



Operations Department,
Regional Office- Kanpur
117/H-1/240 Pandu Nagar, Kanpur-208005
Tel+91 512 2217517

**NOTICE INVITING TENDER FOR ELECTRICAL, DATA CABLING
& AC WORKS AT HAMIRPUR BRANCH KANPUR**

Union Bank of India invites sealed tenders from empanelled Electrical, Data Cabling Contractors for above works at Bank's premises at HAMIRPUR BRANCH KANPUR.

Tender forms can be collected from the undersigned at the above address during working hours from **22.06.2022 to 13.07.2022 up to 2.00 PM** against payment of tender cost of Rs. 500/- (Rupees Five Hundred Only), non-refundable by Pay Order/Demand Draft favoring Union Bank of India payable at Kanpur. The tender document shall also be available during aforesaid period at the Bank's website www.unionbankofindia.com. The last date for submission of tender is **13.07.2022 till 2.00 pm.** The tenders received will be opened on **13.07.2022 at 4.00 pm** at the above address in presence of applicants / their authorized representatives.

The Bank reserves the right to reject any or all applications without assigning any reasons whatsoever.

REGIONAL HEAD
(Regional Office Kanpur)

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GENERAL TERMS AND CONDITIONS OF THE CONTRACT

**UNION BANK OF INDIA
REGIONAL OFFICE, KANPUR
117/H-1/240, Pandu Nagar, Kanpur**

**SUBJECT :- NOTICE INVITING TENDER FOR ELECTRICAL, DATA CABLING & AC WORKS AT HAMIRPUR
BRANCH KANPUR**

ISSUE OF TENDERS FROM 22.06.2022 TO 13.07.2022

LAST DATE OF SUBMISSION 13.07.2022 UPTO 2:00 PM HOURS.

**TENDER OPENING DATE 13.07.2022 TIME 4:00 PM (TENDERS WILL BE OPENED IN PRESENCE OF
CONTRACTING AGENCIES)**

PRICE OF THE TENDER DOCUMENT Rs 500 BY WAY OF DEMAND DRAFT

PLACE OF SUBMISSION:

**UNION BANK OF INDIA
REGIONAL OFFICE, KANPUR
117/H-1/240, Pandu Nagar, Kanpur**

TENDER NOTICE

Subject: NOTICE INVITING TENDER FOR ELECTRICAL, DATA CABLING & AC WORKS AT HAMIRPUR BRANCH KANPUR

1. Sealed item rate tenders are invited by M/s Union Bank of India for REGIONAL OFFICE at 117/H-1/240, Pandu Nagar, Kanpur.
2. The work to be completed within 30 days from 3rd day of the date of acceptance of work order placed by M/s Union Bank of India.
3. The tenderers are required to complete form of tender, price the schedule of quantities and sign each page of tender documents before submission. The completed set is to be enclosed in a sealed envelope addressed to :

**Dy. General Manager
UNION BANK OF INDIA
REGIONAL OFFICE, KANPUR
117/H-1/240, Pandu Nagar, Kanpur**

4. Tenders will be received upto 2:00 pm on 13.07.2022.
5. No tender will be received after the expiry of the time notified for receiving tenders under any circumstances whatsoever.
6. The tender will be opened at 4:00 pm on 13.07.2022 at above address in the presence of authorized representative of contracting agency.
7. Tender shall remain valid for acceptance for a period of 30 days from the notified last date of tender submission.
8. The Bank reserves the right to reject any or all tender received without assignment of any reasons thereof.
9. The tender rate against each item of work / price indicated in the schedule of quantities and rates / price should be indicated both in words and figures. In case of any discrepancy, the rates indicated in words would prevail.
10. The rates quoted against each item of work / price should be for the complete finished item of work and include all labor, material, taxes, overhead, duties, etc. The Bank as per shall reimburse any statutory change in the tax structure after opening of the tender actual.
11. Each tender shall be accompanied by Earnest Money of Rs. 19100/- (Rs. Nineteen Thousand one hundred only) in the form of Pay Order / Demand Draft in favor of Union Bank of India, payable at Kanpur .Tenders without Earnest Money shall be summarily rejected.

12. The earnest money deposited shall not carry any interest and will be refunded to the unsuccessful tenderers. The Bank till completion of the work will retain earnest money paid by the successful contractor.
13. Earnest money paid by contractor shall be forfeited by the Bank if contractor fails to undertake the job if he is communicated about acceptance of his rates.
14. All tenders in which any of the prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected.
15. This tender notice shall form part of the contract documents.

GENERAL CONDITIONS OF CONTRACT

Subject: NOTICE INVITING TENDER FOR ELECTRICAL, DATA CABLING & AC WORKS AT HAMIRPUR BRANCH KANPUR

General Instructions to Contractor

1. Inspection of sites:

The contractor shall visit and examine the site and satisfy as to the nature and correct dimensions of work and facilities for obtaining material and shall obtain generally his own information on all matters affecting the execution of work. No extra charge made in consequence of any misunderstanding or incorrect information on any of these points on the ground of insufficient description will be allowed. All expenses incurred by the contractors in connection with obtaining information for submitting this tender including his visit to site and efforts in compiling the tender shall be borne by the tenderer entertained. and no claims for reimbursement thereof shall be done.

2. Safety Regulations:

The contractor shall take all the necessary precautions while working and to safeguard adjacent property, Bank's property, Bank's employees, and traffic persons

3. Compliance to local laws:

The contractor shall conform to the provisions of any Act of the Legislature relating to the work and to the Regulation of Bye Laws of any authority. He shall also obtain the permission of the Municipality or any other Authorities if required under the existing rules.

4. Site cleaning:

All the rates quoted are inclusive of removal of rubbish / debris collected during the progress of work, rejected material and clearance of site before and after the work is completed. Not more than one truck load shall be stored that to for not more than 3 days. The contractor shall arrange to remove the same immediately. If the contractor is failing to remove the same and the expenses shall be recovered from the contractor and he will not dispute for the expenses so incurred.

5. Vouchers / bills:

Contractor shall upon the request of the Bank furnish bills, invoices, accounts, receipts and other vouchers for all materials brought on site to prove that the material purchased are as mentioned in the specification.

6. Contractor's responsibility:

The work will from time to time be examined by Bank's Architect / Engineer, but such examination shall not in any way exonerate the contractor from the obligation to remedying any defects which may be observed at any stage of the work or after the same is completed.

7. Dismissal from work:

The contractor shall upon the written request of the Bank's Architect / Engineer immediately dismiss from the work any person employed by him thereon, who may in the opinion of the authority be incompetent or misconduct himself and such person shall not be again employed on the work, without the permission of the bank.

8. Order of work, etc.:

Bank reserves the right to fix the order in which the various items of work involved are to be executed. However, the contractor shall be responsible for the completion of the entire job within the item limit specified failing which liquidated damages as mentioned in clause No.49 shall be recovered from the contractor.

9. Commencement of work:

The work must be started within **3 days** upon accepting the work order and the programme for carrying out the various jobs shall be drawn out in consultation with the Bank's Architect / Engineer. Adequate labor force shall be provided to complete the work within the specified period. Proper security aspects should be taken care of by adequate vigilance in view of the importance of the building. Default in compliance with the programmes so finalised shall entail operation of liquidated damages as stated.

10. Subletting the work:

The contractor shall not directly or indirectly sublet the work to other party without written permission from the bank.

11. Quantities of works are provisional:

The quantities mentioned in schedule are provisional and likely to increase / decrease to any extent or may be omitted thus altering the aggregate value of the contract. No claim for loss of profit / business shall be entertained on this account

12. Distribution of work:

The Bank reserve the right to distribute the work for which quotation have been called, among more than one parties, if found necessary. No claim in this respect shall be considered and the contractor agrees to cooperate with other agencies appointed by the bank.

13. Third party damage:

The contractor shall be responsible for all injury to persons, animals, building, building structure, any damage to road, streets, and footpaths and shall rectify it at its own cost.

14. Insurance cover:

All the workers of the contractor as well as his sub-contractor must be properly covered by an Insurance Policy under Workman's Compensation Act and Fatal Accidents Act. The contractor at his own expenses arrange to effect and maintain until the virtual completion of the contract, insurance policy in the joint name of the Bank and the contractor against this risk to be retained by the Bank until the virtual completion of the work, and indemnify the Bank from all the liabilities arising out of such events. In case of delay, contractor shall arrange to extend insurance policy till work is completed.

15. Delay & Extension of time:

All the work should be completed within the specified period in the tender. If the work is delayed due to the reasons beyond the control of the contractor, he should applying to the Bank explaining, therein the reasons for such delays, immediately and if in the opinion of Bank's authorities the delay is justified, the contractor shall be granted extension in time limit.

16. Certificate of virtual completion:

As soon as the work is completed, the contractor shall inform in writing such completion to the Bank's Architect / Engineer who will inspect the work and if satisfied will issue the certificate that the work has been virtually completed and the defects liability period shall commence from the date of such certificate.

17. Defect liability period:

The defects or other faults which may appear during the defect liability period which is 12 months after the virtual completion of the work, arising in the opinion of the bank due to inferior quality of material or bad workmanship not in accordance with the contract, contractor shall make good at his own cost within a reasonable time. In case of default, Bank may employ and pay other agencies to amend and make good such defects and all expenses / damages / losses shall be recoverable by Bank or may be deducted from any money due to the contractor

18. Arrangement of work:

The contractor shall organize the work in such a way that the office users or the nearby public area put to no hardships and the working of the office is not affected. The contractor shall take adequate care during the progress of work to protect the office property like stationery, furniture, etc. In case of any damage, the same shall be made good by the contractor. Contractor is agreed to work after office hours for which no extra cost shall be considered.

19. Stacking of material:

The contractor is not to stack any of his material recklessly so as to endanger the safety of the building and cause any nuisance to the occupants and the public.

20. Extra charges:

It must be clearly understood that all the conditions of contracts are intended to be strictly enforced and that no extra charges in respect of extra work will be allowed unless they are clearly outside the spirit and meaning of the condition and unless such work shall have been ordered in writing.

21. Protection of material and work:

The contractor shall be responsible for storing and watching his own material and protecting the work at his own cost. The contractor and his worker will be allowed to use lift after office hours. However, no paint drums or heavy bag of cement / paint will be allowed to be taken into the lift. Any damage / spoiling of lift / floor / dado caused during such act will have to be made good by the contractor at his own expenditure.

22. Water supply:

The contractor shall make his own arrangement for water required for the work. in case the water is available and supplied by the Bank, the charges for the same shall be recovered at the rate of 1% of value of the work executed. In case water supplied by the Bank, the contractor shall make his own arrangement for the storage, pipeline from point of take off to the required location.

23. Electric supply:

Electricity will be supplied by the Bank, the contractor shall make his own arrangement for providing points, wires required in the premises, in and out.

24. Approval of samples:

The contractor shall furnish well in time lines, extension board wherever it is before work commence at his own cost, Colour samples, samples of material or workmanship that may be called by Bank's Architect / Engineer for approval. Rates quoted shall cover for such preliminary work.

25. Workmanship:

The work involved calls for a high standard of workmanship combined with speed. All the glass panes, door handles / hinges, electric fitting, fans, furniture records, floors etc. are to be thoroughly cleaned after work is completed. Any damage to the flooring, tiles, dado, panelling or any other part of the building, etc. shall be made good at the cost of the contractor to the entire satisfaction of the Bank.

Contractor shall make all arrangements for shifting of furniture / records and keeping the same in its original position after he finishes the work on daily basis. The contractor at his own cost shall provide brown paper, polythene, tarpaulin etc. for protecting furniture / fixtures, paneling, FURNISHING, fittings, records, etc.

26. Interpretation of documents / drawing:

Except where otherwise provided in the contract all questions and disputes relating to the meaning of the specifications, design drawings and instructions herein before mentioned and as to the quality of workmanship or materials used for the work or as to any other question, claim, right, matter or thing whatsoever, in any way arising out of or relating to the contract, designs, drawings specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof shall be referred to the competent authority of the Bank whose decision shall be final and binding on the contractor.

27. Use of scaffolding:

The contractor shall allow the use of scaffolding erected by them to any other agency employed by the Bank during the contract period without any payment.

28. Provisional Item:

If ordered by the Bank, contractor shall be required to carry out provisional items at the same conditions and rates as applicable for this contract.

29. Measurements of all concealed items:

Measurements of all concealed items of work and extra item if any, shall be got recorded by the Bank's Architect / Engineer before they are checked up.

30. Measurements:

All measurement tapes shall be of steel and all scaffolding and adderss that may be required for taking measurements shall be supplied by the contractor.

31. Cleaning during the work:

The rates quoted shall include cleaning of ceiling roses, electric switches, boards, window panes etc. after the repairing leaving the site neat and tidy from time to time.

32. Complying I.S. specification:

Unless otherwise mentioned in the contract, the latest Indian Standard Code for material specifications, method of work, mode of measurements shall be followed. submitted along with bill

33. Rate to include:

The rates quoted by the contractor shall cover for work at any height in the premises for all finished items under this contract. The rate quoted shall be inclusive of all material cost, wastage, labor, loading, profit, taxes if any, scaffolding, transport, supervision, spot light arrangement and any other means to or future to be included in the rates so quoted. If there is a change in the tax structure / duties as per State / Central Govt. order after opening of tender, the Bank shall reimburse difference in tax as per actual.

34. Price Fluctuation:

The rates quoted by the contractor shall be firm throughout the currency of contract (including extension of time if any granted) and will not be subject to any fluctuation due to variation in the cost of material or labor.

35. The successful tenderer if called upon to do so, shall obtain a letter from the approved trade manufacturer whose product is used, if found necessary by the Bank confirming that the manufacturer shall provide all the technical assistance and supervision during the execution of the work at all such places as directed and the contractor shall bear the expenses, if any, for such supervision and technical assistance supplied by the trade manufacturer.

36. Testing of materials:

If at any point of time during the work, if Bank authorities desire to carry out the tests of certain materials, the contractor shall arrange for the same and submit the test report without any extra cost to the Bank.

37. The contractor shall note that they should bring to the notice of the Architect / Engineer any breakage in glass window before starting work. However, if any glass window is found to be broken during the repairing work, the contractor at his own cost shall replace the same.

38. Conditional tenders: Conditional tenders are liable to be rejected.

39. Rates of non-tendered items: The successful tenderer is bound to carry out any item of work necessary for the completion of the job even though such items are not included in schedule of quantities.

40. **Abandonment of work:** If in any case the work required to be abandoned, the contractor shall not be entitled for any claims and he will be paid as per the actual work done till that period.
41. The Bank reserves the right to accept / reject the lower or any or all tenders in part or in whole without assigning a reason therefore.
42. Decision of the Bank shall be final and binding on any matter connected with the work. The matter of any dispute shall be decided after mutual discussions based on the terms and conditions of this contract. However, if the matter can not be resolved then the same shall be referred to the respected, qualified person in the field agreed to both the parties and his opinion shall be binding on both the parties. However, this is precourse to any legal action in this regard.
43. **Incomplete quotation:** Incomplete quotations shall be summarily rejected.
44. **Payments:** the Bank from time to time under interim payment shall pay the contractor on account of works executed and when the value of work equal to the approximate value named in the Appendix as 'Value of work for Interim Certificate' has been executed in accordance with this contract.
45. When the work has been virtually completed and Bank's Architects / Engineer has certified in writing that the work has been completed on the basis of detailed measurements and has made a final scrutiny and that there is no dispute items, rates, ad quantities, the contractor shall be entitled to the payment of the final bill in accordance with the final certificate which will be honored within the period specified in the Appendix as period of honoring final certificate.
46. The contractor shall be paid by the Bank within the period named in Appendix (period of honoring certificate) after such certificate has been delivered to the employer by the Bank's Architect / Engineer. Bank's Architect / Engineer has power to withhold any certificate in the work or any part thereof are not carried out to his satisfaction or the contractor fails to show the desired progress or fails to follow the instructions given or in case of breach of this contract.
47. For water proofing works on traces, bathroom, WC, Chajja, work has to be executed through the agency specialized in waterproofing. Contractor will have to submit a guarantee of 10 years on stamp papers as per the format to be prescribed by the Bank.
48. **Earnest Money Deposit** of successful tenderer shall be treated as security deposit. The contractor should pay this amount to the Bank by DD or PO at the time of submission of tender. The Bank shall retain this amount till the work is virtually completed and all amounts relating thereto settled. Second part of security deposit shall be built through the retentions from interim and final bills of the contractor and the amount of retention shall be as stated in the Appendix.

49. When the certificate of the virtual completion is issued to the contractor the security deposit in the form of EMD and 50% of retention money shall be refunded, provided that the contractor has fulfilled all the conditions of contract and further provided that the employer has no claim for forfeiture of part or whole of the said deposit. The balance 50% of the retention money built up through retention from interim and final bills will be returned to the contractor after the expiry of defect liability period, subject to deductions for any appropriations thereof required to be made by the Bank as per conditions of the contract. The contractor should note that no interest would be allowed on his security deposit.
50. The contractor is requested to sign each page of the quotation and put rubber stamp, seal below his signature and seal the quotation in an envelope.
51. Liquidated damages: If the contractor fails to maintain the required progress or to complete the work and clear the site or before the contract or extended date period of completion, he shall without prejudice to any other right, pay as agreed compensation amount of % of contract amount per week of delay subject to maximum of % of contract amount as liquidated damages.
52. Records & measurements: Measurements shall be taken jointly by Bank's Architect / Engineer and contractor and shall without extra charges provide assistance with appliance, labor and other things necessary for the work and measurements will be signed and dated by both the parties on completion of measurements.
53. Safety measures: The contractor at his own cost shall provide tarpaulins on the external side of the building at the time of breaking plaster etc. to safeguard adjacent property, Bank's property, employees, traffic, etc. The contractor shall follow all the safety measures while carrying out the work. Employer that is Bank shall not be liable for any compensation due to accident, any mishap or negligence.
54. If there is delay in commencement of work for any reason, the employer that is Bank shall not be liable for any compensation.
55. If at any point of time during the progress, it is observed that the contractor is not progressing the work with due diligence, care and lagging much behind the schedule or fails to gear up the work despite instructions from Bank's Architects, the employer (Bank) reserves the right to terminate the contract with 7 days notice. In such case, the contractor shall be liable to pay the employer any extra cost involved for the completion of the said work and will not obstruct any way in completing the work through other agency. After completion of entire work the contractor shall be paid for the actual work executed by him at the quoted rates after deducting any claims, damages. In case of such termination the security deposit held by the Bank will be forfeited
56. Although the number of coats of paints / polishing / white washing are specified the contractor will have to additional coats if the surface is not to the satisfaction of the Bank's Architect / Engineer and there shall be no extra payment on account of such coats
57. First Aid: The contractor shall be responsible for all first aid and he shall keep the site

fully equipped to meet such emergency.

58. Supervision: The contractor is required to have on site during all working hours a competent supervisor (acceptable to Bank) who will be responsible for the conduct of worker and who has authority to receive and act on such instructions issued by the Architect / Engineer of Bank.
59. All work shall be carried out in a workman-like manner to the entire satisfaction of the Architect / Engineers.
60. Contractor shall follow all rules / regulations in force and should possess the license for employing labor and also follow all safety measures, labor bye law and shall be responsible for any lapse.
61. Transfer of Tender Documents: Transfer of tender documents purchased by one intending tenderer to another is not permissible.
62. Safety: The contractor shall carry out the entire work in a workman like manner having full regard for the safety of the men working at site. All safe practices shall be strictly adhered to by the workmen of the contractor like wearing helmets, safety belts when working at heights, gloves when handling sharp objects and reinforcement, eye shields during welding, safety shoes, etc. The contractor shall protect sides of openings in floor slabs, edges of slabs, stairs, stairwells etc. with barricades, warning signs / lights and educate all his workmen regarding following safe working practices. He shall provide first aid boxes at site.

In spite of following safe methods, in case of any unfortunate accident, the contractor shall indemnify the employer against any expenses or claims towards treatment or compensation.
63. A Daily Diary Register: A daily diary register (with cement and steel stock statement) will be kept in the Engineer's Office or the site office. The contractor or his representative will furnish every day at 9.00 hrs. Details of work for the day proceeding and the diary will be written up every day and jointly signed by the Engineer and the Contractor or their representatives in token of its correctness.
64. Nuisance: The contractor shall not any time do cause or permit anyone to do or cause any nuisance on the site or do anything which shall cause unnecessary disturbance of inconvenience to the Employer or to the owners, tenants or occupiers of other properties near the site and to the public generally.
65. Rights, remedies and powers:
 - I) Termination of contract due to contractor's default. If the contractor:
 - a. Abandon the contract.
 - b. At any time defaults in proceedings with the works with due diligence and continues to do so after a notice in writing of seven days from the Engineer or

Project Architect or Employer, or

- c. Commits default in complying with any of the terms and conditions of the contract and does not remedy it within 7 days after a notice in writing is given to him in that behalf of the Engineer or Project Architect or Employer.
- d. Persistently disregards the instructions of the Engineer, Project Architect or contravenes any provision of the contract, or
- e. Fails to remove materials from the site or to pull down and replace work after receiving from the Engineer, Project Architect notice to the effect that the said materials or works have been rejected.
- f. Fails to complete the works or items of work on or before the stipulated date(s) of completion, and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer, or Project Architect of Employer, or
- g. Offer or gives or agrees to give to any person in the Employer's service or to any other person on this behalf, any gift or consideration of any kind as an inducement or reward for doing or forbearing to do so for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract for the Employer, or
- h. Shall enter into a contract with the Employer in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have previously been disclosed in writing to the Employer / Engineer, or
- i. Shall obtain a contract with the Employer as a result of ring tendering or other non-bonafide methods of competitive tendency, or
- j. Being an individual, or if a firm, any partner thereof, shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or support so to do, or any application be made under any Insolvency Act for the time being in force for the sequestration of his estates or if a trust deed be executed by him for benefit of his creditors, or
- k. Being a company, shall pass a resolution or the court shall make an order for the liquidation of its affairs, or a appointed or circumstances shall arise which entitle the court or debenture holders to appoint a receiver or manager, or
- l. Shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days, or
- m. Assigns, transfers, sublets (engagement of labor on a piece work basis or of labor with materials not to be incorporated in the work, shall not be deemed to be sub-

letting) or attempts to assign, transfer or sub-let the entire works, or any portion thereof without the prior written approval of the employer.

The Bank may, without prejudice to any other right or remedy which shall have accrued or shall accrue thereafter as the Employer by written notice determine the contract either as a whole or in part.

II) Upon such determination of the contract in whole or in part, the security deposit with the Employer in respect of the contract shall stand forfeited to the Employer without in any way effecting the rights of the Employer.

III) Rights of the employer after determination of the contract due to contractor's default.

The Engineer shall on such determination have powers to:

- a. Take possession of the site and any materials equipment, plant, implements stores etc. thereon, and / or
- b. Carry out the incomplete work by any means at the risk and cost of the contractor.

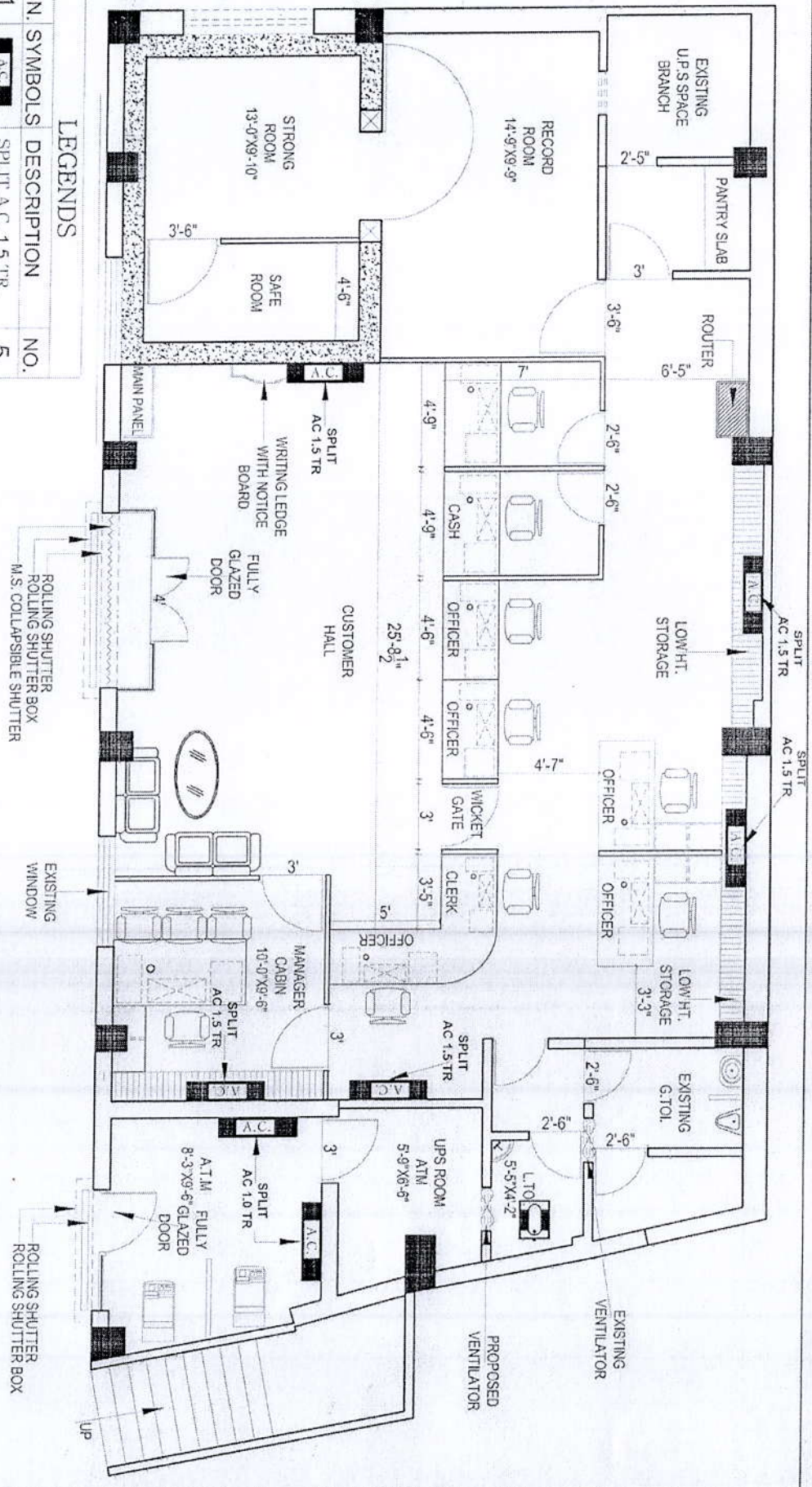
IV) On determination of the contract in full or in part, the Engineer shall determine what amount, if any, is recoverable from the contractor for completion of the works or part of the works or in case the works or part of the works is not to be completed, the loss or damage suffered by the Employer. In determining the amount, credit shall be given to the contractor for the value of the work executed by him upto the time of cancellation or the value of contractor's materials to be present so as to record the measurements in his presence. If the contractor fails to be present in response to the notice, the recording of measurements shall be preceded with ex-parte and the measurements as recorded shall be binding the contractor.

V) The Bank shall have the right to use contractor's plant, machinery and materials on the balance work but shall not in any way be responsible for any damage or loss of the same and the contractor shall not be entitled to any compensation thereof.

APPENDIX TO THE CONTRACT DOCUMENTS

Subject: NOTICE INVITING TENDER FOR ELECTRICAL, DATA CABLING & AC WORKS AT HAMIRPUR BRANCH KANPUR

- 1) Defect liability period : 12 months from the date of virtual Completion of work.
- 2) Date of commencement : 3 days after the contract is accepted by the contractor
- 3) Date of completion : 30 days
- 4) Liquidated damages : 1 % of contract amount every week subject to maximum of 7.5 % of contract amount.
- 5) Period of honoring final certificate: 45 days
- 6) Value of work for interim certificate: After 50% work completion, only one running payment will be released if approved by competent authority.
- 7) Period of honoring certificate : 15 days
- 8) Retention money : 10 % of certified bill amount to be deducted as retention money.
- 9) Earnest Money to be submitted: any Rs. 19100/- by Demand draft or pay order on Nationalized Bank drawn in favor of Union Bank of India payable at Kanpur.



SN.	SYMBOLS	DESCRIPTION	NO.
1		SPLIT A.C. 1.5 TR.	5
2		SPLIT A.C. 1.0 TR.	2

LEGENDS

PROJECT-

REVISED LAYOUT PLAN FOR
UNION BANK OF INDIA,
BRANCH AT HAMIRPUR.

SHEET TITLE-

GROUND FLOOR PLAN

NORTH-



DATE-

OCT- 2021

DRAWN BY-

GUNJAN & ASSOCIATES

ARCHITECTS, ENGINEERS, INTERIOR
AND LANDSCAPE DESIGNERS,
141, SANIK NAGAR, LANE NO-9 RAEBARELI
ROAD, LUCKNOW - 226002
E-mail: arunjan@yahoo.com
Phone: +91 9839018489, 9833818489
URL: www.gunjanandassociates.com

ALTERNATIVE-1

ELECTRICAL		
1.	MCCB	MDS legrands, ABB, GE, SIEMENS, as per Specification
2.	Changeover	Indo Asian/ HPL Socomec / GE/ Standard stangaurd/ as per Specification
3.	Distribution board	MDS / Standard / Indo Asian / HPL/ as per Specification
4.	MCB	MDS / Standard / Indo Asian / HPL/ as per Specification
5.	Cable	Gloster / Rallison / Incab / CCI/ as per Specification
6.	Copper wire	Rallison / Finolex / Polycab / R.R. Cable /as per Specification
7.	Switch / Socket / Call bell and accessories	Anchor / Havells / CPL / MDS / Philips / Simon/ as per Specification
8.	Electrical Light Fittings / Fixtures Complete	LED-Crompton / Panasonic
9.	Wall Fan / Ceiling Fan / Exhaust Fan	Celling Fan =Bajaj / Crompton Wall Mounted Fan= Crompton / Alstrom (Metalic Body)

NOTE: In case any make is mentioned in bill of quantity, it will take precedence over those given in the Given in the "Acceptable Makes of Materials" above.

The choice of make at a specific site will have to be consent with the project architect.



Gunjan and Associates
Architects, Engineers, Interiors
& Landscape Designers

141, Sainik Nagar, Raebareilly Road, Lucknow-226002

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BILL OF QUANTITY FOR THE AIR- CONDITIONING WORKS

FOR UNION BANK OF INDIA, HAMIRPUR BRANCH

BRANCH AND ATM

Note:-

1. Each vendor to specify the Make of A.C. they propose to supply.
2. Common drain pipes of Cassette / Split A.C.'s be terminated in any toilet Nahni traps OR else be terminated from external wall up to ground. AC's with COPPER Condenser & Evaporator coils only to be supplied.
3. Pl. enclose Technical Brocher of quoted A.C.'s.
4. As built layout drawing of Refrigerant & Drain Piping has to be attached with Final Bill.

ALL NEW A C'S TO BE OF INVERTER TYPE

S.N.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	All a.c's to be inverter type.				
1	New Postion of existing AC's Installation of wall mounted split AC 1.0 /1.5Ton Complete in all respects.	No	7.00		
	Comissioning and gas recharging of the existing Acs				
2	Repair and maintainance of existing stablizers.	No	7.00		
3	Drain Water Piping Constructed out of PVC Hard Pipes, fitting, accessories, bends, elbows, tees, hanger, support, anchors, ISI approved Finolex/Prince Make (32mm)	Rm	65.00		
4.a	Copper Piping Refrigerant along with insulator Piping for Hi Wall 1.5 ton,1/2 and 1/4 Soft Copper Refrigerant piping with complete fitting, elbows bends supporting arrangements Nissan, Merchant, MET tube, Totaline tube, pressure tested tube and S.I.T.C. of 12.5 Sq.mm. & 6.25 Sq.mm. dia. Copper refrigerant pipe with foam Insulation between Indoor & Out door units with breaking of wall for making hole wherever required For Split Air-Conditioners. And S.I.T.C. of 19 mm dia & 16 mm dia Copper Refrigerant Pipes with Foam insulation between Indoor & Out door units.with breaking of wall wherever required for 2-3 Tr Cassette/ Inverter Air conditioners.	Rm	95.00		
b	S.I.T.C. of 4 core Copper conductor flexible cable between Indoor &Outdoor Unit through holes made as above	Rm	105.00		

5	Cyclic Timer for A.T.M AC.	No	1.00		
	Total For Branch & A.T.M.				

Note: All rates are excluding G.S.T.

For GUNJAN & ASSOCIATES

Gunjan Kapur
Ar. GUNJAN KAPUR
PROPRIETOR

Ar. Gunjan Kapur

M/s Gunjan & Associates

Gunjan and Associates
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BILL OF QUANTITY FOR ELECTRICAL WORKS

FOR UNION BANK OF INDIA, HAMIRPUR BRANCH

BRANCH AND ATM

S.NO.	PARTICULARS	Unit	Qty	Rate	Amount
	A - Light, Fan, 16A & 6A points - All switch & sockets shall be modular type complete with cover plate & GI/ MS box.				
	The work shall also include cutting chase for conduits in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 750mm interval & finally finishing the surface & matching the same with the existing surface. (Items 1, 3, 4 & 5)				
	The rate should include the cost of all materials, labour, T&P, taxes & levies, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.				
	FRLSH - Fire Resistant Low smoke Halogen				
1	<u>L&F Points+ Power points</u>				
1	Point Wiring for light, fan & exhaust fan points controlled thru modular switches c/w boxes & cover plate - S/F of light, fan & exhaust fan points controlled thru 6A modular type switch with 3*1.5 sq.mm FRLSH Cu stranded PVC insulated wires (with proper R,Y,B color code) in 20mm OD PVC medium duty pipe concealed in wall/ floor/ panelling/ partitions or on the ceiling as per requirement. The job shall be complete & to the entire satisfaction of the Bank.	Point	80		
2	6 A switch socket points on Sdb: S/F of 6A switch with 6A modular socket c/w MS box, sheet etc. The connections shall be made with 3 x 1.5sq.mm FRLSH stranded Cu. Wires as per requirement. The job shall be complete & to the entire satisfaction of the Bank	Point	13		
3	Circuit Wiring (Light, fan, 6Amps Switch points) : Supply & laying of circuit wiring for light, Fan, Exhaust fan & 6 Amp. Switch points with 3*1.5sq.mm FRLSH Cu stranded wires laid in 20mm OD PVC medium pipe concealed in wall/ floor/ panelling/ partitions or on the ceiling as per requirement. The job shall be complete & to the entire satisfaction of the Bank.	m	236		
	<u>Power Point Wiring</u>				
4	Circuit Wiring for <u>Primary</u> 6/16A power Points: Supply & laying of circuit wiring for Primary 6/16 A power points with 2*4 + 1*1.5sq.mm FRLSH Cu stranded wires laid in 20mm OD medium PVC pipe concealed in wall/ floor/ panelling/ partitions as per requirement. The job shall be complete & to the entire satisfaction of the Bank.	m	123		
	Total - 9nos. - 1 MR, 3 for 6 officers on counters & rear, 1 D/w, 1 Pantry, 2 cash+ 1 for router				
5	Circuit Wiring for <u>Secondary</u> 6/16A power Points: Supply & laying of circuit wiring for Secondary 6/16 A power points with 2*4 + 1*1.5sq.mm FRLSH Cu stranded wires laid in 20mm OD medium PVC conduit concealed in wall/ floor/ panelling/ partitions as per requirement. The job shall be complete & to the entire satisfaction of the Bank.	m	28		
	Total - 5nos. - 1 MR, 3 for 6 officers on counter and rear area & 1 for router				

6	Supply & fixing of 16A modular switch + 16A twin socket Power points c/w box & cover plate etc as per requirement. The work shall also include making of connections, cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) & finally finishing the surface & matching the same with the existing surface. The job shall be complete & to the entire satisfaction of the Bank.	Each	14		
2	<u>Air Conditioning</u> The work shall also include cutting chase for conduits in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 750mm interval & finally finishing the surface & matching the same with the existing surface. (Item 1)				
1	Circuit wiring for AC -Circuit wiring with 3*4sq.mm FRLSH Cu stranded wires laid in 20mm OD medium PVC conduit concealed in wall/ floor/ panelling/ partitions as per requirement. The job shall be complete & to the entire satisfaction of the Bank	m	93		
2	Supply & Fixing of Havells MCB protected power unit DBOX type c/w 25A 2P MCB (Havells DHDDCDP025202503 2P) with proper connections or any equivalent approved by Architect.	Each	5		
3	Wiring for AC voltage stabilizers near AC VTPN Db - Circuit wiring with 3*4.0 sq.mm FRLSH Cu stranded wires laid in 20mm OD medium duty PVC conduit pipe concealed in wall/ floor/ panelling/ partitions as per requirement. The job shall be complete & to the entire satisfaction of the Bank	m	14		
3	<u>UPS</u> <u>Assumed 2nos. of 3KVA UPS with 1P input & 1P output (1working + 1Sb)</u> The work shall also include cutting chase for conduits in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 750mm interval & finally finishing the surface & matching the same with the existing surface. (Item 6, 7 & 8)				
1	<u>UPS supply regulating Changeover:</u> S/F of 63A 4P changeover Havells IHCNFE 0063 in SS enclosure near panel for regulating UPS supply including proper connections. The incoming supply shall be tapped from 63A 4P MCB in panel. <u>When branch is closed this change over shall always remain in "ON" position. It will enable supply to UPS even when branch is closed in evening.</u>	Each	1		
2	S/ F of 4way metallic Db Havells DHDESFP c/w 32A 4P MCB including all connections complete in all respects. (1 near change over & 1 in UPS Room)	Each	2		
3	Incoming supply to UPS room: S/laying of 4 core 4sq.mm XLPE insulated armoured Copper conductor cable from 32A 4P MCB to UPS room to be laid in 20/ 25mm OD PVC conduit run on surface or concealed in wall/ floor/ false ceiling including connections at both ends with lugs.	m	20		
4	S/F of 4way HTPN Db c/w 32A 4P MCB as incomer & 2nos. 32A 2P MCB's complete in all respects.	Each	0		
5	Supply & laying of incoming & outgoing wiring to & from UPS with 3*4 sq.mm FRLSH Cu stranded wires to be laid in 20/25 OD medium PVC pipe complete as required.	m	12		
6	UPS Output Db in UPS Room - S/F of 12way SPN Db Havells DHDN SHOD AW 12 c/w 40A 2P MCB and 32A 2P for branch+ 2*16A 2P MCB's for FDAS & CCTV as outgoing feeders including proper connections thru lugs. The job shall be complete in all respects.	Each	1		
7	UPS Output Distribution Boards				

	Location on RHS wall behind advance S/ F of 12way SPN Db Havells DHDN SHODAW12 c/w 32A 2P 10kA MCB and 5*16A+ 2*10A 1P 10kA MCB's complete in all respect.	Set	1		
	Incoming - 32A 2P MCB - 1Nos.				
	5no. 16A 1P MCB for twin CP - 1ckt- 1 for BM, 2 for 4officers on counters, 1 for 2 rear officers & 1 for router				
	2 Nos. - 10A 1P MCB - 2 cash				
8	Input Wiring for UPS Db's with 2*4+ 1* 1.5sq.mm FRLSH Cu. stranded conductor to be laid in 20mm OD medium PVC conduit duly laid & concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The job shall be complete & to the entire satisfaction of the Bank.	m	16		
9	Primary UPS/ Computer points c/w 1*16A modular switch & 3*6A modular sockets including circuit wiring from UPS Db- Wiring for Primary UPS point with 3*2.5sq.mm FRLSH Cu stranded wires laid in 20mm OD medium PVC conduit recessed in wall/ ceiling including earthing the third pin with 2.5 sqmm Cu wire colour complete in all respect. The job also includes S/F of 1*16A modular switch with indicator & 3*6A modular Sockets with shutter c/w cover plate & GI/ MS box. The job shall be complete, n.k.	Each	7		
	Total 7nos.- 1 for BM, 2 for 4officers on counters, 1 for 2 rear officers, 1 for router+ 2 cash				
10	Secondary UPS/ Computer points c/w node consisting of 1*16A & 3*6A modular switch & sockets including circuit wiring from primary points- Wiring for Secondary UPS point with 3*2.5sq.mm FRLSH Cu stranded wires laid in 20mm OD medium PVC conduit recessed in wall/ ceiling including earthing the third pin with 2.5 sqmm Cu wire complete in all respect. The job shall also include S/F of 1*16A modular switch with indicator & 3*6A socket with shutter c/w cover plate & GI/ MS box. The secondary point shall be interlooped from primary or secondary UPS point.	Each	5		
	Total 5nos.- 1 for BM, 2 for 4officers on counters, 1 for 2rear officers, 1 for router				
4	<u>Distribution Mains</u>				
1	S/F of 3no. 100A 415V Kit kats rewirable Porcelain fuse carrier & base Havell - IHKKRN 4100 c/w 5 hole heavy duty terminals with shroud & cover including making of connection from electronic meter c/w wooden board etc.	Set	1		
2	Main Incoming Panel				
	Supply, Installation, Testing & Commissioning of main panel fabricated of 18swg (powder coated) comprising of	Each	1		
	Indicator lamps 3 nos.				
	Voltmeter c/w rotay switch				
	Ammeter c/w rotay switch & associated CT's				
	Busbar 1nos. - (each of RYB +N) copper 100 amp each				
	Incomer - 100A 4P MCCB adjustable 25kA Havells				
	100A 4P Changeover - Socomac/ Havells IHCNFO 0100				
i)	<u>UPS</u>				
	63A 4P MCB - 1no. - For UPS <u>should be tapped/ connected from incoming side of the 100A 4P incoming MCCB.</u>				
	<u>From Main Bus</u>				
	63A 4P MCB- 3nos. - 1 branch VTPN, 1 ATM & 1 spare				
	32A 2P MCB's - 3nos. for Strong Room, signage and 1 spare				
	Earth bus bar 25x5mm GI strip - 2nos. At the bottom.				

	All MCCB's & MCB shall be of Siemens/ Hagers/ ABB/ Schnider/ MDS				
3	S/ laying of XLPE insulated armoured Copper Conductor cable including cost of lugs, cable glands etc. The cable should be laid on surface with proper clamps @750mm or laid & concealed in wall/ floor/ PVC Conduit/ false ceiling complete in all respect. The work also includes cutting chases for conduits in the wall/ floor (Without damaging the building) along with clamping the cable.				
	4c 16sq.mm from Pole to Fuse set to Panel	m	21		
	4c 10sq.mm from Main panel to VTPN Db's	m	9		
4	Hall Db - SITC of 8way VTPN Db complete in all respect as under- Havells or equivalent- Location Front nera panel & pillar	Each	1		
	Incomer -63A 4P MCB				
	5nos. 32A 1P MCB's for AC's				
	6no. 20A 1P-MCBs 10 KA for twin power point ckts (1BM + 2 for 4officers on counters, 1 for 2 rear officers, 1 router & 1 for pantry & D/w) - 2nd PP to be interlooped with first PP				
	2no. 16A 1P-MCBs 10 KA for single PP (2 cash)				
	6no. 10A 1P-MCBs 10 KA for L&F				
	5nos. 6A 1P-MCBs 10 KA for L&F				
	Blanking Plates - NIL				
	All connections to be terminated thru lugs				
5	Strong room controlling DP MCB - Circuit wiring with 3*1.5sq.mm FRLSH Cu stranded wires to be laid in 20 mm OD PVC medium duty laid & concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The job also includes supply & fixing of 32A 2P MCB in 2way metallic box including connections with lugs. The job shall be complete & to the entire satisfaction of the Bank.	1	Job		
6	Glow sign Board - Circuit wiring with 3*1.5sq.mm FRLSH stranded Cu. conductor to be laid in 20mm OD medium PVC conduit duly laid & concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement.	12	m		
7	Timer - Supply of 40 A SP 230 V analog time switch panel(TIMER), in manufacturer sheet steel panel, fully prewired with all components like time switch, MCB, contactor, selector switch, indicating lamp.(1 for sign board)	1	Each		
5	<u>DG Set Supply</u>				
	S/laying of 4c 16sq.mm XLPE insulated Armoured Cu conductor cable c/w 6Swg GI earthwire from proposed DG set to Changeover switch including its connections at both ends with lugs duly clamped with saddles @600mm with MS clamps (Made from 25x3mm MS flat) duly screwed with 32x8mm screws complete in all respect or if required buried in ground as per site conditions	14	m		
6	<u>Earthing</u>				
	Panel/ Power earthing - S/burying of Dual pipe technology (Pipe in Pipe) earthing electrode GI 80mm O/D pipe with 25 micron coating, 3m long. The job also includes S/F of GI strip clamp with two holes (with SS/GI bolts & nuts) on the electrode & taking one lead of 4sq.mm Cu stranded wire upto Main panel complete in all respects with guaranteed E/N voltage of less than 2 volts and resistance less than 1 ohms. The 4sq.mm Cu wire shall be connected to earth bus bars in the panel.	1	Job		

	UPS earthing - S/burying of Dual pipe technology (Pipe in Pipe) earthing electrode GI 80mm O/D pipe with 25 micron coating, 3m long. The job also includes S/F of GI strip clamp with two holes (with SS/GI bolts & nuts) on the electrode & taking one lead of 4 sq.mm dia Cu stranded wire upto proposed GI strip clamp complete in all respects with guaranteed E/N voltage of less than 2 volts and resistance less than 1 ohms. The 4mm dia Cu. earth wire shall be terminated on a separate 6way earthlink. The connections for UPS & its Db shall be taken from this earthlink.	1	Job		
	Supply & Fixing of 4sq.mm FRLSH Cu. Stranded wire in 20mm medium OD PVC conduit duly laid on surface or in recess for loop earthing as required earthing to Db's or main pane as required.	27	Metre		
	S/F of G I Strip 32x6mm earth clamp 200mm long c/w 6holes duly tapped	1	Each		
7	Fixtures & Fittings				
	<u>All Fixtures/ fittings shall be LED Type energy efficient with warranty/ guarantee of 2years free replacement</u>				
1	S/F of Energy efficient recessed mounted LED luminaire - 30/36w 2'x2' LED recessed light slim panel with super bright LED's & highly efficient light-smoothing optics to deliver superior illumination Crompton Aura -1 model CCR-127-36-57-SL-NWH 220-240V 50Hz or Panasonic/ Jaguar/ Bajaj as approved by Bank/ architect	20	Each		
2	S/F of recessed LED downlighter - 15/18w LED Spot Slim design LED recessed round polycarbonate housing down lighter with superior light output and integral driver, Efficacy 100lm/w Crompton Quartz+R model LCDEP-18-WW 220-240V 50Hz or Panasonic/ Jaguar/ Bajaj as approved by Bank/ architect	20	Each		
3	S/F of Surface & wall mounted LED batten -4' long LED 20w Decorative ultra slim round profile LED lighting fixture with extruded polycarbonate & energy efficient Havells/ Philips/ Crompton/ Bajaj or any make approved by Bank/ Architect	15	Each		
4	S/F of 8w surface mounted LED light complete in all respects.	4	Each		
5	S/F of wall mounted fan 400mm sweep - Sturdy & heavy duty metallic blades, Nickel Chrome plated guard - Havells/ Crompton/ Bajaj or any make as approved by Bank/ architect	13	Each		
6	1200mm Ceiling Fan (Crompton make) complete in all respect with electronic regulator sweep double ball bearing type - Anchor/ Usha/ Crompton/ Bajaj or any make as approved by Bank/ architect	3	Each		
7	Supply & Fixing of metallic fresh air fan 230mm sweep - Havells venti Air DSP metallic range model or equivalent as per LOM	5	Each		
	H - TELEPHONE				
1	S/F on wall/ furniture/ partition recessed type modular telephone socket outlet (RJ-11) with mounting box & front plate complete with chase cutting, mending good etc. as required complete including Supply & laying of 2 pair 0.5mm dia. PVC insulated unarmoured telephone cables through rigid PVC conduit of suitable diameter from telephone junction box to telephone socket outlet including interconnection as required complete in all respects.	4	Each		
2	Supply & fixing of MDS box	1	Each		
3	Supply & fixing of 10 pair Crone boxes	1	Each		

	I - DATA CABLING				
1	Supply & laying of 25mm OD medium duty PVC conduit c/w junction box, circular box, elbows, bends & other accessories as required by chase cutting on wall, through partition or over false ceiling. The work includes making good all damages to original finish, painting etc. as required.	73	m		
2	Supply & laying of CAT - 6e cables Giga speed D-Link/ Systimex thru pre-laid PVC conduit as directed by the consultant from Server to Switch, Switch to computer data socket including interconnections as required complete in all respects.	182	m		
3	Supply & Fixing of XL RJ 45 toolless information outlet Grey colour cat 6e Giga speed Systimax/ D link make including interconnection with connectors (cost to be borne by contractor) as required complete in all respects.	12	Each		
4	Supply & fixing of 7ft Grey colour Patch chord Giga speed Systimax/ D link make	12	Each		
5	Supply & fixing of 3ft Grey colour Patch chord Giga speed Systimax/ D link make	12	Each		
A	TOTAL COST OF ELECTRICAL WORKS				

FOR ATM ONLY

S.NO.	PARTICULARS	Unit	Qty	Rate	Amount
	A - Light, Fan, 16A & 6A points - All switch & sockets shall be modular type complete with cover plate & GI/ MS box.				
	The work shall also include cutting chase for conduits in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 750mm interval & finally finishing the surface & matching the same with the existing surface. (Items 1, 3, 4 & 5)				
	The rate should include the cost of all materials, labour, T&P, taxes & levies, scaffolding, shifting of furniture, carting away the debris and cleaning the floor etc.				
	FRLSH - Fire Resistant Low smoke Halogen				
	All MCB 's are 10kA & "C" Characteristics				
1	<u>L&F Points+ Power points</u>				
1	Point Wiring for light, fan & exhaust fan points controlled thru modular switches c/w boxes & cover plate - S/F of light, fan & exhaust fan points controlled thru 6A modular type switch with 3*1.5 sq.mm FRLSH Cu stranded PVC insulated wires (with proper R,Y,B color code) in 20mm OD PVC medium duty pipe concealed in wall/ floor/ panelling/ partitions or on the ceiling as per requirement. The job shall be complete & to the entire satisfaction of the Bank.	Point	12		
2	6 A switch socket points on Sdb: S/F of 6A switch with 6A modular socket c/w MS box, sheet etc. The connections shall be made with 3 x 1.5sq.mm FRLSH stranded Cu. Wires as per requirement. The job shall be complete & to the entire satisfaction of the Bank	Point	2		
3	Circuit Wiring (Light, fan, 6Amps Switch points) : Supply & laying of circuit wiring for light, Fan, Exhaust fan & 6 Amp. Switch points with 3*1.5sq.mm FRLSH Cu stranded wires laid in 20mm OD PVC medium pipe concealed in wall/ floor/ panelling/ partitions or on the ceiling as per requirement. The job shall be complete & to the entire satisfaction of the Bank.	m	20		
	<u>Power Point Wiring</u>				

4	Circuit Wiring for <u>Primary</u> 6/16A power Points: Supply & laying of circuit wiring for Primary 6/16 A power points with 2*4 + 1*1.5sq.mm FRLSH Cu stranded wires laid in 20mm OD medium PVC pipe concealed in wall/ floor/ panelling/ partitions as per requirement. The job shall be complete & to the entire satisfaction of the Bank.	m	32		
5	Circuit Wiring for <u>Secondary</u> 6/16A power Points: Supply & laying of circuit wiring for Secondary 6/16 A power points with 2*4 + 1*1.5sq.mm FRLSH Cu stranded wires laid in 20mm OD medium PVC conduit concealed in wall/ floor/ panelling/ partitions as per requirement. The job shall be complete & to the entire satisfaction of the Bank.	m	0		
6	Supply & fixing of 16A modular switch + 16A twin socket Power points c/w box & cover plate etc as per requirement. The work shall also include making of connections, cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) & finally finishing the surface & matching the same with the existing surface. The job shall be complete & to the entire satisfaction of the Bank.	Each	3		
2	<u>Air Conditioning</u>				
	The work shall also include cutting chase for conduits in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 750mm interval & finally finishing the surface & matching the same with the existing surface. (Item 1)				
1	Circuit wiring for AC -Circuit wiring with 3*4sq.mm FRLSH Cu stranded wires laid in 20mm OD medium PVC conduit concealed in wall/ floor/ panelling/ partitions as per requirement. The job shall be complete & to the entire satisfaction of the Bank	m	25		
2	Supply & Fixing of Havells MCB protected power unit DBOX type c/w 25A 2P MCB (Havells DHDDCDP025202503 2P) with proper connections or any equivalent approved by Architect.	Each	2		
3	Wiring for AC voltage stabilizers near AC VTPN Db - Circuit wiring with 3*4.0 sq.mm FRLSH Cu stranded wires laid in 20mm OD medium duty PVC conduit pipe concealed in wall/ floor/ panelling/ partitions as per requirement. The job shall be complete & to the entire satisfaction of the Bank	m	5		
4	Timer - Supply of 40 A SP 230 V analog time switch panel(TIMER), in manufacturer sheet steel panel, fully prewired with all components like time switch, MCB, contactor, selector switch, indicating lamp.(1 for 2AC's)	Each	1		
3	<u>UPS</u>				
	<u>Assumed 2nos. of 2KVA UPS with 1P input & 1P output (1working + 1Sb)</u>				
	The work shall also include cutting chase for conduits in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 750mm interval & finally finishing the surface & matching the same with the existing surface. (Item 6, 7 & 8)				
1	S/ F of 2way metallic Db Havells DHDESDP c/w 25A 2P MCB including all connections complete in all respects.	Each	2		
2	Supply & laying of incoming & outgoing wiring to & from UPS with 3*2.5 sq.mm FRLSH Cu stranded wires to be laid in 20mm medium PVC rigid/ flexible pipe complete as required.	m	12		
3	UPS Output Distribution Boards				
	Location UPS Cabinet: S/F of 6way SPN Db c/w 32A 2P MCB and 3*16A MCB's complete in all respect.	Set	1		
	Incoming - 32A 2P MCB - 1Nos.				

3	Supply & Fixing of XL RJ 45 toolless information outlet Grey colour cat 6e Giga speed Systimax/ D link make including interconnection with connectors (cost to be borne by contractor) as required complete in all respects.	3	Each		
4	Supply & fixing of 7ft Grey colour Patch chord Giga speed Systimax/ D link make	3	Each		
5	Supply & fixing of 3ft Grey colour Patch chord Giga speed Systimax/ D link make	3	Each		
B	TOTAL COST OF ELECTRICAL WORKS				
1	GRAND TOTAL AMOUNT (A+B)				

Note: All rates are excluding G.S.T.

For GUNJAN & ASSOCIATES

Gunjan Kapur
 (Ms. GUNJAN KAPUR)
 PROPRIETOR

Ar. Gunjan Kapur

(Gunjan And Associates)