

PRICE BID OF INDIAN BANK KARUMKULAM BRANCH

Schedule of items for Electrical works					
NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
I	DISTRIBUTION BOX AND CABLE				
1	MAIN VDB				
	Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of 6 way (8+18 - double cover TPN vertical DB with provision for fixing FP MCCB as incomer and SP/ TP MCB as outgoings (IP 42/43) including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required Conforms to IS 8623 - 1&3, IEC 61439- 1&3.	1	No		
	MAIN Incomer				
	Supplying and fitting 100A 4P 35kA 415V 50Hz MCCB with Thermal Magnetic Protection Unit conforming to IS60947-2 & IEC 60947-2.	1	No		
	Outgoings				
	Supplying and fitting 63A 3P 415V 50Hz MCB 10kA C curve conforming to IEC 60947-2. For PDB /AC DB & SPARE	1	No		
	Supplying and fitting 40A 3P 415V 50Hz MCB 10kA C curve conforming to IEC 60947-2 For 3phase LDB/ATM	2	No		
	Supplying and fitting 32/25/16A SP 240V 50Hz MCB 10kA C curve conforming to IEC 60947-.For board Ligth, Inverter & UPS -1 & UPS -2	4	No		
2	A/C DB				
	Supply and installation charges of 3 phase 6way (8+12) VTPN DB enclosure with bus bars, neutral link earth bus and din rail suitable for fixing 4P MCB AND RCCB as incomer and SP MCB as out goings IP43 including copper/brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required Conforms to IS 8623 - 1&3, IEC 61439- 1&3.	1	No		
	Incomer				
	63A 4P RCBO (100mA) conforming to IEC/EN 61009 2010	1	No		
	Outgoings				
	Supplying and fitting 10/16A SP 240V 50Hz MCB 10kA C curve conforming to IS/IEC 60898-1 2002. For power plugs	7	No		

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	Supplying and fitting 20/25/32A SP 240V 50Hz MCB 10kA C curve conforming to IS/IEC 60898 -1 2002. For single phase A/C Units	3	No		
	Supplying and fitting 25A TP 415V 50Hz MCB 10kA C curve conforming to IS/IEC 60898 -1 2002. For single phase A/C Units	1	No		
3	LDB				
	Supply and installation charges of 3 phase 4 way (8+12) DB enclosure with bus bars, neutral link earth bus and din rail suitable for fixing 4P MCB AND RCCB as incomer and SP MCB as out goings IP43 including copper/brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required Conforms to IS 8623 - 1&3, IEC 61439- 1&3.	1	No		
	Incomer				
	40A (30mA) 4P RCBO conforming to IEC/EN 61009 2010	1	No		
	Outgoings				
	Supplying and fitting 10/6A SP 240V 50Hz MCB 10kA C curve conforming to IS/IEC 60898 -1 2002.	9	No		
4	Phase selector Switch for UPS Input:- 40A 4P MCB and 40A Phase Selector switch without off in metallic enclosure	1	No		
	UPS				
5a	UPS INPUT & OUTPUT:- SITC 32 A DP MCB in metallic enclosure	4	No		
b	UPS CHANGE OVER PANEL Supply erection testing and commissioning of 2 Nos. 40A rotary type change over switch in suitable metal box with 2 Nos. LED indicator for output identification.The Enclosure shall have a minimum size (LxWxD) of 30x20x12 CM withhinged doors and door knobs with lock nuts. The Panel Name and the Selector Switch Positions shall be marked as UPS 1 -UPS 2- and indicators shall be marked as DB-1 & DB-2.	1	No		
6	UPS OUTPUT SUB DB -1: Supply and installation charges of Single phase 8 way (I/C+O/G) DB enclosure with bus bars, neutral link earth bus and din rail suitable for fixing 2P ISOLATOR as incomer and SP MCB as out goings IP43 including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required Conforms to IS 8623 - 1&3, IEC 61439 - 1&3. NOTE: The complete alarm systems , CCTV & Fire connections must be taken from UPS DB -1 such a way that it ensures continuous and uninterrupted power supply	1	No		
	25A 2P HI RCBO (30mA) - 1no as incomer and following as out	1	No		

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	goings			
	10A SP MCB - (for CKT & Spare)	4	No	
7	UPS OUTPUT SUB DB -2: Supply and installation charges of Single phase 12 way (I/C+O/G) DB enclosure with bus bars, neutral link earth bus and din rail suitable for fixing 2P ISOLATOR as incomer and SP MCB as out goings IP43 including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required Conforms to IS 8623 - 1&3, IEC 61439 - 1&3.	1	No	
	40A 2P HI RCBO (30mA) - 1no as incomer and following as out goings	1	No	
	10A SP MCB - 10 No (for CKT & Spare)	10	No	
8	INVERTER INPUT & OUTPUT			
a	25A DP ISOLATOR in metal enclosure for inverter charging & Discharging	2	Set	
9	SITC of 25A 2P MCB Type manual Change over switch In metal enclosure with necessary fittings	1	Set	
10	CONTROL SWITCH (CCTV):- SITC of 16A Modular switch box with socket and MCB	1	No	
11	LIGHTING DB CUTOFF			
	Supply, Installation, testing and commissioning 40A 4P MCB IN 4 WAY SPN DB AT ENTRANCE OF BRANCH	1	Set	
12	INVERTER DB : Supply and installation charges of Single phase 12 way (I/C+O/G) DB enclosure with bus bars, neutral link earth bus and din rail suitable for fixing 2P ISOLATOR as incomer and SP MCB as out goings IP43 including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required Conforms to IS 8623- 1&3, IEC 61439 - 1&3.	1	No	
	40A 2P RCBO (30mA) as incomer	1	No	
	10A SP MCB	8	No	
13	Supply & Installation of SURGE PROTECTION DEVICE (TVSS) - Surge protection device(AC) 3P+N, In-20kA,Imax -40kA,Up-less than or equal to 4.5kV ,with indicator conforming to IEC/EN 61643-11	1	NO	
14	POWER CABLE: Supply & laying of XLPE insulated PVC innersheathed aluminium conductor, 1.1 kV grade armoured power cables conforming to IS:7098, as per approved make in ground/ trench/surface/wall/pipe,			
a	4x35 Sq.mm XLPE as incoming cable MSB to VDB	30	RM	
b	4x10 Sq.mm XLPE VDB to Light Cutoff and return to LDB	50	RM	

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c	4x16 Sq.mm XLPE VDB to To POWER/AC DB	15	RM		
15	CABLE TERMINATION Supply and installation (SITC) of End termination of the following size of cables using flange type cable glands and heavy duty tinned aluminium crimping type cable sockets including gland earthing.				
a	4x35 Sq.mm XLPE	2	No		
b	4x16 Sq.mm XLPE	2	No		
c	4x10 Sq.mm XLPE	8	No		
16a	Supply & laying of 3runs x 6sq. mm stranded PVC insulated copper wire through 20mm Rigid PVC condute.	25	RM		
b	Supply & laying of 3runs x 4sq. mm stranded PVC insulated copper wire through 20mm Rigid PVC condute.	30	RM		
c	Supply & laying of 4runs x 6sq. mm stranded PVC insulated copper wire through 20mm Rigid PVC condute.	5	RM		
d	Supply & laying of 5runs x 4sq. mm stranded PVC insulated copper wire through 20mm Rigid PVC condute.	50	RM		
II	WIRING FOR LIGHT, FAN, PLUG SOCKETS, UPS & EARTHING OF BRANCH				
	COLOUR CODING AS PER IS 732 STANDARD. R Phase - RED COLOUR, Y Phase - YELLOW COLOUR, B Phase - BLUE COLOUR				
17	WIRING SYSTEM				
A	Circuit Mains				
	SITC of all materials and wiring for circuit mains from LDB to Switch Boards, using 2.5 sq mm 1100V, PVC insulated FRLSH Copper conductor for phase , neutral including earthing with 1 run of 2.5 sq.mm green copper wire continuous run thorough 25 mm PVC conduit as per IS, giving inter connection etc complete as required and as directed by engineer in charge. Rate shall be for the average length from LDB to the switch board. No claim for additional wire and conduit.				
	Item rate	14	No		
B	Light and Exhaust fan Points				
	SITC of all materials and wiring for light and exhaust fan points using color coded 1.5 sq.mm 1100V grade, FRLSH, PVC insulated stranded copper conductor single core stranded wires of IS 694 specification and should have IS marking, through ISI medium grade 20mm rigid PVC conduits concealed in wall / slab/ceiling etc,complete with necessary accessories, including supplying and fixing 6A modular type switch housed in a suitable factory made M. S box with moulded front plate including earthing the box, ceiling rose, connectors (of approved make) etc., complete as required.(The rate include removing debris, packing and rough plastering the grews after conduiting)				
b1	Single control light Point / Exhaust fan point (one light/fan controled by one switch)				
	Item rate	56	No		
C	Group Control Wiring (Lights)				

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c1	Two lights controlled by one switch				
	Item rate	4	No		
c2	Three lights controlled by one switch				
	Item rate	2	No		
c3	Four lights controlled by one switch				
	Item rate	12	No		
D	Supplying all materials and wiring for ceiling fan points with 250 W stepped type electronic regulator using 1.5sq.mm, FRLSH PVC insulated stranded copper conductor single core stranded color coded wires of 1100V grade and 1 run of 1.5 sq.mm green copper wire for Phase , neutral & earthing continuously run as per IS through ISI medium grade rigid PVC conduits concealed in wall/slab/ceiling etc., complete with necessary accessories, including supplying and fixing 6A modular type switch and 250W electronic fan regulator housed in a suitable factory made M. S. box with moulded front plate including earthing the box,complete as required.(The rate include removing debris, packing and rough plastering the grews after conduiting)				
d1	Ceiling fan point				
	Item rate	4	No		
d2	Wall fan point (same as above) with 6A socket but without electronic regulator				
	Item rate	10	No		
E	Plug Sockets				
e1	Supplying all materials and wiring for 6A plug points in independent positions using 2.5 sq.mm 1100V, FRLS PVC insulated copper conductor single core stranded wire for phase & neutral and earthing with 1 run of 2.5 sq.mm green copper wire inside the conduit / flat conduit , and fixing 6A modular type plug socket (2 in 1) controlled by 6A switch with moulded front plate, housed in a suitable factory built MS box. Giving connections, earthing etc complete as required. Rate shall be for the average length from DB to the switch board.No claim for additional wire and conduit. (Maximum 4 station can loped frome one circute)				
	Item rate	13	No		
e2	Supplying all materials and wiring for 6A plug points in combined positions using 2 runs of 1.5 sq.mm 110V FRLS PVC insulated copper conductor single core stranded wire, earthing with earthing with 1 run of 1.5 sq.mm green copper wire inside the conduit/flat conduit , and fixing 6A modular type plug socket (2 in 1) controlled by 6A switch with moulded front plate, housed in a suitable factory built MS box. Giving connections, earthing etc complete as required. (in SB)				
	Item rate	13	No		

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e3	<p>Supplying all materials and fixing modular type 16A power plug point with 16A 3 pin modular type plug socket controlled with 16A switch with moulded front plate, housed in a suitable factory built MS/PVC box using 2 runs of 2.5 sq mm 1100V, FRLSH PVC insulated stranded Copper conductor including earthing with 1 run of 2.5 sq.mm green copper wire continuous run thorough 25 mm PVC conduit as per IS, giving inter connection etc complete as required and as directed by engineer in charge. as per IS, giving inter connection etc complete as required. Rate shall be for the average length from DB to the switch board. No claim for additional wire and conduit.</p>				
Item rate	NOTE: The Electrical Wiring inside the Strong Room should be in a CONDUIT and POWER CUT OFF SYSTEM either AUTO / MANUAL PLUG SYSTEM drawing power only from the Limit Switch in case of "Auto Power Cut Off System" is provided in the Door OR from the FEEDER BOX fitted outside the Strong Room (near the door) in case of Manual Plug System. The MANUAL PLUG SYSTEM OF POWER CUT OFF should be such that the connecting cable passes through the Strong Room Defender Door from inside to outside, which should be accessible only after opening the S.R. door (thus ensuring that the door can not be closed without removing the plug + wire and hence total power inside the Strong Room is cut off leaving no chances of fire resulting from an Electrical source / High Voltage / Surging even with the Switches in Off position). Inverter & KSEB Power inside strong room should be provided through two separate plug and socket arrangements.	8	No		
e4	Supplying all materials ,Wiring for MANUAL PLUG SYSTEM OF POWER CUT OFF with 16 A Plug and Socket (UPS and RAW Power)	2	No		
F	Computer power point - UPS power stations				
f1	Supplying all materials and fixing modular type 3numbers 6A, 3 Pin sockets controlled by one number 16A SP control indicator switch with moulded front plate, housed in a suitable factory built MS/PVC box	14	NO		
f2	SITC of all materials and wiring for circuit mains from UPS Sub DB to work station using 2 runs of 2.5 sq mm 1100V, FRLSH PVC insulated stranded Copper conductor including earthing with 1 run of 2.5 sq.mm green copper wire continuous run thorough 25 mm PVC conduit as per IS, giving inter connection etc complete as required and as directed by engineer in charge etc. complete as required. Rate shall be for the average length from DB to the primary switch board and looping to adjacent switch boards. No claim for additional wire and conduit. (Maximum 3 points from 1 Circuit)	7	NO		
H	1 Ton A/C Point				

	Supplying all materials and fixing modular type 20 A power plug point with 20A 3 pin socket controlled with 20 A DP modular switch with moulded front plate, housed in a suitable factory built MS box using 4 sqmm 1100 V, FRLS PVC insulated stranded Copper conductor and earthing with 4 sqmm green Cu wire continuously run through 25 mm PVC conduit as per IS giving inter connection etc complete as required. (AC point) the switch shall be fixed at a height of 120 cm from finished floor level. Rate shall be for the average length from DB to the switch board. No claim for additional wire and conduit.			
	Item rate	2	No	
I	2 Ton/1.5 TON A/C Point			
	Supplying all materials and fixing modular type 32 A power plug point with 32A 3 pin socket controlled with 32 A DP modular switch with moulded front plate, housed in a suitable factory built MS box using 2 runs 4 sqmm 1100V FRLS PVC insulated Copper conductor and earthing with 4 sqmm green Cu wire continuously run through 25 mm PVC conduit as per IS giving inter connection etc complete as required. (2 Ton AC point) the switch shall be fixed at a height of 120 cm from finished floor level. Rate shall be for the average length from DB to the switch board. No claim for additional wire and conduit.			
	Item rate	5	No	
J	CASSETTE AC POINT			
	AC LOCAL CONTROL for CAC unit: Supply and Installation of 32 A 4 Pole MCB with suitable enclosure for the local control of the CAC out door unit (Legrand/Siemens/L&T)		No	
K	AC LOCAL CONTROL for CAC unit near outdoor unit : Supply and Installation of 40 A 4 Pole MCB Isolator with suitable enclosure(IP-66) for the local control of the CAC out door unit near ODU (Legrand/Siemens/L&T)		No	
18	STABILIZER			
a	SITC of 4/5 KVA , V Guard make voltage stabilizer		nos	
b	Supply and fixing 20A plug socket With plug top for AC Stabilizer	7	No	
19	Board Light Point			
	Supplying all materials ,Wiring for board light point controlled by 25A 30mA DP RCCB in metal enclosure using 2 runs 4 sqmm 1100V FRLS PVC insulated Coper conductor and earthing with 4 sqmm pvc insulated green Copper wire continuously run through 25 mm PVC conduit as per IS giving inter connection etc complete as required. Rate shall be for the average length from DB to the board light . No claim for additional wire and conduit. (Board Light point for Branch)	1	no	
20	Supply and fixing of Indicator Board at entrance of the building such that the indicator Board is visible on the CCTV footage (RED for PDB , YELLOW or LDB , BLUE for UPS DB , GREEN for Inverter DB, & WHITE for Generator ON)	1	Set	
21	SITC OF LIGHT FITTINGS AND FANS			

a	<u>36W LED FITTING</u> - Supply and Installation of 2'x2' square LED ceiling flush mounted fitting of Wipro, Elate LED,CRC010	21	No		
b	<u>ROUND LED DOWN LIGHT FITTING</u> Supply and Installation of LED ceiling fitting Wipro Iris LED Slim Ro, LD80-171-XXX-60-XX 1x18W	19	No		
c	<u>ROUND LED FITTING</u> Supply and Installation of LED ceiling fitting Wipro Iris LED Slim Ro, LD80-530-XXX-60-XX 1x9w or equivalent	44	No		
d	<u>CALLING BELL</u> Supply and Installation of Calling bell controlled by modular type bell push	1	No		
e	<u>LED TUBE FITTING</u> Supply and Installation of 1x18 W patty LED tube fitting on wall or ceiling Garnet led tube 4feet white	14	No		
f	LED bulb - Supply and Installation of 9W LED bulb on angle holder.	3	No		
g	<u>WALL FAN</u> Supply and Installation of 400 mm sweep swivelling type wall fan Crompton Greaves High flo or equivalent	10	No		
h	<u>EXHAUST FAN</u> Supply and Installation 150mm light duty exhaust fan with all fittings (Including suitable size core cutting)	2	No		
i	<u>EXHAUST FAN</u> Supply and Installation 300mm Medium duty exhaust fan with all fittings (Including suitable size core cutting)	1	No		
j	<u>CEILING FAN</u> Supply and Installation of 1200 mm sweep ceiling fan with all fittings for the installation of Ceiling fan - Crompton Greaves - white color	4	No		
k	<u>CABIN FAN</u> Supply and installation of 300mm sweep cabin fan with plastic body & blade with Grill for protection and can be mounting on ceiling.	2	No		
l	<u>LED STRIP</u> Supply and fixing strip LED (Blue colour) for false ceiling with good quality driver unit (4A,12V adaptor for 5M) Formes Led Wipro , Garnet	135	RM		
j	Supply and installation of 15W 2ft Watt LED Mirror Lamp luminaire and giving connections.	1	No		
22	EARTHING STATIONS (Rate Shall be included for Testing of Earth value and submit the report)				
a	Supply and installation of plate earthing satation conforming to IS 3043 using 600x600x3mm Copper plate eath electrode burried in ground, 20mm dia 3m long perforated GI pipe with funnel and constructing inspection chamber by masonry work with heavy duty CI inspection cover including civil work complete for UPS.	1	No		
b	<u>PIPE EARTH</u> Supplying of all materials and providing earth point with pipe earthling waste pipe earthling strips, funnel etc. excavation trenches, filling with alternate layers of charcoal, salt ands sand, back filling as per BIS specifications and IS 3043/1987	2	No		
23	EARTHING CONDUCTORS				
	Supply and laying the following sizes of bare copper earthing conductors including termination,bracing the joints etc. as per standards.				
a	2x10 SWG Copper through cables	70	RM		

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b	1x8 SWG Copper for pipe earth	50	RM		
c	1x10 SWG Copper	70	RM		
24	EARTH BENCH Supply and fixingtinned copper earth bench (minimum 40cm length) 25x3 mm with all termination using cu sockets etc	2	No		
25	Prepairing Drawing and completion report for KSEB incl. liasioning with office, submission & followup of application etc.	1	Ls		
26	Supply & providing electrical grade rubber floor mats	20	sq ft		
27	Supply & providing cautin boards,Aluminium 105x105mm	3	nos		
28	Supply & providing electrical shock treatment chart (Three Languages -Hindi-English-Malayalam)	1	no		
29	Supply & providing First Aid Kit	1	no		
	SUB TOTAL				
III	TELEPHONE				
	Supply and wiring using 2 pair telephone cable in 20/25mm medium duty ISI PVC pipe with all necessary pvc accessories				
a	2 pair telephone cabling	300	RM		
b	Supply and fixing of RJ 11 type telephone socket on suitable PVC / metal boxes.				
i	Telephone socket – single modular type	8	No		
ii	Telephone socket – double modular type	1	No		
c	Supply, laying commissioning of 0.5 sq.mm 10 pair armoured telephone cable with all accessories	15	m		
d	Supply and installation of KRONE connector telephone junction box of 20 pair.	1	No		
	SUB TOTAL				
IV	ATM WORK				
1	ATM DB				
	Supply and installation charges of 3 phase 4 way (8+12) DB enclosure with bus bars, neutral link earth bus and din rail suitable for fixing 4P MCB AND RCCB as incomer and SP MCB as out goings IP43 including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required.		No		
	Incomer		No		
	40A (30mA) 4P RCBO conforming to IEC/EN 61009 2010		No		
	Outgoings		No		
	Supplying and fitting 6A SP 240V 50Hz MCB 10kA C curve conforming to IS/IEC 60898 -1 2002.		No		

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	Supplying and fitting 16/20A SP 240V 50Hz MCB 10kA C curve conforming to IS/IEC 60898 -1 2002.		No		
2	ATM UPS DB				
	Supply and installation charges of Single phase 8 way(I/C+O/G) DB enclosure with bus bars, neutral link earth bus and din rail suitable for fixing 2P ISOLATOR as incomer and SP MCB as out goings IP43 including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required .		No		
	Incomer				
	25A 2P HI RCBO (30mA) - conforming to IEC/EN 61009 2010		No		
	Outgoings				
	Supplying and fitting 6/16A SP 240V 50Hz MCB 10kA C curve conforming to IS/IEC 60898 -1 2002.		No		
3	UPS OUTPUT:- SITC 32 A DP MCB in metallic enclosure		No		
4	AUTOMATIC CHANGE OVER WITH CURRENT LIMITER(ACCL): Supply and Installation of 25A ACCL SPN for ATM UPS		No		
5	Supply & laying of 4 x 10sq. mm XLPE insulated PVC innersheathed aluminium conductor, 1.1 kV grade armoured cable conforming to IS:7098, as per approved make in ground/ trench/surface/pipe from VDB to ATM DB		m		
6	CABLE TERMINATION Supply and installation (SITC) of End termination of the following size of cables using flange type cable glands and heavy duty tinned aluminium crimping type cable sockets including gland earthing 4x10 sq mm cable.		no		
7	Supply & laying of 2 x 6sq. mm stranded PVC insulated coper wire through 20mm Rigid PVC conduite.		RM		
8a	SITC of all materials and wiring for light and exhaust fan points using color coded 1.5 sq.mm 1100V grade, FRLS, PVC insulated stranded copper conductor single core stranded wires of IS 694 specification and should have IS marking, through ISI medium grade 20mm rigid PVC conduits concealed in wall / slab/ceiling etc,complete with necessary accessories, including supplying and fixing 6A modular type switch housed in a suitable factory made M. S box with moulded front plate including earthing the box, ceiing rose, conectors etc ...for one light controlled by one switch		nos		
8b	same as above but for two lights controlled by one switch		no		
8c	same as above but for four lights controlled by one switch		No		
9	Supplying all materials and wiring for 6A plug points in independent positions using 1.5 sq.mm 1100V, FRLS PVC insulated copper conductor single core stranded wire for phase & neutral and earthing with 1 run of 1.5 sq.mm green copper wire inside the conduit / flat conduit , and fixing 6A modular type plug socket (2 in 1) controlled by 6A switch with moulded front plate, housed in a suitable factory built MS box. Giving connections, earthing etc complete as required.		nos		

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10	Supplying all materials and fixing modular type 16A power plug point with 16A 3 pin modular type plug socket controlled with 16A switch with moulded front plate, housed in a suitable factory built MS/PVC box using 2 runs of 2.5 sq mm 1100V , FRLS PVC insulated stranded Copper conductor including earthing with 1 run of 2.5 sq.mm green copper wire continuous run thorough 25 mm PVC conduit as per IS, giving inter connection etc complete as required and as directed by engineer in charge. as per IS, giving inter connection etc complete as required. Rate shall be for the Rate shall be for the average length from DB to the switch board.No claim for additional wire and conduit.	nos		
11	Supplying all materials and fixing modular type 20 A power plug point with 20A 3 pin socket controlled with 20 A SP modular switch with moulded front plate, housed in a suitable factory built MS box using 4 sqmm 1100 V, FRLS PVC insulated stranded Copper conductor and earthing with 4 sqmm green Cu wire continuously run through 25 mm PVC conduit as per IS giving inter connection etc complete as required.(AC point) the switch shall be fixed at a height of 120 cm from finished floor level . Rate shall be for the average length from DB to the switch board. No claim for additional wire and conduit.	nos		
12	SITC of 4 KVA , V Guard make voltage stabilizer	nos		
13	Supply and fixing 20A piug socket with plug top for AC Stabilizer	nos		
14	36W LED FITTING - Supply and Installation of 2'x2' square LED ceiling flush mounted fitting of Wipro, Elate LED,CRC010	no		
15	ROUND LED DOWN LIGHT FITTING Supply and Installation of LED ceiling fitting Wipro Iris LED Slim Ro, LD80-171-XXX-60-XX 1x18W	nos		
16	<u>ROUND LED SPOT TILT FITTING</u> Supply and Installation of 3W TILT LED ceiling fittings philips 3W ASTRA Spot light or equivalent	Nos		
17	Supply and installation of plate earthing satation conforming to IS 3043 using 600x600x3mm Copper plate eath electrode burried in ground, 20mm dia 3m long perforated GI pipe with funnel and constructing inspection chamber by masonry work with heavy duty CI inspection cover including civil work complete for UPS.	no		
18	EARTH BENCH Supply and fixingtinned copper earth bench (minimum 40cm length) 25x3 mm with all termination using cu sockets etc	no		
19	Supply and laying of 1x8 SWG bare copper earthing conductors including termination,bracing the joints etc. as per standards - from UPS - to earth bench - to copper plate erth	m		
20	Supply and laying of 2x10 SWG bare copper earthing conductors including termination,bracing the joints etc. as per standards along power cable	m		

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21	Supplying all materials ,Wiring for board light point controlled by 10A ELCB using 2 runs 4 sqmm 1100V FRLS PVC insulated Coper conductor and earthing with 4 sqmm pvc insulated green Copper wire continuously run through 25 mm PVC conduit as per IS giving inter connection etc complete as required. Rate shall be for the average length from DB to the board light . No claim for additional wire and conduit. (Board Light point for ATM	no		
	Total for ATM			

	SUMMRY				
I	DB+ WIRING FOR LIGHT, FAN, PLUG, SOCKETS, UPS & KSEB EARTHING OF BRANCH				
II	TELEPHONE				
III	ATM				
IV	Dismantling Existing fittings, wiring after stage wise progress of work and stocking of serviceable material and disposal of unserviceable material from the site as directed by the bank official. And Making Temporary arrangement for UPS point, lighting and fan, data points for smooth banks functioning including cost of materials. (if any)	1	LS		
	TOTAL AMOUNT				

(Rupees.....

.....Only)