

PRICE BID FOR ELECTRIFICATION WORK IN PROPOSED FUTURISTIC SBI NeXT BRANCH, PANCHVATI, AHMEDABAD.					
Sr. No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	NOTE : ALL CHARIS OR CHASES IN WALLS / COLUMNS / SLABS/FLOORING MADE BY THE ELECTRICAL CONTRACTOR FOR INSTALLATION OF CONDUITS / S.B. / BOXES ETC. THE FILLING OF THE SAME IS IN THE SCOPE OF THE ELECTRICAL CONTRACTOR INCLUDING ALL NECESSITY MATERIAL AND LABOUR.				
	PART - A :::: BRANCH				
A	INTERNAL WIRING : Phase wire must be Red colour for LDB, Yellow colour for PDB & Blue for ACDB, Neutral Wire of Black colour & Green Wire for Earthing. Color code must be maintained. Tagging from DB MCB and Switch board must be done.				
1	SITC of point wiring in concealed in walls, furniture's & for above false ceiling, or on ceiling, on beams shall be fixed with saddles & spacers etc., with conduits taken in slab with 20 mm dia PVC Rigid conduits 1.5 mm thick ISI mark with 2 nos. of 1.5 sq. mm. phase & nutral & 1 nos. of 1.0 sq. mm. earthing with modular switch with company made flush metal box/surface PVC box etc. comp. with nec. main lines for switch board from LDB of mains of 2 nos. of 2.5 sq.mm wire and 1 no.of 1.0 sqmm pvc Insulated copper conductor wire FRLS type laying in with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark . These will be used with point wiring of light, fan, ex. fan, callbell points, etc { Max. 3 Switchboards in one circuit - One Sp MCB }.Phase wire must be Red colour, Nutral Wire must be Black color & Green Wire for Earthing. Color code must be maintained. Tagging from Lighting DB MCB and Switch board must be done.				
1.1	One 10A switch controlling one light / fan point.	35	nos		
1.2	One 10A switch controlling Two light points .	80	nos		
1.3	One 10A switch controlling Three light points .	25	nos		
1.3	One 10A switch controlling Four light points .	10	nos		
1.5	10A socket outlet with 6A switch (on common board).	35	nos		
1.6	6A socket outlet with 10A SP switch (as an independent point) [for ex. Fan, wall fan , QMS, Token M/C Display, etc. points.].	15	nos		
1.7	Call bell point with bell push complete.	2	nos		
1.8	SITC of loop light points Of 2 nos. of 1.5 sq. mm. off wires & 1 nos. of 1.0 sq. mm. earth wire from Main panel timer of mains of 2 nos. of 2.5 sq.mm wire and 1 no.of 1.0 sqmm pvc Insulated copper conductor earth wire laying in with 20 mm/25 mm dia type PVC rigid conduits 1.5 mm thick ISI mark. (This point is for Signage and Light Points at Entrance).	10	nos		
1.9	SITC of loop light points Of 2 nos. of 1.5 sq. mm. off wires & 1 nos. of 1.0 sq. mm. earth wire from from nearest light point laying in with 20 mm/25 mm dia type PVC rigid conduits 1.5 mm thick ISI mark. - on digital wall / backside grahak mitra display / in ceiling for small light fixtures.	20	nos		
2.1	SITC of 6/16 Amp. Switch and socket complete with necessary require wiring from LDB of 2 no of 2.5 sq mm wires and 1 no of 1.0 sq mm PVC Insulated copper conductor earth wire laying in with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark. These will be used with point wiring of power points ,etc. No Looping of Neutral or earthing is allowed. Each point needs to provide seperate circuit.This Points Need to Be Connected through LDB. (For Cash Room, Locker Room, Record room - wiring points).	3	nos		

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2.2	SITC of 25 Amp. DP MCB with ind. plug socket unit with co make metallic box complete with necessary require wiring from LDB of 2 no of 4.0 sq mm wires and 1 no of 2.5 sq mm PVC Insulated copper conductor earth wire laying in with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark. These will be used with point wiring of power points ,etc. No Looping of Neutral or earthing is allowed. Each point needs to provide seperate circuit.This Points Need to Be Connected through LDB. (For LOCKER room - wiring points).	1	nos		
2.3	SITC of 6/16 Amp. Switch and socket complete with necessary require wiring from PDB of 2 no of 4.0 sq mm wires and 1 no of 2.5 sq mm PVC Insulated copper conductor earth wire laying in with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark. These will be used with point wiring of power points ,etc. . No Looping of Neutral or earthing is allowed. Each point needs to provide seperate circuit.This Points Need to Be Connected through PDB. (For Printer, Water Cooler, Freeze, Motor, Note Counting Machine points).	6	nos		
2.4	SITC of 6/16 Amp. Switch and socket complete with modular switch plate , pvc surafce box of co. make.. These will be used for power point in ups room to be considered as ups i/p & ups o/p points for individual ups units of E Lobby. No Looping of Neutral or earthing is allowed. Each point needs to provide seperate circuit.This Points Need to Be Connected through atm ups DB in ups room. (for plug in ups i/p & ups o/p points.). read carefully network layout for details. 16 A 3 pin top will be also considered.	24	nos		
B	LIGHTING FIXTURES :				
	(NOTE : ANY OF FIXTURES AND FITINGS SHALL BE RE-CONFIRMED WITH THE ARCHITECTS / CONSULANTS BEFOTE ORDERING THEM.				
4	SITC of (including supply and fixing flexible wires from holder to fixtures hardwares etc.) of.... - The LED lamps should be of same make as fixture make. - The marking & cutting of fixtures should be in ele. contractor's scope.. fixtures should be approved by bank's ele. engineer / ele. consultant / architect. from the given make list before installations. LM 79 & LM 80 test reports to be submitted. nichia / LUmileds / 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) - opertive on 190V - 270 V 50 Hz with Mini 3 years warranty complete with mounting stystem and lamp dully wired and tested Details as under.				
4.1	SITC of LED 1 x 36 W (3600 lumens) (2' X 2') RECESS MOUNTED LUMINAIRE (backlit 2 X 2 panel) with 4KV surge protection, making earthing conection 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, better visual comfort with diffuser optics,. Earthing connection with lugging need to given to body of Fixture, etc. complete. (HYBEC make no. HLS 3000 /Philips/Wipro or Equivalent make) .	21	nos		
4.2	Supply and insallation of Call bell with Indicator. (Max or equivalent make)	2	nos		
4.3	SITC of Exhaust fan of 150 mm / 300 mm, fresh air heavy duty industrial type complete & 6 Amp. 3 pin TOP. (Crompton/ Khaitan / Havells make) [Wooden mounting frame should be fixed in coordination with carpenter - furniture contractor.] - Two Ex. Fan of 300 mm are of heavy duty industrial for Ups room.	6	nos		

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4.4	SITC of 48" Ceiling Fan (premium decorative) with remote , fan step socket modular regulator, Max. 3 feet Fan Rode, Anchor Fastner, etc. (WHITE COLOUR - BEE 5 star labeled ceiling fan BLDC fans anti rust, 2 year manufacturing warranty only.) (Crompton energion hyperjet make or Equivalent approved make in Orient make Aerosleek BLDC pro with 5 year manufacturing warranty/ Havells Stealth Air . - first approved by bank's ele. engineer & then to be installed.	6	nos		
4.5	SITC of 10 W Linear COB LED LIGHT (6K) fixture with 2.5KV surge protection with its driver also. (HYBEC / wipro make cat no. DC71040 or Crompton / GE/ Philips / Havells make). (Approved by Architect) basic rate of fixture Rs. 1600/-.	10	nos		
4.6	SITC of 22 W COB LED LIGHT (6K) fixture with 2.5KV surge protection with its driver also. (HYBEC make no. HLR 2578 / wipro / Philips or Equivalent make). (Approved by Architect) basic rate of fixture Rs. 2000/-.	190	nos		
4.7	SITC of Magnetic mounted track of Aluminium recessed type, 62.5 mm X 46.8 mm of required length with all necessary joints with magnetic driver , conector accessories, etc . (HYBEC /wipro make cat no. HM0300 / HM0310 (track) - driver HM0100 / HM0110 - or Crompton / GE/ Philips / Havells make). (Approved by Architect) basic rate of fixture Rs. 2500/-. coordinate with furniture vendor for fixing in false ceiling.	70	mtrs.		
4.8	SITC of Magnetic driver & connecting assembly . (HYBEC / wipro make cat no. driver HM0100 / HM0110 - or Crompton / GE/ Philips / Havells make). (Approved by Architect) basic rate of fixture Rs. 1650/-.	12	nos		
4.9	SITC of 10 W magnetic laser LED LIGHT (6K) fixture with 2.5KV surge protection mounting on magnetic track. (HYBEC / wipro make cat no. DM21240 or Crompton / GE/ Philips / Havells make). (Approved by Architect) basic rate of fixture Rs. 2450/-.	44	nos		
4.10	SITC of 10 W magnetic track LED LIGHT (6K) fixture with 2.5KV surge protection mounting on magnetic track. (HYBEC / wipro make cat no. DM41040 or Crompton / GE/ Philips / Havells make). (Approved by Architect) basic rate of fixture Rs. 2450/-.	4	nos		
4.11	SITC of 12 W magnetic foldable laser LED LIGHT (6K) fixture with 2.5KV surge protection mounting on magnetic track. (HYBEC / wipro make cat no. DM31240 or Crompton / GE/ Philips / Havells make). (Approved by Architect) basic rate of fixture Rs. 2450/-.	4	nos		
4.12	SITC of 10 W magnetic profile LED LIGHT (6K) fixture with 2.5KV surge protection mounting on magnetic track. (HYBEC / wipro make cat no. DM11040 or Crompton / GE/ Philips / Havells make). (Approved by Architect) basic rate of fixture Rs. 1700/-.	22	nos		
4.13	SITC of LED STRIP LIGHT (4K temp / blue color as per SBI logo) flexible complete with driver units as per layouts (led strips of diff. lengths, 230 v, 50 Hz, as required . (HYBEC / Wipro make DF052840 or equivalent GE/ Philips / Crompton / Havells make).	150	mtrs.		
4.14	SITC of LED PROFILE LIGHT FIXTURE with aluminium extrusion / acrylic housing materials, silver grey body color, power output of 15 w / ft., light source EDISON led of 78 LED / ft., 4K temp., 1700 lumens / ft. diffused beam angle, cutout of 25 mm x 20 mm , approx length as per layout. (HYBEC make cat no. HLL - 4714(50MM) or philips / Wipro or equivalent co. make). (Approved by Architect) diff. sizes of profile lights with sufficient capacity of drivers to be used as per layout. - LED strip to be used of wipro make also.	35	mtrs.		
4.15	SITC of LED PROFILE LIGHT FIXTURE - SILICON type (flexible - IP 65) with power output of 15 w / ft., light source led of 78 LED / ft., 6K temp., 1700 lumens / ft. diffused beam angle, cutout of 17 mm x 17 mm , approx length as per layout. (HYBEC or philips or equivalent co. make). (Approved by Architect) diff. sizes of profile lights with sufficient capacity of drivers to be used as per layout.	150	mtrs.		

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4.16	SITC of Decoretive WALL LED LIGHT FIXTURE with its driver also (HYBEC or wipro make or philips or equivalent co. make). (Approved by Architect) basic rate of fixture Rs. 1750/- . - mirror light for wash basins.	5	nos		
4.17	SITC of Decoretive 5 W / 6 W (180 lumens) LED EYE BALL LIGHT fixture with its driver also. (HYBEC or wipro make or philips or equivalent co. make). (Approved by Architect) basic rate of fixture Rs. 425/- . (This is for light in ACP work near entrance).	10	nos		
4.18	SITC of Decoretive HANING LED (linear hanging type - office table - 60 W - 4K) LIGHT FIXTURE with its driver also. (HYBEC or wipro make or philips or equivalent co. make). (Approved by Architect) basic rate of fixture Rs. 9500/-.	2	nos		

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C	COMPUTER POWER SUPPLY & NETWORKING - TELE. SYSTEM.: Phase wire must be Yellow colour for UPS O/P DB, Blue colour for PDB , Neutral Wire of Black colour & Green Wire for Earthing. Color code must be maintained. Tagging from DB MCB and Switch board must be done.				
5.1	SITC of 2 nos. of 6 A, 5 pin Sockets and 1 no. of 6 \ 16 A socket below table outlets with one 16 A switch with indicator Computer power supply with concealed company made metallic boxes or PVC flush box on walls / furniture's / trunking etc complete all respect with necessary wiring of mains of 2 no of 2.5 sq mm and 1 no of 1.5 sqmm pvc insulated copper conductor multi-stranded flexible wire with 20/25 dia. PVC conduits with accessories duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. complete from UPSDB to Computer power supply boards.{Maxi. 3 computers in one circuit}. complete with necessary termination etc. complete. LOOP POINTS MUST BE OF SAME SIZED WIRES. Phase wire must be yellow colour, Nutral Wire must be Black color & Green Wire for Earthing. Color code must be maintained. Tagging from UPS O/P DB MCB and Switch board must be done.	26	nos		
5.2	SITC of 2 nos. of 6 A, 3 pin Sockets and 1 no. of 6 \ 16 A socket with one 16 A switch - Computer power supply - with concealed company made metallic boxes or PVC flush box on walls / furniture's / trunking etc complete all respect. Tagging from ATM UPS DB MCB and Switch board must be done. this to be fixed in e lobby area as per network layout - without wiring of input circuit mains.	12	nos		
6	SITC of 2 nos. of 6 A, 5 pin Sockets and 1 no. of with one 6 A switches raw power supply with concealed company made metallic boxes or PVC flush box on walls / furniture's / trunking etc complete all respect with necessary wiring of mains of 2 no of 2.5 sq mm and 1 no of 1.5 sqmm pvc insulated copper conductor multi-stranded flexible wire with 20/25 dia. PVC conduits with accessories duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. complete from PDB to Computer power supply boards.{Maxi. 3 Raw Power Points in one circuit}. complete with necessary termination etc. complete. LOOP POINTS MUST BE OF SAME SIZED WIRES. Phase wire must be Blue colour, Nutral Wire must be Black color & Green Wire for Earthing. Color code must be maintained. Tagging from PDB MCB and Switch board must be done. .	30	nos		
7	SITC of CAT 6, RJ 45 information outlet (I/O) of D-link mke with front modular cover plate, flush box metallic or PVC for trucking system etc. complete with terminations etc complete.with Providing, installing, testing, commissioning of CAT 6 UTP pvc insulated copper conductor data cable of D-link make with 20/25 dia. PVC conduits with accessories duly burried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. or to be cleated on wall / ceiling with saddles / spacer etc. necessary termination etc. with ferrule numbering at both ends of each of piece of cable etc. complete as per the requirement from data rack to I/O points below tables. etc. (Dual jack plate will not be allowed. Cross Ferruling need to be provided for each point. on Data point tagging must be done).	44	nos		
8	SITC of 18 U metal rack for computer clamping switch etc complete with Tray Mounting Fan + power supply board. Bank's hardware - port switch / patch panel must be installed by ele. Contractor in this rack. - (make : D Link / Digi Link / Elixer).	1	nos		
9	SITC of 24 port patch panel for computers mounting in metal rack. (make : D Link / Digi Link).	2	nos		
10	SITC of the Patch cord 1 mtr. Long (factory built) .- When supplying , then first ask to BM / Consultant / Architect / Bank Authority.	44	nos		
11	SITC of the Patch cord 2 mtr. Long (factory built) .- When supplying , then first ask to BM / Consultant / Architect / Bank Authority.	28	nos		

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Sr. No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
12	SITC of telephone point with Telephone socket outlets of RJ 11 of approved make with company made concealed boxes in walls / furniture's etc. complete with Providing, installing, testing, commissioning of 2 pair of 0.51 cross section pvc insulated copper conductor telephone wire of ITI approved with 20/25 dia. PVC conduits with accessories duly buried under floor with necessary chasing / breaking in floor and to be refinished with all necessary civil material etc. or to be cleated on wall / ceiling with saddles / spacer etc. necessary termination etc. complete from krone box to tele. RJ - 11 sockets below tables. etc.- for Intercom / fax / direct Tele. facility. Cross Ferruling need to be provided for each point. on Telephone point tagging must be done.	17	nos		
13	SITC of 20 pair krone telephone tag block duly enclosed in sheet metal powder coated box with locking arrangement complete with necessary terminations.	1	nos		
D	DISTRIBUTION BOARD AND PANELS :				
14	SITC of metallic double door type distribution board with all necessary connection complete to be installed concealed in wall / surface mount complete to the satisfaction of the Engineer in charge. The DB should be of same make as MCB make. There is no additional cost for fabricated stand to be required at site.				
14.1	SITC of 4 - WAY TPN DB : (LDB - PPI DB.) . All MCB should be ' B ' type.	2	nos		
	Incoming : 40 A FP MCB - 1 NO.				
	Outgoing : 25 A DP RCCB, 100 mA - 3 NO .				
	Outgoing : 6 to 20 A SP MCB (6 nos).				

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14.2	SITC of 6 - WAY TPN DB : (PDB - PPI DB.). All MCB should be ' C ' type.	2	nos		
	Incoming : 63 A FP MCB - 1 NO .				
	Outgoing : 40 A DP RCCB, 100 mA - 3 NO .				
	Outgoing : 10 to 20 A SP MCB (5 nos) for raw power points.				
	Outgoing : 10 to 20 A SP MCB (3 nos) for 6/16 A power point .				
14.3	SITC of 6 - WAY TPN DB : (VRF INDOOR ACDB 1 & 2 - BRANCH .). All MCB should be ' C ' type.	2	nos		
	Incoming : 25 A FP MCB - 1 NO .				
	Outgoing : 6 A DP MCB (9 nos) for HI- WALL SPLIT AC / cassette AC units. - INDOOR VRF.				
14.4	SITC of 4 - WAY TPN DB : (VRF INDOOR ACDB 3 - DEZ AREA.). All MCB should be ' C ' type.	1	nos		
	Incoming : 25 A FP MCB - 1 NO .				
	Outgoing : 6 A DP MCB (4 nos) for HI- WALL SPLIT AC / cassette AC units. - INDOOR VRF.				
14.5	SITC of 12 WAY SPN DB : UPS DB - OUTPUT - branch . - All MCBs must be C Type Characteristic.	1	nos		
	Incoming : 63 A DP 100 mA RCCB, 100 mA.				
	Outgoing : 10 to 20 A SP MCB (10 nos).				
14.6	SITC of 4 WAY SPN DB . (For essential ups points - UPS O/P DB.) - branch. - in UPS ROOM.	1	nos		
	Incoming : 16 A. DP MCB - 1 NO FOR UPS OUTPUT.				
	Outgoing : 10 A / 20 A. SP MCB - 2 NO FOR essential ups points - DATA RACK / FIRE PANEL / CCTV NVR PTS.				
14.7	SITC of 6 WAY SPN DB . (For UPS O/P DB IN UPS ROOM).	1	nos		
	Outgoing : 63 A. DP MCB - 1 NO FOR UPS OUTPUT. - ups o/p db feeder in ups room.				
	Outgoing : 25 A. DP MCB - 1 NO FOR UPS OUTPUT - Essential ups o/p db feeder in ups room.				
14.8	SITC of UPS INPUT - 12 WAY SPN DB (For all computers). - All MCBs must be C Type Characteristic.	1	nos		
	Incoming : 63 A FP MCB - 1 NO FOR 3 - phase UPS.(big) .				
	Incoming : 40 A. DP MCB - 1 NO FOR 1 phase UPS.				
	Outgoing : 10 A SP MCB - 1 NO FOR UPS ROOM LIGHTING.				
14.9	SITC of 12 - WAY SPN DB : (ATMDB). All MCB should be ' C ' type.	1	nos		
	Incoming : 40 A FP MCB - 1 NO .				
	Outgoing : 10 to 20 A SP MCB (2 nos for signboard).				
	Outgoing : 10 to 20 A SP MCB (4 nos).				
14.10	SITC of 4 WAY SPN DB WITH 40 A FP MCB for UPS PTS . (For ATM ups points - in UPS AREA.).	1	nos		
	outgoing : 40 A. FP MCB - 1 Nos.				
14.11	SITC of 8 WAY SPN DB . (For ATM ups points - UPS DB - in UPS AREA.).	3	nos		
	outgoing : 40 A. DP MCB - 1 NO FOR UPS OUTPUT.				
	outgoing : 10 A / 20 A. DP MCB - 4 Nos.				
14.12	SITC of DP MCB METAL ENCLOSURE WITH 10 A DP MCB for UPS PTS . (For ATM ups points - ATM AREA.).	12	nos		
	outgoing : 10 A / 20 A. DP MCB - 1 Nos.				

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15.1	SITC of 40 A / 63 A FP RCCB, 30mA (C - Curve) with powder coated compny made metallic double door sheet stell enclosure complete for three phase 10 HP / 20 HP VRF AC units. (as per IP 65 protection). THE ENCLOSURE SHOULD BE SAME MAKE AS MCB MAKE.	4	nos		
15.2	SITC of 63 A FP MCB (C - Curve) with powder coated compny made metallic double door sheet stell enclosure complete for three phase 6.0 HP TFA units. (as per IP 65 protection). THE ENCLOSURE SHOULD BE SAME MAKE AS MCB MAKE.	1	nos		
16	SITC of <u>315A TO 400 A ADJUSTABLE FP MCCB - C&S Make CSE1N315ETM4P - 315A TO 400A (36KA)</u> (1 No.) with (lcs =100% lcu., confirmed to IS / IEC 60947 -2 adujstable lr rating from 0.7 to 1) Unit M. S. compartment enclosure IP65 with hinged door & locking arrangement duly fabricated from 18 SWG sheet metal box duly painted with one coat of red-oxide paint and two coats of approved enamell paints with 315A OPEN TYPE FP MCCB UNIT <u>with Phase indicator lamps phase wise</u> , control fuses & wooden back complete. THIS WILL BE INSTALLED NEAR MAIN DOOR - INSIDE OR OUTSIDE - OF THE BANK. (first ask to BM / Consultant / Architect / Bank Authority.	1	nos		
17	SITC of Main panels with fabricated stand as per drawing and specifications. Panel should be dust and vermin proof. Panel shall be fabricated from 14/ 16 SWG CRCA sheet metal duly powder coated of approved paints. Panel should be as per the sepecifications of ERDA / CPRI, fabrication, Switch gear installation, Internal wiring and Test Certificate from Manufacturer to be submitted. - All MCBs must be C Type Characteristic. <u>Panel Drawing Need to be approved by Electrical Consultanat / Bank's Engineer before starting work. READ SLD CAREFULLY.</u>				
	MAIN PANEL :	1	nos		
	Incoming feeder : 315 A to 400 A Adjustable C&S Make CSE1N315ETM4P- 315A to 400A (1 No.). The MCCB should have inbuilt Earth Fault & Nutral Overload Protection with Power Supply & Display Module for Metering & Fault Recording + spreader link (set of 8) 4P for 315 A to 400A. + phase barrier (set of 6) for 315 A to 400 A				
	* 315 A, FP Change over switch (1 No.). - MAIN CHANGEOVER SWITCH.				
	* 400 AMP. 500 Volts, 3 phase 50 Hz FP Alu. bus bars of suitable length -Current ratio shall be 1 sq mm = 1.2 A.				
	Incoming feeder : 200 A C&S Make CSE1N200ETM4P-200A (1 No.). REGULAR POWER. + spreader link (set of 8) 4P for 200 A. + phase barrier (set of 6) for 200 A.				
	Incoming feeder : 100 A C&S Make CSE1N100ETM4P-100A (1 No.). - ESSENTIAL POWER. + spreader link (set of 8) 4P for 100 A. + phase barrier (set of 6) for 100 A.				
	* 250 AMP. 500 Volts, 3 phase 50 Hz FP Alu. bus bars of suitable length -Current ratio shall be 1 sq mm = 1.2 A.				
	* 160 AMP. 500 Volts, 3 phase 50 Hz FP Alu. bus bars of suitable length -Current ratio shall be 1 sq mm = 1.2 A.				
	* 100 AMP. 500 Volts, 3 phase 50 Hz FP Alu. bus bars of suitable length -Current ratio shall be 1 sq mm = 1.2 A.				
	* Digital AVF Meter with control fuses. C.T. shall be of 15VA class 1 type and shall be resin cast type.				
	* Phase indicator lamps phase wise.				
	* Outgoing feeder:				
	* Timer of L & T make Cat. No. 67DDTO digicom Timer with 16A. 4P contactor / Theben make Cat no. SUL 180 a - T180 0 001 ANALOG Timer with L & T make contactor MNX 18 (operating coil voltage 230V, 50 Hz). (24 hrs).- 2 No for signage light.				
	* 25 A DP MCB (2 no - Sign board for branch).				
	* 63 A FP MCB (1 NO - UPSDB - BRANCH).				
	* 40 A FP MCB (1 NO - UPSDB - DEZ).				
	* 40 A FP MCB (1 NO - DEZ DB).				
	* 40 A FP MCB (2 NO - DEZ VRF OUTDOOR AC UNITS.).				
	* 25 A FP MCB (1 NO - DEZ AC VRF INDOOR DB).				
	* 40 A FP MCB (2 NO - LDB).				
	* 63 A FP MCB (2 NO - PDB).				

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	* 25 A FP MCB (2 NO - AC VRF INDOOR DB).				
	* 63 A FP MCB (1 NO - 6.0 HP TFA UNIT DB).				
	* 25 A FP MCB (1 NO - 1.0 HP TFA - AHU UNIT DB).				
	* 40 A FP MCB (1 NO - LOCKER M/C DB).				
	* 40 A FP MCB (2 NO - SPARE DB).				
	* 63 A FP MCB (2 NO - SPARE DB).				
E	EARTHING SYSTEM:				
18	SITC of Earthing Pit with all necessary material and making masonry kundi, watering arrangement etc complete as per ISI 3043-1987 (FOLLOWING ITEMS MAY OPERATE). Resistivity as per IEC / IS. (3 years Manufacturer Warranty. Earthing Certificate Need to Attached). (At the Time of buried of earthing Photograph must be taken Without Photographic Proof Earthing Will be Rejected. Earthing Rod Photo Must be attached with Bill.). Earthing need to measure at Site and it should be less than 5 Ohm. If found more than 5 ohm than will be rejected. Earthing Pit Must be Provided for both Cu as well as GI earthpit.				
18.1	SITC of ECO SAFE environment friendly electrical grounding system with T-193- Copper electrode used upto 11 KV, having 50 mm dia. of outer pipe and 25 mm dia. of inner pipe and length of 3 mtrs with 50 kg Back Fill Compound as per UL 476, of Powerfill Eco friendly electrical grounding backfill compound and clamp. ERDA & NSIC approved, E link or ETP MAKE or ASHLOK MAKE. Any other make will not be consider. - Cu. (2 for UPS & 1 for DB - MAIN PANEL.) - to be included core cutting as per site conditions.	3	nos		
19	SITC and jointing of following wire / strip / earth cable on walls, ceiling etc. With necessary non rusting clamps, washers, nuts and bolts etc complete.				
19.1	SITC of 16.0 sq. mm. Cu. Flexible wire with 20 / 25 mm dia. PVC rigid conduit duly cleated / concealed / burried in floor etc. complete From Cu. earthing pit to Main Panel + From Cu. Earthpit to UPS I / P DB.	160	Rmt		
19.2	SITC of 6.0 sq. mm. Cu. Flexible wire with 20 mm dia. PVC rigid conduit duly cleated / concealed / burried in floor etc. complete for all AC VRF units from main panel, etc.	240	Rmt		

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Sr. No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
19.3	SITC of 4.0 sq. mm. Cu. Flexible wire with 20 mm dia. PVC rigid conduit duly cleated / concealed / buried in floor etc. complete for all DBS, etc.	120	Rmt		
F	CABLES & CABLE TERMINATIONS:				
20	SITC of commissioning of following sizes of PVC insulated PVC sheathed copper / aluminum conductor armoured cable to be laying in existing cable trench or to be laid in existing pipes or open with necessary clamps, spacers with cleating on wall ceiling etc. complete to the satisfaction of EIC with end termination of PVC insulated armoured cables including SITC of brass single compression type cable glands and crimping type aluminum / copper lugs suitable for terminations of armoured cables of following overall diameters, incl. . All types of cable excavation works should be in contractor's scope.(LENGTH TO BE VERIFY AT SITE) .				
20.1	SITC of 3 C x 2.5 sq. mm Cu . Conductor YWY cable. (for Signboard).	60	mtr		
20.2	SITC of 4 C x 2.5 sq. mm Cu. Conductor YWY cable. (Main panel to Indoor TFA - AHU unit.) .	55	mtr		
20.3	SITC of 4 C x 6.0 sq. mm Cu. Conductor YWY cable. (Main Panel to UPS I/P DB - branch + Main Panel to UPS I/P DB - DEZ UPS DB + Main Panel to TFA outdoor mcb unit to outdoor machine.) .	140	mtr		
20.4	SITC of 4 C x 10.0 sq. mm Cu. Conductor YWY cable. (Main Panel to 10 HP VRF AC OUTDOOR FP RCCB to OUTDOOR units.) .	120	mtr		
20.5	SITC of 4 C x 16.0 sq. mm Cu. Conductor YWY cable. (Main Panel to 20 HP VRF AC OUTDOOR FP RCCB to OUTDOOR units.) .	140	mtr		
20.6	SITC of 4 C x 16.0 sq mm Alu. Conductor AYFY cable. (Main Panel to LDB - 1 & 2, PDB - 1 & 2, VRF INDOOR ACDB - 1 & 2 & 3, ATM DB.) .	60	mtr		
20.7	SITC of 3.5 C x 120.0 sq. mm Alu. Conductor AYFY cable. (Main cable from Main Panel to Main MCCB nr. energy meter) (LENGTH as per site condition) .	70	mtr		
20.8	SITC of 3.5 C x 120.0 sq. mm Alu. Conductor AYFY cable. (DG set cable from Panel to DG SET). (LENGTH as per site condition) .	70	mtr		
20.9	SITC of 50.0 sq. mm single core Cu. wire supply & laying for main load wire from meter to main switch in flexible pipe. <u>if required.</u>	12	mtr		
20.10	SITC of 3 C X 6.0 sq. mm flexible Cu. cable with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark . (UPS to UPS O/P DB & UPS I/P DB to UPS + UPS O/P DB MAIN to UPS O/P DBs). - for branch.	60	mtr		
20.11	SITC of 3 C X 4.0 sq. mm flexible Cu. cable with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark . (ups o/p db in ups room to essential ups o/p db in ups room + ups i/p db - branch to ups i/p db lobby in ups room.).	30	mtr		
20.12	SITC of 3 C X 2.5 sq. mm flexible Cu. cable with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark . (from VRF INDOOR ACDB to VRF INDOOR AC units.).	550	mtr		
20.12	SITC of 3 C X 2.5 sq. mm flexible Cu. cable with 20 mm/25 mm dia PVC rigid conduits 1.5 mm thick ISI mark . (from DP mcb to 6/16 a power pt to ups unit to 6/16 A power pt. - ups o/p point in ups room to ups DP mcb - e lobby to power pt in e lobby area.). Read network layout carefully.	600	mtr		
G	MISCELLANEOUS ITEMS :				

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Sr. No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
21	SITC of 300 x 300 x 40 mm size GI box duly fabricated from 18 SWG m.s. sheet with top cover of s. s. sheet complete with necessary knock outs at all the sides of box for conduit entries duly fixed in floor, including breaking in floor and re-finished the same etc. complete (Wire Draw Box).	12	nos		
22	SITC of 150 x 150 x 40 mm size GI box duly fabricated from 18 SWG m.s. sheet with top cover of s. s. sheet complete with necessary knock outs at all the sides of box for conduit entries duly fixed in floor, including breaking in floor and re-finished the same etc. complete (Wire Draw Box).	6	nos		
23	SITC of 2.5 sq. mm. 3 core flexible cable of approved make (3 mtr. Length) with heavy duty industrial pvc flexible pipe & 15 amp. 3 pin top of approved make for the supply of LOCKER ROOM, CASH ROOM, RECORD ROOM..	4	nos		
24.1	SITC of 24 Hr, 7 days A/C timer with 2 nos of DP power contactor of M.D.S, L & T , SEIMENS, THEBEN (indoasian) Make. All enclosed in sheet steel powder coated enclosure of 200 X 200 mm complete with all necessary termination for UPS room ex fan supply. <u>Here Ready made Cyclic Timer Will not be permitted. - to be installed in ups room.</u>	1	nos		
24.2	SITC of 24 Hr, 7 days A/C timer with 2 nos of TP power contactor of M.D.S, L & T , SEIMENS, THEBEN (indoasian) Make. All enclosed in sheet steel <u>powder coated enclosure of 200 X 200 mm</u> complete with all necessary termination for e lobby AC supply. <u>Here Ready made Cyclic Timer Will not be permitted. - to be installed in E lobby near main DB- ATM.</u>	1	nos		
25	SITC OF 8 MODULE POP UP BOX HONEYWELL or Legrand INCARA ARTEOR MAKE WITH 2NOS OF 6AMP SOCKET AND 1NO 15AMP SOCKET WITH 15AMP SW. - white / Black Colour.	2	nos		
26	SITC OF HONEYWELL or Legrand INCARA ARTEOR MAKE WITH 4MODULE POP UP BOX WITH HDMI CONNECTOR.	2	nos		
27	SITC OF HDMI CABLE OF DIFF. LENGTH FOR VC FROM CPU TO TV IN DGM CABIN & FROM TABEL TO TV IN CONFERENCE ROOM WITH ALL NECESSARY TERMINATIONS.	10	mtr		

PRICE BID FOR ELECTRIFICATION WORK IN PROPOSED FUTURISTIC SBI NeXT BRANCH, PANCHVATI, AHMEDABAD.					
Sr. No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
28	SITC OF VGA CABLE DIFF. LENGTH FOR VC FROM CPU TO TV IN DGM CABIN & FROM TABEL TO TV IN CONFERENCE ROOM WITH ALL NECESSARY TERMINATIONS.	10	mtr		
29	SITC of speaker point wiring of 1.5 sq. mm. x 2 C cu flexible PVC sheathed cable in 20 / 25 mm dia. PVC rigid conduit duly cleated / concealed etc. - (4 speaker in 1 Loop in hall area.).	16	nos.		
30	SITC of 6 W ceiling mount speaker wih all necessary connections , etc. of make : AHUJA / BOSS / BOSCH. Samples to be submitted before installation.	16	nos.		
31	Supply & laying of the empty conduit . - 25 mm.	100	mtr		
32	Laisioning work (addition Load) WITH Electric supply Co. in branch & Apporoval and Neccessary cirtificate. Contrctor must submit latest light bill + load sheet (duly signed) with final bill. Also check where load wires from ele. Supply vij co feeder to meter box must be carried full lod of branch & submit report.	1	job		
33	Providing necessary plug points (3 boards - each including 25 DP RCCB, 30 mA + 3 nos switches & 3 nos plugs, 16 a switch & 16 a plug) & light points for tube lights (including nesssry wiring) at various locations as required by various contractors for execution of various works / to run equipments such as drill / cutter etc. during the entire execution process. The accessaoires used for this purpose shall be of temp. nature (anchor piano or eq.) & the contractor has to take back the same on completion of the project. The supply for this shall be taken from the temporary connection provided at / from nearby general meter under co.ordintion with the LANDLORD. & also providing temporary power supply for computers and data connection for computers with wiring, switchboard, Comp. I/O Points,etc. for smoothly running of the branch with removing & reshifting of the computers , printers, etc. bank hardware accessories. photos to be posted in whatsapp group.	1	job		
GRAND TOTAL :::					