other accessories Lamps of about 100 lumen/W injection moulded PC diffusers with high brightness complete unit complying with international standard (LU49, LH801) - operative on 190V - 270 V 50 Hz with Mini 3 years warranty complete with mounting system and lamp dully wired and tested Details as under 				
i	<p>LED 1 x 31 W (3100 lumens) (2' X 2') RECESS MOUNTED LUMINAIRE with 2KV surge protection, making earthing connection complete to be recessed in false ceiling with all necessary hardwares, hanging - die cast frame arrangement, chains or hook arrangement with ceiling, connected to supply wire with PVC connector. Earthing connection with lugging need to given to body of Fixture, etc. complete. (CROMPTON make cat no. AURA 1 LCPL-36-CDL or Equivalent in GE/ Philips /Havells / Wipro make).</p>	Nos	250		
ii	<p>1 x 20 W LED (1900 lumens) slim tube light Batten Fixture (4'-0") with LED tube complete with necessary hardwares, per watt lumens output must be above 120/watt and 90%lumems maintenance for 90% of life with input voltage 90-270 V AC 50hz operational without affecting the life, input mov.gtd protection in driver for above 270 V protection etc. LED Batten Comprises of Thermally conductive material. Pre-wired with high efficiency electronic driver. High translucent</p>	Nos	20		



	frosted diffuser gets glare free, smooth light distribution. (Crompton make LCTL-18-CDL OR Equivalent PHILIPS / GE / Wipro make).				
iii	Supply & Installation of 15W LED Down Light with Acrylic Diffuser, 6000K, complete with in built Driver & all required accessories.	Nos	100		
iv	Wall fan 400 mm-Crompton flight flow / Havel's / Usha of capacitor start, three speed wall mounting / cabin fan of following sweep with the help of anchor bolts including making connection testing etc. as required. Each wall fan should be connected through independent switch and socket of 6 Amp	Nos.	3		
v	CEILING FAN: Single phase heavy duty grease filled double ball bearing, aerodynamically designed heavy gauge aluminum blades, copper wounded and impregnated silicon stamping motors etc.				
a	1200 mm sweep, brilliant white/brown CG/USHA/ ORIENT/HAVELLS	Nos.	25		
b	900 mm sweep, brilliant white/brown CG/USHA/ ORIENT/HAVELLS	Nos.	15		
vi	EXHAUST FAN:- Single phase, 300mm sweep, 900 rpm, metallic exhaust fan of the following single phase Exhaust fan continuously rated, capacitor start and run type, totally enclosed and ruggedly built, pre lubricated double ball bearing, copper wounded, A & E class insulation, dynamically balanced, below 40 db sound level etc., front cover with grill/gravity louver for protection purpose with 12 mm plywood complete in all respect make as under: CG/ USHA / ORIENT/HAVELLS/ALMONARD/ALSTOM.	Nos.	6		
	SUB TOTAL 'C'				
D	CABLES & TERMINATIONS				
	Supply and laying of Aluminium/Copper Armoured (XLPE) 1.1KV grade fixed to walls, ceilings or laid in ready-made trench or tied to cables trays with cable ties as follows:				
I	3.5 Core 70 sq. mm. Aluminum Armoured cable with twin 8 SWG GI earth.	Mtrs	35		



ii	4 Core 10 sq. mm. Armoured Copper cable with twin 12 SWG GI earth.	Mtrs	120		
iii	3 Core 6 sq. mm Armoured Copper cable.	Mtrs	85		
iv	3 Core 2.5 sq. mm Armoured Copper cable	Mtrs	300		
v	3.5 C x 35.0 sq. mm Aluminum Armoured cable with twin 8 SWG GI earth. (Main Panel to DG SET)	Mtrs	35		
vi	Supply & end termination of the above cables with Heavy duty double compression Brass cable glands & copper heavy duty lugs with bi metallic rings. (4c/3.5c/3c) of following cables (Incoming & Outgoing termination of the cable considered one set).				
a	3.5 Core 70 sq. mm. Aluminum Armoured cable	Nos.	2		
b	4 Core 10 sq. mm. Armoured Copper cable	Nos.	6		
c	3 Core 6 sq. mm Armoured Copper cable.	Nos.	6		
d	3 Core 2.5 sq. mm Armoured Copper cable	Nos.	4		
e	3.5 C x 35.0 sq. mm Aluminum Armoured cable	Nos.	2		
	SUB TOTAL 'D'				
E	COMPUTER POINTS & CIRCUITS :				
	Supplying, Installation, Testing & Commissioning of following computer socket point for tables using HMS heavy guage PVC conduit within Walls / Partition / Work Station on, Skirting etc. The rate shall be inclusive of MS concealed box, switch, socket, surface plate PVC pipe from junction to point. (Make - /MK Wraparound Plus/ MDS). Rate quoted must also include the cost of circuit wiring from DB to first Switchboard with 3 x 4sqmm flexible Copper Cable (FRLS) in 2mm thick PVC conduit & switchboard to switchboard with 3 x 2.5sqmm flexible Copper Cable (FRLS) in HMS heavy guage PVC conduit .(maximum Four points in single circuit)				
i	3 Nos. of 6Amps socket below work station on 8 module plate & 1 No. of 16 Amps SP switch with indicator above work station.	Nos.	55		
	SUB TOTAL 'E'				
F	EARTHING				
i	COPPER EARTHING: Supplying/Installation/Testing & Commissioning of Earthing station with 600 X 600 X 6mm thick	Nos	1		



	CU plate as per IS rule. Rate shall be inclusive of supply installation of GI plate, 25mm dia GI pipe with funnel for water and 450mm Cast Iron cover with its frame. Necessary digging of earth pit, excavation, back filling of earth, electrode, charcoal, salt layer & brick masonry work in proper manner. (The electrode should be buried not less than 4.5 Meters deep and resistance should be not less than 0.5 ohms.)				
ii	G.I EARTHING: Supplying/Installation/Testing & Commissioning of Earthing station with 600 X 600 X 6mm thick GI plate as per IS rule. Rate shall be inclusive of supply installation of GI plate, 25mm dia GI pipe with funnel for water and 450mm Cast Iron cover with its frame. Necessary digging of earth pit, excavation, back filling of earth, electrode, charcoal, salt layer & brick masonry work in proper manner. (The electrode should be buried not less than 4.5 Meters deep and resistance should be not less than 0.5 ohms.)	Nos	2		
iii	Supply and laying of PVC insulated Single core 10 sqmm in 20mm dia rigid PVC conduit for ups DB earthing from Dedicated Earth Pit to Network Room in Suitable PVC Medium gauge conduit. (For Network Earth)	Mtrs	40		
iv	Supply and laying of 25mm x 3mm GI earthing strip (To be tapped from Earth Pit to existing Main panel)	Mtrs.	45		
v	Supply, Installation, Testing, Commissioning of 25mmx3mm x300 mm Long Copper Earth Bus (In Network Room) powder coated MS fabricated box to be mounted on insulator.	Nos	1		
SUB TOTAL 'F'					
G	Floor Raceways/ Conduits & Floor Junction Boxes				
	Supply & laying of following Raceways/ conduits in required size trenches with proper ties/ clamps at appropriate intervals. The rate shall be inclusive of carefully removing the floor tiles by machine cutting & removing the malwa below the tiles for laying raceways/ conduits for power, telephone, computer Cat-5/6 wires etc. The depth of trenches shall be minimum 2" or				



	up to the RCC of slab from the finished floor level. The rate shall be inclusive of back filling the trenches with mix of 1:2 PCC after laying the raceways/ conduits for smooth finish up to the Floor level.				
i	80mm X 40mm X 2mm thick rectangular aluminum Black anodized pipe section.	Mtrs	15		
ii	80mm X 25mm X 2mm thick rectangular aluminum Black anodized pipe section	----	---		
iii	25mm dia. ISI mark PVC Heavy duty conduits for Computer Networking, Power Pts, Access Control, CCTV etc if required	Mtrs	300		
iv	Floor Junction Boxes				
a	300mm X 300mm X 50mm X 2mm thick.	Nos.	15		
b	200mm X 200mm X 50mm X 2mm thick.	Nos.	20		
c	100mm X 100mm X 50mm X 2mm thick.	Nos.	40		
	SUB TOTAL 'G'				
H	MISCELLENOUS:				
i	Arranging temporary Power & Lighting for all agencies to work including suitable protection through MCBs/ELCBs/MCCBs & wiring & cabling. The rate shall include statutory approval from Local Electrical Inspectorate & other required statutory bodies , preparation of AS-BUILT drawings , Testing of the installation & preparation of test report as required by statutory bodies. Note: The rate to include cost of Removing existing cables, wire, DBs, Main Switches, Lighting fixtures and handed over to concerned Branch Manager for all areas during work.	Job	1		
ii	Supply, Installation, of Fan hook for ceiling fan	Nos	10		
iii	AC Cyclic Timer Supply, Installation & Commissioning of Automatic AC Cyclic for 2 nos. of Split/ Window ACs with 1 no. of Real Time Electronic Timer Switch DW219BLK of MK & 2 nos. Contactor/ High Power Relay, Mains ON & AC-1 & AC-2 indicating LED type Lamps, 2A HRC fuse with base for contactor coil & 1 no. 32A DP MCB with Auto/ Manual Switch, in Powder coated MS. Box & all accessories with Elmax make terminals for outgoing/ incoming connections	No.	1		
iv	Glow Sign Timer				



	Supply, Installation & Commissioning of Real Time Glow Sign Timer with 1 no. of Real Time Electronic Timer Switch DW219BLK of MK & 1 nos. Contactor/ High Power Relay, Mains ON & Load-On indicating LED type Lamps, 2A HRC fuse with base for contactor coil & 1 no. 32A DP MCB with Auto/ Manual Switch, in Powder coated MS/ ABS Box & all accessories with Elmax make terminals for outgoing/ incoming connections etc.				
	SUB TOTAL 'H'				
I	TELEPHONE POINT WIRING				
i	Telephone Tag Block Supply, Installation & Commissioning of following Telephone tag block in groups of 10-pair Krone disconnector type with S.S. brackets for Krone, Powder coated metal enclosure with sufficient space for storing extra cable termination with lock & key arrangement & telephone distribution				
a	50-Pair Enclosure (1 Column X 50 Pair).	No	1		
b	20-Pair Enclosure	No	2		
ii	Telephone Multi - Pair Armoured Cable Supply & Laying of following size armored telephone multi-pair cables of 0.5sqmm electrolytic grade tinned copper PVC insulated twin twisted pairs with termination in respective Krone type connector wherever necessary				
a	20-pair Cu ARM Jelly Field cable.	Mtrs	25		
b	50-pair Cu ARM Jelly Field cable.	Mtrs	25		
iii	Telephone Outlets Points Supply, laying & Installation of following Telephone point wiring on workstations/ tables/ partitions by using 2-Pair cable pulled through already laid floor raceways/ conduits and taken up to the table top using PVC rigid/ flexible conduits run concealed within walls/ partitions/ work stations etc. Each point consisting of 1 no. of RJ-11 Jack type telephone socket, concealed MS box flush to the surface, front Plate etc & hardware as required together forming one point. Rate is Inclusive of all Riser PVC/ Flexible conduits as required	Nos.	80		



	SUB TOTAL 'I'				
J	PA cum Music System				
	Supply, Installation, Commissioning & Testing of Music cum PA System comprising of following devices/ components				
i	6" Dia Ring type Recessed Speaker 5 watts 6" dia. Ring type speakers with line matching transformer 70/100V, enclosure etc. equivalent to Byford Model CH-716 or BOSCH model LBD 8353/10, or any other make and model approved by bank	Nos.	25		
ii	Volume Control Supply, Installation, Testing, Commissioning of volume control - cum - ON -OFF switch flush mounted on wall along with other electrical switches .The size and plate of the regulating knob should match with other switches nearby.	Nos.	8		
iii	Music Cum PA System Point Wiring Supply, Laying & Installation following point wiring for music cum PA system comprising of 14/36 swg or 0.2mm strand Tin Cu flexible Polythene insulated shield cable pulled through 20mm dia. Medium gauge PVC conduits & looped from one speaker to other & finally terminated in line output jack.				
a	2 Core from Music system to Speaker & speaker to speaker	Nos.	25		
b	3 Core from Speaker to Volume control wherever applicable	Nos.	8		
	SUB TOTAL 'J'				
K	NETWORKING & DATA CABLING				
	Supply, Installation, Termination & Testing of Data point including approved make Cat - 6 UTP cable through underfloor trenches / raceways / MMS PVC conduits & including cheiseling in case of concealed in wall / on surface for above false ceiling, Rates are inclusive of RJ45 cat-6 I/O information outlet, single / dual / quad type face plate, PVC back box etc. including Termination, Testing, Certification and Documentation of UTP Point sand complete system as required. (Cat-6	Nos	60		



	<p>cable - D-link make or equivalent approved make).Rate are inclusive of PVC pipe/cap on casing/flexible pipe of suitable size with all accessories, Floor cutting -Preparation of trenches and re- filling the trenches with rich mix of 1 : 2 PCC after laying of the PVC pipe One for LCD & Two for ATM & one for IP phone in BM cabin). Dual jack plate will not be allowed. Cross Ferruling need to be provided for each point. On Data point tagging must be done).</p>				
i	Supply & installation of Gigabyte Cat-6 24 port patch panel (DLINK) with necessary hardware & accessories in rack including installation & termination in rack.	Nos.	2		
ii	Supply of Factory crimped, mounting cord (7 feet')	Nos.	62		
iii	Supply of Factory crimped, mounting cord (3 feet')	Nos.	62		
iv	S/I/T/Commissioning of 9U Rack.(D - Link)	Nos.	2		
	SUB TOTAL 'K'				



SUMMARY		
Sr.No	PARTICULARS	AMOUNT QUOTED
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2	SECTION B : MEDIUM VOLTAGE SWITCHGEARS & DB'S	
3	SECTION C : LIGHT AND FAN FIXTURES	
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5	SECTION E : COMPUTER POINTS & CIRCUITS	
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7	SECTION G : Floor Raceways/ Conduits & Floor Jn.Boxes	
8	SECTION H : MISCELLENOUS:	
9	SECTION I : TELEPHONE POINT WIRING	
10	SECTION J : PA cum Music System	
11	SECTION K : NETWORKING & DATA CABLING	
	TOTAL VALUE OF ELECTRICAL WORKS	
	Add GST @18%	
	GRAND TOTAL	

SEAL & SIGNATURE OF CONTRACTORS