

CANARA BANK

INVITATION TO TENDER

ONLY FOR EMPANEL CONTRACTORS FOR

ELECTRICAL WORKS (CATEGORY A,B,C ONLY)

OF

CIRCLE OFFICE GUWAHATI

TENDER FROM ANY OTHER CONTRACTOR WILL BE SUMMARILY REJECTED

INSTRUCTION TO BIDERS AND

GENERAL CONDITIONS OF CONTRACT

FOR

ELECTRICAL WORKS

AT

CANARA BANK – MORIANIGRANT Branch, Assam

TENDER NO.: 012/26-27/SP

NAME OF THE CONTRACTOR:

.....

ADDRESS:

.....

Internal

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NOTICE INVITING THE TENDER

To,

M/s

Sealed tenders on item rate basis are invited from panel Contractors for **Electrical Works at MORIANIGRANT BRANCH, ASSAM**. Tender Documents may be obtained at free of cost from the General Administration Section, Circle Office Canara Bank, Guwahati during working hours from **27-07-2026 till 01-08-2026**

Earnest Money Deposit : NIL

Period of completion : 30 days

**Last date, time and place for Submission of tender : On or before 4 pm, 01-08-2026 to
The Asst. General Manager,
General Administration Section
Canara Bank, Circle Office
Guwahati**

Time and date of opening of tender : 11.30 am on 03-08-2026

The Bank will not be bound to accept the lowest tender and reserves the right to accept or reject any or all the tenders without assigning any reason whatsoever.

**Asst. General Manager
General Administration Section
Canara Bank, Circle Office
Guwahati**

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Date: 27-07-2026

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SPECIAL CONDITION OF THE TENDER/CONTRACT

- 1. The work shall be executed in a running Bank Branch/ATM. The contractor shall plan and execute the work in such a manner that, under no circumstances, shall the normal functioning of the Branch and/or ATM be disrupted or hampered. Any interruption to banking operations attributable to the contractor shall be viewed seriously, and the contractor shall be solely responsible for any consequences arising therefrom.**
- 2. The successful bidder/vendor shall ensure that neither the contractor nor any labourers/workers engaged by them stay overnight or use the Bank's Branch/ATM premises for residential, resting, or accommodation purposes under any circumstances.**
- 3. All works shall be carried out strictly during the Bank's normal banking hours unless prior written permission is obtained from the Bank for execution beyond banking hours.**
- 4. The vendor shall be solely responsible for ensuring strict compliance with the above conditions by all personnel deployed at the site. Any violation of these conditions shall be treated as a breach of contract and may result in termination of the contract, forfeiture of the Security Deposit/Performance Security, and any other action deemed appropriate by the Bank.**

GENERAL RULES & INSTRUCTIONS TO TENDERERS

Name of the work: Electrical Works to be carried out at MORIANIGRANT BRANCH, ASSAM.

The rates quoted shall also be inclusive of materials, labour charges, work contract tax, surcharge and all the taxes except GST.

GST WILL BE PAID EXTRA.

The rates quoted by the tenderer shall hold good till the completion of the work from the date of issue of the "WORK ORDER" and no enhancement in the rates are allowed during the period of execution of the work under any circumstances. The rates quoted shall also cover for the work to be executed before and after office hours and also on holidays.

The time stipulated for the completion of the work is 30days from the date of issue of the WORK ORDER and the work is to be carried out as per the convenience of occupants without disturbing other occupants of the building.

TENDERS:

The entire set of tender paper issued to the tenderer should be submitted fully priced and also signed on the last page together with initials on every page. Initials / signatures will indicate the acceptance of tender papers by the tenderers.

The schedule of quantities shall be filled in as follows:

- The "rate" column to be legibly filled in ink in both English figures and words.
- 'Amount' column to be filled in for each item and the amount for each sub-head as detailed in the "schedule of quantities".
- All corrections to be initialed.
- The "Rate" column for all the items shall be filled up.
- The "Amount" column for the items for which the quantities are not mentioned shall not be filled up.
- In case of any errors / omissions in the quoted rates, the rates mentioned in the tender in words shall be taken as correct rates.

No modifications, over-writings or corrections can be made in the tender papers by the tenderer, but may at his option offer his comment or modifications in a separate sheet of paper attached to the original tender papers.

The Bank reserves the right to reject the lowest or any tender or all of the tenders for each section or to split up and distribute any item of work to any specialist firm or firms, without assigning any reason.

The tenderers should note that tender is strictly on the item rate basis and their attention is drawn to the fact that the rates for each and every item should be correct, workable and self – supporting. If called upon by the bank, detailed analysis of any or all the rates shall be submitted. The architects/bank shall not be bound to accept the contractor's analysis.

The Quantity mentioned in the BOQ is approximate measurements. The works will be paid for as "measured work" on the basis of actual work done and not as "lump sum" contract.

All the items of work described in the schedule of quantities are to be deemed and paid as complete works in all respects and details including preparatory and finishing works involved, directly, related to and reasonably detectable from the drawings, specifications and schedule of quantities and no further extra charges will be allowed in this connection. In the case of lump-sum charges in the tender in respect of an

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item of works, the payment of such items of work will be made for the actual work done on the basis of lump-sum charges as assessed to be payable by the architects/bank.

The bank has power to add or delete any work or described in specifications or included in schedule of quantities and intimates the same in writing but no addition, omissions or variation shall be made by the contractor without authorization from the bank. No variation shall vitiate the contract. The bank reserves the right to delete any of the items in the tender without assigning any reasons whatsoever.

The tenderer shall note that his tender shall remain open for consideration for a period of 90 days from the date of opening of tender.

AGREEMENT

The successful contractor is required to sign agreement as may be drawn up to suit the local conditions and shall pay for all the stamps and legal expenses incidental thereto. The original will be kept with the Bank and duplicate with contractor.

EARNEST MONEY AND SECURITY DEPOSIT:

There is NO Earnest Money Required to deposit/ submit along with the bids. Retention Money shall be deducted from the final bill at 5% of the gross value of bill. The Retention amount will be refunded to the contractor 15 days after the end of defects liability period (one year) provided he has satisfactorily carried out all the work and attended to the entire defect in accordance with the condition of the contract. No interest is allowed on Retention Money.

A part of the Security Deposit if and as decided by the constituent bank can also be furnished in the form of a Bank Guarantee on the bank other than that of the constituent bank.

CONTRACTOR TO PROVIDE EVERYTHING NECESSARY:

The contractor shall provide everything necessary for the proper execution of the work according to the intent and meaning of the drawings, schedule of the quantities and specifications taken together whether the same may or may not be particularly shown or described therein provided that the same can reasonably be inferred there from and if the contractor finds any discrepancies therein he shall immediately and in writing, refer the same to the Architects/Bank whose decision shall be final and binding.

The rates quoted against individual items will be inclusive of everything necessary to complete the said items of works within the contemplation of the contract, and beyond the unit price. No extra payments will be allowed for incidental or contingent labour and/or materials inclusive of all taxes and duties whatsoever except for specific items, if any, stipulated in tender documents

The contractor shall supply, fix and maintain at his own cost, for the execution of any work, all tools, tackles, machineries and equipments and all necessary scaffolding, staging and lighting by night as well as by day required not only for proper execution and protection of the said work.

The contractor shall take down and remove any or all such scaffoldings as occasion shall be required or when ordered to do so, and shall fully reinstate and make good all matters and things disturbed during the execution of work to the satisfaction of architect/bank.

The contractor shall all times give access to workers employed by the bank or any men employed at site and to provide such parties with proper sufficient and if required, special scaffolding and ladder and provide them lighting as may be required to enable such workmen to inspect the work, lay or fix pipes, Civil & furnishing wiring, special fittings etc. The quoted rates of tenderers shall accordingly include all these above-mentioned contingent works.

LIQUIDATED DAMAGES:

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Should the work be not completed to the satisfaction of bank within the stipulated period, the contractor shall be bound pay the bank a sum calculated as given below by way of Liquidated Damages after the expiry of completion date

1.00% of the estimated amount shown in the tender per week subject to a ceiling of 10% of the accepted contract sum.

TIME PERIOD FOR COMPLETION: 30 days from the date of award of work.

FINAL PAYMENTS

The final bill shall be accompanied by a certificate of completion from the Occupant/Bank Officials. Payments of the final bill shall be made after deduction of retention money as specified in clause 9 of these conditions which sums shall be refunded after the completion of the defects liability period after receiving the banks certificate that the contractor has rectified all defects to the satisfaction of the banks. The acceptance of payments of the final bill by the contractor would indicate that he would have no further claims in respect of the work executed.

ESCALATION:

The rates quoted shall be firm throughout the tenure of the contract [including extension of time, if any granted] and will not be subject to any fluctuation due to increase in cost of materials, labour, sales tax, octroi etc, unless specifically provided in these documents.

CONTRACTORS EMPLOYEES:

The contractor shall employ technically qualify and competent supervisors for the work who shall be available [by turn] throughout the working hours to receive and comply with the instructions of the bank officials. The contractor shall engage at least one experienced engineer, as site in-charge for the execution of the work the contractor shall employ in connection with the work persons having appropriate skill or ability to perform their job efficiently. The contractor shall employ local labours on the work as far as possible. No laborers below age of 16 and who is not an Indian national shall be employed on the work. Any laborers supplied by the contractor to be engaged on the work on day-work basis either wholly or partly under the direct order or control of bank or its representative shall be deemed to a person employed by the contractor.

The contractor shall comply with provision of all labour legislation including the requirements of

- a. Payments of minimum wages act
- b. Employers liabilities
- c. Workmen's compensation act
- d. Contract labour (regulation and abolition) act, 1970 and central rules 1971
- e. Apprentices act 1961
- f. Any other act or enactment relating thereto and rules framed there under from time to time

The contractor shall keep the bank saved harmless and indemnified against claims if any of the workmen and all costs and expenses as may be incurred by the bank in connection with any claim that may be made by any workmen.

The contractor shall comply at his own cost with the order of requirement of any health officer of state or any local authority or of the bank regarding the maintenance of proper environmental sanitary condition of the area.

The contractor shall arrange to provide first aid treatment to the laborers engaged on the works. He shall within 24 hrs of occurrence of any accident at or about the site or in connection with execution of work, report such accidents to the bank and also the competent authority where such report is required by law.

The contractor shall obtain all Risk Insurance Policy at their cost within 7 days of commencement of work, for the laborers/workmen working at the site including the work till the work is completed. The policy shall be in the joint name of the Bank and contractor and Bank's name shall appear First.

PAYMENTS:

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The contractor, in the form prescribed by the bank shall prepare all the bills and submit the same to Bank with measurement of work. Normally one interim bill shall be prepared each month. Bank may release payment within 15 days of receipt of bills/after check measurement, after deduction of retention money, Income Tax etc. The contractor shall have a competent engineer at site for the supervision of the work.

The contractor shall have to make his own arrangements for watch and ward of the work/building, till the work is handed over to the bank.

The decision of the bank will be final and binding with regard to the quality of work is concerned.

The contractor is responsible for procuring the required materials for the work and stores the same at site at his cost and risk.

The amount stated in the interim certificate shall be the 75% of total value of the work executed up to date of the bill, less the amount to be retained by the bank as retention money. If the bank has supplied any materials or goods to the contractors, the cost of such materials will be progressively deducted from the amount due to the contractor on accordance with the quantities consumed in the work. All the interim payments shall be regarded as payments by way of advance against the final payment only and not as payments for works actually done and completed and shall not preclude the requiring of bad, unsound or imperfect or unskilled work to be removed and taken away and reconstructed or re-erected or be considered as an admission of the due performance of the contract or any part thereof if any respect or accruing of any claim nor shall it conclude, determine of effect in any way the power of the bank under conditions or any of them add to the final settlement and adjustment of the accounts or otherwise or in any other way or affect the contract.

The contractor shall submit the final bill within one month from the date of completion of the work. A certificate of completion from the bank shall accompany the final bill. The payment of the final bill shall be made after deduction of retention money as specified elsewhere in these documents.

ARBITRATION:

All disputes or differences of any kind whatsoever which shall at any time arise between the parties here to touching or concerning the works or the execution or maintenance thereof of this contract or the rights touching or concerning the works or the execution of maintenance thereof of this contractor or the construction remaining operation or effect thereof or to the rights or liabilities of the parties are arising out of or in relation thereto whether during or after determination foreclosure or branch of the contract [other than those in respect of which the decision of any person is by the contract expressed to be final and binding] shall after written notice by either party to the contract to the other of them and to the employer hereinafter mention to deal referred for adjudication to a sole arbitrator to be appointed as hereinafter provided.

For the purpose of appointing the sole arbitrator referred to above, the employer will send within 30 days of receipt of the notice, to the contractor a panel of 3 names of persons who shall be presently unconnected with the organization for which the work is executed.

The contractor shall on receipt of the names as aforesaid, select, anyone of the person's name to be appointed as a sole arbitrator and communicate his name to the employer within 30 days of the receipt of the names. The employer shall thereupon without any delay appoint the person as the sole arbitrator. If the contractor fails to communicate such selection as provided above within the period specified, the competent authority shall make the selection and appoint the selected person as the sole arbitrator.

If the employer fails to send to the contractor the panel of 3 names as aforesaid within the period specified, the contractor shall send to the employer a panel of 3 names of persons who shall be unconnected with either party. The employer shall on receipt of the name as aforesaid select anyone of the person's names and appoint him sole arbitrator. If the employer fails to select the person and appoint him as a sole arbitrator within 30 days of the receipt of the panel and inform the contractor accordingly, the contractor shall be

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entitled to appoint one of the persons from the panel as the sole arbitrator and communicate his name to the employer.

If the arbitrator as appointed is unable or unwilling to act or resigns his appointment or vacates his office due to any reason whatsoever another sole arbitrator shall be appointed as aforesaid.

The work under contract shall, however, continue during arbitration proceedings and payment due or payable to the contractor shall be withheld on account of such proceedings.

The arbitrator shall be deemed to have entered on the reference the date he issued notice to both the parties fixing the date of the first hearing.

The arbitrator may from time to time, with the consent of parties, enlarge the time or making and publishing the award.

The arbitrator shall give a separate award of each disputes or difference referred to him. The arbitrator shall decide each dispute in accordance with the terms of the contract and give a reasonable award. The venue of arbitration shall be such place as may be fixed by the arbitrator in his sole discretion.

The fee, if any, of the arbitrator shall, if required to be paid before the award is made and published, be half and half by each of the parties. The cost of the reference and of the award including the fees, if any, of the arbitrator who may direct to and by whom and in what manner, such costs or any part thereof shall be paid and may fix or settle the amount of costs to be so paid.

The award of the arbitrator shall be final and binding on both the parties.

Subject to aforesaid the provision of the arbitration act 1940 or any statutory modification or re- enactment thereof and the rules made there under, and for the time being in force, shall apply to the arbitration proceeding under this clause.

The employer and the contractor hereby also agree that arbitration under the clause shall be a condition precedent to action under the contract with regard to the matters hereby expressly agreed to be so referred to arbitration.

Date:

Signature of the Contractor
With seal and address

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LIST OF PREFERRED MAKE / BRAND ALL WORKS

Sr.No.	LIST OF NOMINATED MATERIALS & SUPPLIERS	SUGGESTED MAKE LIST
1	ELECTRICAL	
	Light Fittings	Philips / Wipro / Havells / Crompton G.
	MCCB, MCB, RCCB, DB, ICTPN TP, HRC Fuse, change over switch, switch fuse Unit	L&T, ABB, Legrand, Havells, Schneider
	FRLS insulated Elec. Wire/ cable armoured, unarmoured, Sheathed, unSheathed, flexible LT cable, Multi core, single core cable, flat cable	Finolex/Ploycab/Havells/RR kabel/KEI
	PVC conduit(HEAVY DUTY ONLY)	CAP/Finolex/Polycab
	PVC insulated copper conductor Wires	Finolex/ Polycab/RR Cable /Havells
	Distribution Box	Legrand/ Schneider/ Havells /Siemens
	MCB & MCCB	Legrand/ Schneider/ Havells /Siemens/L&T
	Light Fixture & Lamps	Philips/ Wipro / Havells / Crompton G.
	HT cable	Polycab/Havells
	Modular Switches	ABB/ Legrand/ MK/ANCHOR/ Havells /ROMA
	DLP Trunking	Legrand/Schneider or equivalent
	Power cable	CCI/ Skytone/ Universal/ LAPP/ Torrent
	End Termination	Raychem/ Mahindra/ELMEX
	PANEL	Crompton/L&T/C&S
	Fan	Crompton/Havells/Bajaj/Usha
	Raceway & Alu. Trunking	Tata/Jindal/Zenith
	Casing Caping	Finolex/Cap or equivalent
	Weather proof socket outlet with MCB	ABB/MDS/LEXIC/Neptune/Elcon- Clipsil, Siemens, Schneider (Merlin Gerin)
	Miniature Circuit Breaker	ABB/MDS/LEXIC/ Clipsil/Siemens/ Havells
	Earth Leakage Circuit Breaker	MDS/LEXIS/Siemens/ Havells
	MCB Distribution Boards in sheet steel housing (double door)	ABB/MDS/LEXIC/Siemens/ Havells
	Telephone Cable	Skytone/ Delton/ NICCO/Polycab/Finolex
	Switch, TV & Telephone socket & boxes (Modular Type)	CPL/Legrand/ABB/Anchor
	Steel Conduit	BEC/Precision/Universal/VIP/ Prestoplast/Aeroplast
3	Miscellaneous Items	
	Lightning Protection Unit	Erico/ Pheonix/ INDELEC
	Relays	L&T/ABB/Siemens/BCH
	Contractors	L&T/ GE Power/BCH/ Siemens/ABB
	Changeover switch	C&S/Havells/ L&T/HPL
	KWH, PF, Frequency meter	BHEL/ AE/Havells/ L&T/ALSTOM
	Push Buttons	L&T/ Siemens
	Timers	L&T/ Legrand/ Schneider/Siemens/GE
	Timer Switch	L&T/ Legrand/ Schneider/Siemens/GE
4	Networking	
	Switches	Brocade/Cisco/DigiLink/3Com/Nortel/Foundry/D-Link
	Patch Panel, Patch cord and I/o	Digi-Link / Tyco(AMP) /Schneider/D-Link
	Cable	Digilink/Clipser/National/Polycab/Lapp/Finolex
	Racks	ComRack / HCL / ValRack / APW President

NOTE: The contractor shall use only above mentioned material. The tenderers shall take this into account while tendering rates / prices.

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BOQ FOR ELECTRICAL AND LAN WORKS FOR CANARA BANK MORIANIGRANT BRANCH						
ELECTRICAL WORKS						
sl. No.		Description of Item	UNIT	QTY	RATE	AMOUNT
1		Distribution System.				
		Supply, Installation, Testing and Commissioning of Factory Manufactured Single/Three Phase & Neutral Double Door Distribution board made out of 16 SWG sheet steel enclosure, IP 43, with cutouts for operating MCB/MCCB/RCCB etc. knobs & consisting of Phase, Neutral & Earth Busbars with tapped holes, phase barriers, & covers with removable plates on Top & bottom for Incoming & Outgoing Cables. D.B.'s shall be flush mounting type for single/three phase. Note: VTPN DB and All DB to be fixed in UPS Room.				
	a	63Amp 4Pole MCCB 415V, in Sheet Steel Enclosure for main switch near meter cabin/panel board (Make of L&T/Legrand/ Schneider)	No.	1		
	b	63A 4P on load changeover switch in Sheet Steel Enclosure (Make L&T/HPL)	No.	1		
	c	MAIN DISTRIBUTION BOARD: (VTPN DB)	No	1		
		SITC of 6 Way VTPN Double Door Vertical MCB Distribution Board with following MCCB/MCB/RCCB & cable end boxes at Input & Output. Make of Legrand's/L&T/Schneider only				
		Incomer:				
		63Amp 4Pole MCCB, (25kA)- 1 No. (Adjustable & Fixed Thermal Magnetic type)				
		Outgoing:				
		SITC of 40A SP MCB-for Light & Raw DB- 2 Nos.				
		SITC of 40A SP MCB-for UPS Input Power- 2 Nos.				
		SITC of 63A 3 Pole MCB-for AC Power DB -1				
		SITC of 32A SP MCB-for Glow Sign Board-1No.				
	d	LIGHT DB/RAW POWER:	No	2		
		SITC of 12Way SPN Double Door MCB Distribution Board with following MCB/RCCB & cable end boxes at Input & Output.				
		Incomer:				
		40Amp DP MCB-1No. D-Curve 10kA				
		Out going:				

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		6/10Amp S P Amp MCB--10 Nos				
	e	AC POWER DB:	No	1		
		SITC of 4Way TPN MCB DB Double Door Distribution Board with Following MCB/RCCB & Cable end Boxes at Input & Output.				
		Incomer:				
		63Amp 4 Pole MCB-1 No. D-Curve 10kA				
		Outgoing:				
		16/32 Amp SP Amp MCB--6 Nos				
	f	UPS POWER DB: (For BRANCH COMPUTER)	No	1		
		SITC of 8Way SPN Double Door MCB Distribution Board with following MCB/RCCB & cable end boxes at Input & Output.				
		Incomer:				
		40Amp DP MCB-1No. & <u>32 Amp DP R.C.C.B.- 1No. (30mA)</u>				
		Outgoing:				
		6/10 Amp S.P. M.C.B. – 6 Nos				
	g	UPS POWER DB: (For SERVER/CCTV/FIRE ALARM/BURGLER)	No.	1		
		SITC of 6Way SPN Double Door MCB Distribution Board with Following MCB/RCCB & Cable end boxes at Input & Output				
		Incomer:				
		32Amp DP MCB -1no.				
		Outgoing:				
		6/10Amp S P MCB--4nos				
1	h	SITC of 40Amp DP Change Over Switch for Bypass Raw power connection to UPS (When not Backup/not working UPS)	No.	1		
	i	SITC of Modular 16 Amp SP MCB with 16 A socket outlet in Metallic box for inverter input.	No.	1		
	J	SITC of 32/40 Amp. DP MCB in Metallic box for input/output-1 Extra for ATM Ups Power	No.	4		
2		Light Point/Fan Point/Call Bell Point wirings				

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		Wiring with I.S.I. marked 1.1 KV grade 2 x 1.5 Sq.mm + 1 x 1.5 sq.mm (Green for earth) multi-strand F.R.L.S. Copper P.V.C. wires in 19/25 mm Medium grade I.S.I. marked M.S. Conduit pipe to be laid on wall/above false ceiling/Through Modular Furniture slots etc. complete with all conduit accessories like bends, tees, Junction boxes with necessary hardware etc. including re-surfacing of the floor/wall etc. wherever necessary with Resurfacing material for Lights, fans, exhaust fans, 6Amps socket outlets etc. Point wiring to include cost of Installation, Testing, Commissioning and fixing of switch, socket, ceiling rose, boxes, plates including all accessories and Circuit wiring with 2x2.5 sq.mm +1x1.5 sq.mm (Green for earth) copper wire to be laid on wall/above false ceiling including all accessories complete. <u>NB: All Conduit wiring to be properly fixed on Ceiling /Wall with GI bar saddle, not allowed to considering for hanging/laying on false ceiling structure without prior permission of Bank Engineer/Architect.</u>				
	a	Single Light point controlled by 6 Amp switch.	Pts	25		
	b	Secondary loop points	Pts	25		
	d	Call Bell Buzzer (Ding Dong) controlled by 6 Amp Bell Push switch.	Pts	1		
	e	6 A, 3/5 Pin combination type socket with switch on same lighting switch board.	Pts	4		
	d	Ceiling Fan, Points with modular type 6A Switch and Regulator	Pts	2		
	e	Wall Fan & Exhaust Fan (in existing holes) Points with 6A socket near Fan and switch on lighting switch board.	Pts	14		
3		Raw Power, UPS Power, AC Power Point and CCTV/Server/Fire Alarm/Burglar points				

	a	Supply, Installation, Testing and Commissioning of 1 Nos. 6/16 Amp 5 Pin Sockets controlled by one 16 Amp switch complete with Flush surface PVC Box/plate for Raw Power On Work-Stations including M.S Conduits_pipe wiring with 2x2.5 sq.mm + 1x1.5 sq.mm Cu (Green for earth) multistrand conductors with all accessories as necessary complete inclusive Power Point of Induction Heater/Xerox/Equaguard etc.(Only 2 tables served by one circuit from UPS DB.	Pts	10		
	b	Supply, Installation, Testing & Commissioning of 2 Nos. of 6 Amp 5 Pin Sockets + 1No. 16A, Socket controlled by one 16 Amp switch complete with flush surface PVC Box/plate for UPS power on work stations including M.S Conduits_pipe wiring with 2x2.5 sq mm + 1x1.5 sq mm Cu (Green for earth).	Pts	10		
	c	Supply, Installation, Testing and Commissioning of 5Nos. 6/16 Amp 5 Pin Sockets controlled by 2nos. 16 Amp switch complete with Flush PVC Surface Box & plate for CCTV/Server Power Point On Work-Stations including M.S Conduits pipe wiring with 2x2.5 sq.mm + 1x1.5 sq.mm Cu (green for earth) multistrand conductor with all accessories as necessary complete.	Pts	2		
3	d	Supply, Installation of Air-Conditioner point with 16A, sockets housed in a Modular PVC switch box and 25A, Modular starter housed in a separate Modular box with face plate as required complete including M.S. Conduits pipe wiring with 2x4 sq.mm +1x2.5 sq.mm Cu (Green for earth) multistrand conductors with all accessories as necessary complete NB: Single line will be laying from VTPN DB to near AC indoor unit and not allowed to common with another points.	Pts	5		
4		SUB-MAIN WIRING				
		Supply, Installation, Testing and Commissioning of with 1100 V grade PVC insulated multi stand FRLS copper conductor cable confirming IS 694 through 25 mm dia rigid PVC conduit pipe on wall with GI bar saddle , interconnection, painting, making good to all damages etc. as required to be complete in all respect wherever required.				

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	a	With 2 X 2.5 Sq.mm. + 1x1.5 sq.mm (Green for earth) as wherever required	Mtr	25		
	b	With 2 X 6 Sq.mm. + 1 x 2.5 sq.mm (Green for earth) From VTPN DB to LDB/Raw DB/UPS DB and Input & Output connection as wherever required	Mtr	30		
	c	With 2x4 Sq.mm +1x2.5 sq.mm (Green for earth)	Mtr.	20		
	d	With 4 Core x 25 sq.mm Armoured Aluminum U.G. cable (Laying from SEB Meter/Main switch to Main DB/Panel Board of Branch premises)	Mtr	20		
5		MASTER SWITCH: (Fire Safety Device System) Placed near entrance of the Branch.				
	a	Supply installation Testing & commissioning of Master Switch near entrance of branch for POWER OFF the LDB/Raw DB, AC DB & Branch Computer DB while closing the branch with 1x63A, 4P MCB, 3x40A, DP MCB,3x6A, SP MCB and surface type PVC box made LED type Pilot lamps Red/Yellow/ Blue for indication & wiring with 2x1.0 sqr.mm Cu wire for connect LED indicator from LDB/Raw DB/UPS DB.	No.	1		
	b	With 2x4 sq.mm copper wire laying from Master switch to LDB/Raw DB /UPS DB/ Inverter DB for incoming/Outgoing 3 circuit	Mtr.	60		
	c	With 4 x16sq.mm Alumn. Cable laying from VTPN DB to Master Switch for Incoming/ Outgoing conection to AC power DB.	Mtr.	36		
	d	SITC of 11 KV grade Rubber Mat placed near by UPS/Panel Board of standard size.	Nos.	2		
	e	SITC of Shock Treatment Chart Fixed at a suitable place of Branch Premises.	No.	1		
6		LIGHTING FIXTURES :				
	a	Supply, installation and testing of 36W recessed mounted 2ft x2ft LED Panel ultra modern Slim luminaire With High performance LED of Havels/Philips/ Wipro make as directed by the Bank Engineer/Architect.	Nos.	16		

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	b	Supply, installation and testing & commissioning of Recess type 15W LED downlighter of Havels/Philips/ Wipro make as directed by the Bank Engineer/Architect.	Nos.	16		
	c	Supply, installation and testing & commissioning of Surface type 15W LED downlighter.	Nos.	4		
	d	Supply, Installation, Testing and commissioning of 20 W LED Batten Tube Light suitable for Surface, Wall & Conduit mounting (with accessories) Havels/Philips/ Wipro make as directed by the Bank Engineer/Architect.	Nos.	8		
	e	Supply, Installation, Testing and commissioning of 10 W LED Batten Tube Light suitable for Surface, Wall & Conduit mounting (with accessories)	Nos.	4		
7		Ceiling Fan / Wall (Cabin Fan) / Exhaust Fan:				
	a	Supply, Installation, Testing and Commissioning of 1200mm sweep Ceiling Fans with connection of make Orient Model SUMMERKING (XI Aluminium Blades) or equivalent with all accessories.	No	2		
	b	Supply, Installation, Testing and Commissioning of 300mm sweep Exhaust Fans with connection. Make of Orient/Crompton greaves.	No	4		
	c	Supply, Installation, Testing and Commissioning of 400mm dia PVC Body Wall Fan with Thermal Overload Protection with inbuilt thermostats make of Orient (Finster, wall 45) or other equivalent approved make as directed by the Architect/Banks Engineer.	No	10		
8		EARTHING SYSTEM:				

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	a	Earthing with Copper Earth plate 600 mm x 600mm x 3.15 mm thick including accessories with IS specification and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal or coke and salt complete as required. Note: (1 No. Earthing for Networking System) <u>EARTHING TEST CERTIFICATE SHOULD BE SUBMITTED ALONGWITH THE FINAL BILL FOR FURTHER PROCESsing OF THE BILL</u>	No	2		
	b	SITC of 8 SWG coper earth wires in Conduit to be taken from Earth Pit directly to the UPS room and connected to UPS Output D.B. and VTPN/Raw power DB	No.	60		
	c	SITC of 25 x 3mm copper strip for connecting of earth pit.	Mtr.	6		
		MISCELLENIOUS MATERIALS.				
9	a	Supply, Installation, Testing and Commissioning of Point with Timer for Branch Glow Sign Board whose location may be decided in consultation with Branch Head.	No	1		
	b	Dismantling of existing wiring, MCB/Light/Fan Fittings etc and removing the same from the site and arrangement of Temporary connection of Lighting/UPS line wiring/LAN cabling and etc. etc. during the branch renovation period.	No.	1		
10		WIRING FOR LAN-DATA WORK:				
		Supply & laying of Lan-Data wires in PVC casing/conduit pipe at the place directed by the Architect and terminating with CAT-6 IO with RJ-45 terminals for data/ RJ-11 terminals for Data/ voice points. Rates shall be inclusive of Supply and fixing of RJ 45 outlet with end to end terminations, face plate & I.O box and other shall be connected to female connector in IO box) . (D- Link make only)	Mtr.	350		
	a	CAT-6 IO (Information outlet), Single Face plate with PVC SMB	Nos.	10		
	b	SITC of 1 mtr Cat-6 UTP patch cord	No.	2		
	c	SITC of 2 mtr Cat-6 UTP patch cord	No.	10		
	d	SITC of 12U Wall mounted Networking Rack with Tray/Cable manager and proper dressing of cales make of Volrack/D-Link.	No.	1		

		BOQ FOR ELECTRICAL AND LAN WORKS FOR CANARA BANK TITABAR ATM				
1		RAW POWER/UPS POWER DB: (For ATM)	No.	2		
		SITC of 6Way SPN Single Door MCB Distribution Board with following MCB/RCCB & cable end boxes at Input & Output. Incomer: 32 Amp DP MCB- 1 No.- 1 No Outgoing: 6/10 Amp S.P. M.C.B. - 4 Nos				
2		Light Point/Raw Power Point/UPS Point wirings				
		Wiring with I.S.I. marked 1.1 KV grade 2 x 1.5 Sq.mm + 1 x 1.5 sq.mm (Green for earth) multi-strand F.R.L.S. Copper P.V.C. wires in 19/25 mm Medium grade I.S.I. marked M.S. Conduit pipe to be laid on wall/above false ceiling/Through Modular Furniture slots etc.				
	a	Single Light point controlled by 6 Amp switch. (Short point)	Pts	4		
	b	Secondary loop points	Pts	3		
	c	6A, plug point wiring when fix on same SB	Pts	1		
3		Raw Power + UPS Power, Power Points & AC Points				
	a	Supply, Installation, Testing and Commissioning of 1 Nos. 16 Amp 5 Pin Sockets controlled by one 16 Amp switch complete with Flush surface plate for Raw Power On Work-Stations for UPS input/output .	Pts	2		
	b	Supply. Installation .Testing &.Commissioning .of 3 Nos of 6/16 Amp 5 Pin Sockets controlled by one 16 Amp switch complete with flush surface plate for UPS power on work stations including PVC Conduits pipe wiring with 2x2.5 sq mm + 1x1.5 sq mm Cu (green for earth) multistrand conductors with all accessories as necessary complete. . (Only 2 tables served by one circuit from UPS DB/Not more than 2 points shall be permitted per loop)	Pts	1		
	c	Supply, Installation of point for Air-Conditioner with 16A, sockets housed in a Modular PVC switch box and	pts	2		

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		25A, Modular starter housed in a separate Modular box with face plate etc. as required complete including Conduits pipe wiring with 2x6 sq.mm +1x2.5 sq.mm Cu (Green for earth) multistrand conductors with all accessories as necessary complete (Short Point)				
4		SUB-MAIN WIRING				
	a	With 2x2.5 Sq.mm +1x1.5 sq.mm (Green for earth)	Mtr.	10		
	b	With 2 X 6 Sq.mm. Copper wire laying from Meter to ATM Room	Mtr.	25		
5		LIGHTING FIXTURES :				
	a	Supply, installation and testing of 36W recessed mounted 2ft x2ft LED Panel ultra modern Slim luminaire With High performance LED of Havels/Philips/ Wipro or other equivalent approved by the Bank Engineer/Architect.	No.	1		
	b	Supply, installation and testing & commissioning of Recess type 15 W LED downlighter of Havels/Philips/ Wipro or other equivalent approved by the Bank Engineer/Architect.	No.	6		
	c	Supply, Installation, Testing and commissioning of 20 W LED Batten Tube Light suitable for Surface, Wall & Conduit mounting (with accessories) Havels/Philips/ Wipro or other equivalent approved by the Bank Engineer/Architect.	No.	1		
6		EARTHING SYSTEM:				
	a	Earthing with Copper Earth plate 600 mm x 600mm x 3.15 mm thick as per IS specification including all accessories with charcoal or coke and salt complete as required as directed by the Architect.	No.	1		
	b	Supplying and laying of 1x8 SWG copper earth wire from earth pit to ATM Room.	Mtr.	20		
7		<u>MISCELLENIOUS MATERIALS.</u>				
			No.	1		

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		Supply, Installation, Testing and Commissioning of Point with Timer for Branch Sign Board whose location may be decided in consultation with Branch Head.				
8		WIRING FOR LAN-DATA WORK:				
		Supply & laying of Lan-Data wires in PVC casing/conduit pipe at the place directed by the Architect and terminating with CAT-6 IO with RJ-45 terminals for data/ RJ-11 terminals for Data/ voice points. Rates shall be inclusive of Supply and fixing of RJ 45 outlet with end to end terminations, face plate & I.O box and other shall be connected to female connector in IO box) . (D- Link make only)	Mtr.	15		
	a	CAT-6 IO (Information outlet), Single Face plate with PVC SMB	Nos.	2		
	c	SITC of 2 mtr Cat-6 UTP patch cord	No.	2		
	d	Extra Cat-6 LAN cable laying from Branch Server to ATM Room	Mtr.	60		
(A)	TOTAL WORK AT BRANCH & ATM					
(B)	DISMANTELLING INCLUDING PROVIDING TEMPORARY ARRANGEMENT FOR SMOOTH FUNCTIONING OF BRANCH & BUY BACK OF ALL ELECTRICAL ITEMS		JOB	1		
	Dismantelling of all Electrical wires, fittings, switch gears etc. all complete including provideing temporary arrangement during renovation of the branch as and where required and Buy Back of all switches, sockets,wires,cables,etc. all complete as related to electrical and LAN cabling works, which are not being proposed for re-use in the branch.					
	GRAND TOTAL OF ELECTRICAL & OTHER RELATED WORKS (A-B)					

Note: Lowest of Grand Total i.e. (A-B) will be the successful bidder

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