



**PREMISES DEPARTMENT
ZONAL OFFICE HAMIRPUR**

**TENDER DOCUMENT
INTERIOR FURNISHING, ELECTRICAL & DATA CABLING
WORKS IN NEW PREMISES OF
INDIAN BANK BELATAL BRANCH, DISTRICT - MAHOBA**

Date : 20.12.2021

Issued to:

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Last date of submission of Tender	04/01/2022 upto 15:00 HRS at Indian Bank, Zonal Office, Premises Department, 10/379, Rameni Tarauns, Hamirpur - 210301
Date of opening Tender	05/01/2022 at 16:00 HRS Indian Bank, Zonal Office, Premises Department, 10/379, Rameni Tarauns, Hamirpur - 210301
Cost Of Tender	Free Of Cost.

CONSULTANT:

M/s Bharat and Associates
Architects, Engineers, Interiors & Landscape Designers,

Shop no-1, First Floor, Jeevan Plaza
Viram Khand-5 , Gomti Nagar, Lucknow-226010

Flat No J-19, 4th Floor, Block I
Indraprasth Apartment Ratanlal Nagar, Kanpur – 208022

E-Mail: bharatandassociateslko@gmail.com
Mobile No: 7572003101

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**INDIAN BANK
ZONAL OFFICE - HAMIRPUR**

NOTICE INVITING TENDER

Indian Bank, Zonal Office HAMIRPUR invites sealed tenders from empanelled contractors with Indian Bank (single bid system) for proposed Interior Furnishing, Electrical & Data Cabling Works in the New Premises of Belatal Branch, District - Mahoba. The Tender Documents can be downloaded from the Bank's website (www.indianbank.in) under Tender Column.

1	Name of work	Interior Furnishing, Electrical & Data Cabling Works in New Premises of Belatal Branch, District - Mahoba
2	Estimated cost of work	Rs. 10.97 Lakh
3	Period of completion	30 days to be reckoned from 5 TH day from the date of issue of the Work Order or handing over of site whichever is later
4	Validity of Tender	90 Days from the date of opening
5	Defects Liability Period	12 Months from the date of virtual completion of work
6	Earnest Money Deposit	Rs.11,000/- (Rupees Eleven Thousand Only) by way of DD in favour of Indian Bank payable at HAMIRPUR <i>*Firms registered with MSME / NSIC with valid certificates issued by GOI are exempted from submitting EMD along with Tender.</i>
7	Initial Security Deposit (ISD)	After acceptance of Work Order, Contractor shall submit ISD of 2% of the Bid / Contract Amount in the form of DD.
8	Retention Money (RM)	8% of the Bill Amount excluding Taxes
9	Total Security Deposit (TSD) = ISD + RM	10% of the Bid Amount (ISD – 2% & RM – 8%) ISD Amount will be refunded to Contractor within 14 days from the issue of Work Completion Certificate by the Architect and the Retention Money will be refunded after the completion of defect liability period.
10	Interim / Adhoc Payment	No Interim / Adhoc Payment will be paid
11	Liquidated Damages	1% per week of the Contract Value subject to maximum total of 10% of final Contract value
12	Tender Documents	Tender documents can be obtained from Indian Bank, Zonal Office, Premises Department, 10/379, Rameni Tarauns, Hamirpur – 210301 from 21/12/2021 to 04/01/2022 on all working days during office hours and / or can be downloaded from the Bank's website (www.indianbank.in) under Tenders column.
13	Last date of submission of tenders	04/01/2022 upto 15:00 HRS at Indian Bank, Zonal Office, Premises Department, 10/379, Rameni Tarauns, Hamirpur - 210301
14	Date of opening Tender	05/01/2022 at 16:00 HRS Indian Bank, Zonal Office, Premises Department, 10/379, Rameni Tarauns, Hamirpur - 210301

Note:

1. The bank reserves the right to reject any tender/bid without assigning any reason.
2. The rates quoted by the tenderer shall be based only on the specifications and conditions of the tender documents.
3. Bank is not liable to make any payment to tenderers for preparation to submit the tender/bid.

ZONAL MANAGER



FORM OF TENDER

**Indian Bank
Zonal Office HAMIRPUR
Premises Department
10/379, Rameni Tarauns,
HAMIRPUR – 210301**

Dear Sir,

**SUB: Invitation of Tender for Interior Furnishing, Electrical & Data Cabling works
in the New Premises of Belatal Branch, District - MAHOBA**

Having examined the drawings, specifications, conditions and schedule of quantities prepared by you, and satisfying ourselves as to the location of the site and working conditions, I/We hereby offer to execute the above works at the respective rates which I/We have quoted for the items in the Schedule of Quantities.

I/We herewith deposit **Rs.11,000/- (Rupees Eleven Thousand Only)** by crossed demand draft payable at HAMIRPUR and drawn in favour of Indian Bank as Earnest Money Deposit for the due execution of the works at my/our tendered rates, together with any variations should the work be awarded to me/us.

In the event of this tender being accepted, I/We agree to enter into and execute the necessary contract required by you. I/We do hereby bind myself/ourselves to forfeit the aforesaid Earnest Money Deposit of **Rs.11,000/- (Rupees Eleven Thousand Only)** in the event of our refusal or delay in signing the Contract Agreement. I/We further agree to complete the work within the stipulated time specified in the Appendix to General Conditions of Contract.

I/We agree to keep our tender open for **90(Ninety) days** from the date of opening of Envelope No.1.

I/We enclose the completed tender documents duly signed under two separate sealed envelopes and the Earnest Money Deposit Rs._____ (Rupees _____ only) by Bank Draft No. _____ dated _____ Issued by _____

Thanking you,

Yours faithfully,

[To be signed by the Authorized Representative of
Tenderer who has the Power to do so]

Place:
Date:

Witness Signature:
Name:
Address:
Seal:

GENERAL RULES AND INSTRUCTION FOR THE GUIDANCE OF TENDERERS

1 Definition of terms / interpretation:

- Employer/Owner/Bank /Indian Bank/ Accepting Authority shall mean Indian Bank with their Corporate Office at No. 254-260, Avvai Shanmugam Salai, Royapettah, Chennai – 600 014 inter-alia having their Zonal Office at 10/379, Rameni Tarauns, HAMIRPUR – 210301 and any of its employees representative authorized on their behalf.
 - Throughout these bidding documents, the terms “bid” and “tender” and their derivatives (“bidder”/“tenderer”), “bidered /tendered”, “bidding”/“tendering”, etc. are Synonymous.
 - Day means calendar day. Singular also means plural
 - “Contractor” means the person whose Tender has been accepted by the Employer and the legal successors in title to such person, but not (except with the consent of the Employer) any assignee of such person.
 - Tenderer: The term ‘Tenderer’ shall mean the individual or firm or company whether incorporated or not, undertaking the work and shall include legal representative(s) of such individuals or persons composing such firm or company or successors of such firm or company as the case may be and permitted assigns of such individual or firm or company.
- 2 Tenders, which should always be placed in sealed cover, with the name of the work written on the envelope “Interior Furnishing Work in New Premises of Belatal Branch, District – MAHOBA “ will be received by Chief Manager (P&E), Indian Bank, Zonal Office , Premises Department, HAMIRPUR.
- 3 Earnest money amounting to **Rs.11,000/- (Rupees Eleven Thousand Only)** in the form of Demand Draft drawn in favour of “**Indian Bank**”, **payable at HAMIRPUR** must accompany each tender. EMD amount will not carry interest. Tender without earnest money will be summarily rejected.
Please note that firms registered with MSME / NSIC under single point registration with valid certificates issued by GOI are exempted from submitting EMD. Necessary Certificates must accompany bid. No other type of certificate is acceptable. The exemption and relaxation in EMD is subject to the validity & acceptance of their registration certificate on the date of opening of Tender.
- 4 The Indian Bank does not bind itself to accept the lowest or any tender and reserves to itself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
- a. The rate quoted by the Tenderer shall be net (excluding GST), up to the stage of incorporation and handing over site. All taxes including (excluding GST) or any other tax on material or on finished works like Turn-over Tax, including taxes that may be newly introduced subsequent to the tender etc. in respect of this contract shall be payable by the Tenderer and the Indian Bank will not entertain any claim whatsoever in this respect.
The rate quoted should be excluding GST.
The tenderer who wishes to quote for the tender should have GST registration and should mention the registration number.
- 5 The Tenderer shall give a list of his relatives working with the Indian Bank along with their designations and addresses.
- 6 No employee of the Indian Bank is allowed to work as a contractor for a period of two years of his retirement from Indian Bank service, without the previous permission of the Indian Bank. The contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of the Indian Bank as aforesaid before submission of the

tender or engagement in the Tenderers service.

- 7 The tender for works shall remain open for acceptance for a period of 90 days from the date of opening of Tender. If any tenderer who withdraws his tender before the said period, then the Indian Bank shall be at liberty to forfeit Earnest Money paid along with the tender.
- 8 The tender for the work shall not be witnessed by a Tenderer or Tenderers who himself/themselves has/have tendered or who may and had/have tendered for the same work. Failure to observe this condition would render tenders of the Tenderers tendering as well as witnessing the tender liable to summary rejection.
- 9 It will be obligatory on the part of the tenderer to tender and sign the tender documents for all the component parts.
- 10 Transfer of tender documents purchased by one intending Tenderer to another is not permitted.
- 11 The Tenderer must pay the amount of Earnest Money as mentioned in the Notice of Tender Invitation by Bank Demand Draft payable to Indian Bank. No interest on Earnest Money deposited by the Tenderer shall be allowed. The Tenderer should attach the Bank Draft along with the tender failing which the tender will not be considered. No other mode of payment shall be accepted.
- 12 The Earnest Money Deposit of unsuccessful tenderers shall be refunded within three weeks of award of contract to the successful tenderer or within one week of actual commencement of work whichever is earlier and in any case not later than four months.
- 13 The Earnest Money Deposit of the successful tenderer shall be refunded on the acceptance by the Employer of the Contractor's Demand Draft towards Security Deposit.
- 14 The EMD of the Tenderer, whose tender is accepted, shall be forfeited in full in case he does not start the work by stipulated date mentioned in the award letter.
- 15 ***The retention amount at 8% on the value of the bill paid will be held by the Indian Bank apart from ISD.*** ISD Amount (2%) will be refunded to Contractor within 14 days from the issue of Work Completion Certificate by the Architect and the Retention Money (8%) will be released at the end of Defect Liability Period (12 Months), subject to satisfactory rectification of defects noticed, if any. ISD and Retention Amount held in our Bank's Book will not carry any interest.
- 16 The acceptance of a tender will rest with the Indian Bank and the Indian Bank reserves to itself the authority to reject any or all of the tenders received without the assignment of a reason. Tenders in which any of the prescribed conditions are not fulfilled (or) are incomplete in any respect are liable to be rejected. The Indian Bank reserves the right to accept the tender in full or in part and the tenderer shall have no claim for revision of rates or other conditions if his tender is accepted in parts.
- 17 Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the Tenderers who resort to canvassing will be liable to rejection.
- 18 All rates shall be quoted on the proper form of the tender alone. **All the entries to be made legibly in ink only.** Rates written in pencil or any other mode shall not be considered for evaluation and will be rejected.
- 19 An item rate tender containing percentage below / above will be summarily rejected. However, where a tenderer voluntarily offers a rebate for payment along with sealed tender, the same may be considered.
- 20 On acceptance of the tender the name of the accredited representative(s) of the Tenderer who would be responsible for taking instructions from the Indian Bank shall be communicated to the Indian Bank.
- 21 Special care should be taken to write the rates in figures as well as in words and the amounts in figures only, in such a way that interpolation is not possible. The total amount should be written both in words and in figures.
- 22 The Contractor shall within 7 days of receiving the WORK ORDER submit **INITIAL SECURITY DEPOSIT of 2% of the contract value in the form of a Demand Draft.** On acceptance of the Demand Draft, the

Earnest Money Deposit shall be refunded to the Contractor.

- 23 The Contractor shall comply with and give all notices required under any law, rules, regulations, or bye-law of Parliament, State Legislature or Local Authority relating to works. If needed, the Contractor has to obtain required permission/ approval from the building secretary/ association. The Contractor shall before commencing the execution of work issue a certificate to the Employer that he has obtained all the permissions Registrations and give all the notices as are required to be obtained or given under law particularly blasting permission, Police permission etc.
- 24 The Contractor shall be required to maintain the site and the building areas in a neat and clean condition at all times to the satisfaction of the Employer. The Contractor shall especially take care to keep areas free from getting water logged, from concrete/mortar dippings, bricks, steel, shuttering materials or any other material / rubbish.
- 25 Debris and items removed from the building have to be neatly stacked at site and then periodically removed (maximum of one week), carried away by the Contractor and disposed off as per the rules and regulations of the Local Authorities concerned. No debris shall be thrown loose from upper floors. No floor, roof or other part of the building shall be over-loaded with debris or materials as to render it unsafe.
- 26 Employer reserves the right to insist on selection of material, workmanship, detailing and finishes, which they consider, is appropriate, and suitable for the intended use. The contractor is not eligible to claim extra on this account.
- 27 Employer will require the contractor to produce, samples of all the materials, accessories/ finishes prior to procurement/ manufacture. The samples of the materials for the work shall be got approved from the Employer. Failure to comply with these instructions can result in rejection of the work/materials.
- 28 For painting & Lamination, sample area shall be prepared and the shade got approved. It is also advised to give computer presentation of various colour schemes to the employer before going for sample painting/Lamination,
- 29 The Tenderer should note that he should execute his part of work without causing any damage to any component of the building and also without disturbing the occupants. Any damage so caused shall be made good at the cost & risk of the tenderer.
- 30 The successful tenderers shall include, in the quoted price, all allied civil works such as chasing in wall, drilling holes etc to support the frames, partitions, make the surface good after grouting, scaffolding required if any to load/ unload the materials etc.
- 31 The successful contractor shall also be responsible for the safety and security of all their materials and also for ensuring fire prevention steps at all times in the working premises including their part of the work. The successful contractor has to place full time representative at site, the representative should have thorough subject knowledge.
- 32 The work shall be carried out without disturbing the existing occupants of other offices. Necessary barricading of the area, if required from the rest of the area shall have to be arranged by the successful contractor at no extra cost. The work is to be organized and executed so as to have least disturbance to the occupants of other offices.
- 33 No interim payment / Adhoc Payment will be entertained in any case
- 34 ***The contractor should ensure payment of minimum wages + VDA to all labourers / workmen staff employed by him in line with central/ state labour wage act which ever higher.***
The Contractor shall at all times indemnify and keep indemnified the Employer against all losses, claims, damages or compensation including under the provisions of the payment of the Wages Act 1936, Minimum Wages Act 1948, Employer's Liability Act 1938, Workman's Compensation Act 1923, the Maternity Benefit Act 1961, the Bombay Shops and Establishments Act 1947, Industrial Disputes Act 1947, and Contract Labour (Regulation and Abolition) Act 1970 and Employees State Insurance Act 1948, Motor Vehicles Act 1988 or any modifications thereof or under any other law relating thereto and rules made there under from time to time or as a consequence of any accident or injury to any workman or other person in or about the work whether in the employment of the Employer or Contractor or not,

and also against all costs, charges and expenses of any suit, action or proceedings whatsoever out of such accident or injury or combination of any such claims.

- 35 From commencement to completion of works, the Contractor shall take full responsibility for the care of the work and for taking precautions to prevent loss or damage to the work to the maximum extent possible and shall be liable for any damage or loss that may arise to the works or any part thereof from any cause whatsoever including causes of fire, lightning, explosion, earthquake, storm, hurricane, floods, inundation, subsidence, landslides, rock slides, riots (excluding civil war, rebellion, revolution and insurrection) or any latent defect or damage and shall at his own cost repair and make good the same so that at all times the work shall be in good order and condition and in conformity in every respect with the requirements of the Contract.

For the purpose of this condition this expression “from commencement to completion of works” shall mean the period starting with the date of issue of Work Order or date of handing over of site whichever is later and ending with issue of Virtual Completion Certificate.

Without limiting the obligations and responsibilities under this condition, the Contractor shall insure and keep insured the works from commencement to completion, as aforesaid, for the full contract value including Price Variation Adjustment if any against the risk of loss or damage from any cause whatsoever including the causes enumerated in the foregoing paragraphs. In the event of there being a variation in the nature and extent of the works, the Contractor shall from time to time increase or decrease the value of the insurance correspondingly. All the premium for the insurance shall be borne and paid by the Contractor.

Before commencing the work, the Contractor shall without limiting his obligations and responsibilities under this condition, insure against any loss of life or injury to any personnel in the employment of Contractor / Sub-Contractor/nominated Sub- Contractor. For this purpose, insurance shall be taken by the Contractor /Sub- Contractor. Such insurance shall be taken to include both employees/workmen covered by the Workman’s Compensation Act 1923, as well those employees/workmen not covered by the said Act. Separate insurance policies may be taken for employees/ workmen covered by Workman’s Compensation Act 1923, and employees / workmen not covered by the said Act. The entire premium shall be paid by the Contractor. Policy/Policies taken under this para for the personnel in employment with the Contractor / Sub-Contractor may be in their Employer’s names of the Contractor / Sub-Contractor / nominated Sub-Contractors. In the event of any loss or injury to personnel in employment with the Contractor / Sub-Contractor / nominated Sub-Contractors, the Employer and Contractor shall recover directly from the Insurance Company and ensure that payment of the same is made to the affected parties including the Employer. The policy in original shall be deposited with the Employer.

The Contractor shall at all times indemnify and keep indemnified the Employer against all losses and claims for injuries or damage to any person or any property whatsoever which may arise out of or in consequence of the construction and maintenance of the work and against all claims, demands, proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto. Before commencing the execution of the works, the Contractor shall without in any way limiting his obligations and liabilities under this condition, insure at his cost and expense against any damage or loss or injury which may be caused to any person or property including the employees and directors of the Employer and their property by or in the course of the execution of the works. Such insurance to be known as the Third Party Insurance shall be in a sum of **Rs. 1.0 Lakh**. The Insurance policy to be so obtained by the Contractor shall be deposited by the Contractor with the Employer within **Seven days** of its issue by the Insurer.

- 36 The Contractor shall take all precautionary measures to ensure the safety of the workmen employed by it. The contractor shall be fully responsible for the any injury or damage caused to the workmen deployed by him at site for carrying out the work and Bank has nothing to do with such happenings and in no way shall be held responsible for the same.
- 37 The contractor shall maintain all registers as required by the Regional Labour Commissioner and should furnish the same to the Bank or its representative as and when required.
- 38 If the work is not started within **7 days** from the date of issue of work order then Employer may

terminate the work order without assigning any reason. If during the execution of the work, the progress of work is not considered to be satisfactory and is not consistent with the period of the completion of the work then the Bank may terminate the work order by giving a 5 days notice to the contractor.. 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.

- 39 The time allowed for completing the works is **30 days** to be reckoned from **5TH day** from the date of Work Order / date of handing over site whichever is later. Tenderers shall submit a programme (time schedule) for executing the entire project and shall furnish the details of their scheme indicating the proposed deployment of their machinery and resources.
- 40 If the Contractor fails to complete any or all the works by the date/s named in **Clause 39** (Date of Completion) or within any extended time (permitted by Bank) then the Contractor shall pay or allow the Employer the sum to be worked out at **1.0%** of contract value per week to be recovered as Liquidated Damages (and not by way of penalty) for the delay, beyond the said date or extended time, as the case may be, during which the works shall remain unfinished and such damages may be deducted from any moneys due or which may become due to the Contractor. The maximum amount of Liquidated damages shall be **10%** of contract value. The contractor shall be bound to extend validity of Insurance Cover till such period of completion as may be considered necessary at their cost.
- 41 **Extension of time:** If in the opinion of the Employer/ Architects the works be delayed (a) by reason of any exceptionally inclement weather or (b) by reason of instructions from the employer in consequence of proceedings taken or threatened by or disputes, with adjoining or neighbouring owners or (c) by the works, or delay of other contractors nominated by the employer and not referred to in the specification or (d) by the reason of authorized extra and additions or (e) by reason or any combination or works men or strikes or lock-out affecting any of the building trade or (f) from other causes which the employer may consider are beyond the control of the contractor, the employer at the completion of the time allowed for the contract shall make fair and reasonable extension of time for completion in respect therefore. In the event of the employer failing to give possession of the site upon the day specified above, the time of completion shall be extended suitably.
In case of such strikes or lockouts as are referred to above, the contractor shall, immediately give the employer, written notice thereof. Nevertheless he shall use his best endeavours to prevent delay, and shall do all that may be reasonably required, to the satisfaction of the employer for any extension of time for completion hereunder (which shall be final and binding on the contractor) shall be promulgated at the conclusion of such strike or lock-out and the employer shall then, in the event of an extension being, granted, determine, and declare the final completion date. The provision in clause 13 with respect to payments of liquidated damages shall be construed as if the extended date fixed by the employer was substituted for and the damages shall be deducted accordingly.
- 42 The successful tenderer shall be required to execute an Agreement in the proforma attached with this tender document within **7 days** from the date of receipt of the notice of acceptance of tender. In the event of failure on the part of the successful tenderer to sign the agreement within the above stipulated period, the earnest money will be forfeited and the acceptance of the tender shall be considered as cancelled.
- 43 The final bill will be released on satisfactory completion of the entire work and on completion of all the terms and conditions / obligations spelt out and on proper submission of the bill together with the measurements. Final Bill settlement is within 30 days from the date of proper submission of bill & measurements.
- 44 The tenderers shall separately specify at the end of the tender the % and value of SGST and CGST as applicable. As on date 9 % CGST and 9% SGST IS APPLICABLE FOR WORKS CONTRACT. Regarding tax part, the tax rate at the time of billing shall rule over and above all documentations. Valid documents shall be produced if tendered/ asked for at the time before payment. TDS for income tax is as applicable

and shall be included in the quoted rates. The comparison for the least bidder shall be made with the basic price of items of work excluding "Goods and Service Tax" part.

- 45 At any stage i.e. during the execution of work, any kind of change required, whether it is in design or specification, the contractor must inform the concerned Department of the Bank or Architect and after getting the approval, the same has to be incorporated by the contractor.
- 46 Single Power point & Water for work will be provide by bank at free of cost
- 47 The contractor shall not directly or indirectly sublet the work to other party without written permission of the bank.
- 48 The Bank reserves the right to distribute the work for which quotations 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.
- 49 Bank shall not be responsible for any loss or damage to the contractor/labour due to any natural calamity during the course of construction. Contractor is liable to make good all the damages if any, till the work is completed and handed over to the Bank authorities.
- 48 No advance payment shall be made to the contractor on supply of any material supplied at site for execution; Payment shall be made only after completion of the work , submission of proper bills and measurement and checking at the site by Architect and Bank' Engineer.
- 49 Contractor agencies are advised (before quoting the rates) to inspect the site of the proposed work. They must go through specifications and documents. Any clarification, if required, may be taken from the bank before submitting the quote.
- 50 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.
- 51 The contractor /vendor failed to carry out the works as per schedule/Quality, the same shall be carryout with different agencies and the actual amount will be deducted from the contractor bills.
- 52 Payment to the contractor shall be made as per actual work done of site.
- 53 The contractor agency shall keep particular vigil on his workers to maintain very good workmanship of all items, failing which no payment shall be made and no claim of material/labour used shall be made to him in any case, and the same work shall be executed by him again without charging any extra cost.
- 54 The Bank reserves the right to accept/reject any quotes without assigning any reasons.
- 55 Any work got executed in poor workmanship as pointed out by the Bank' Official will have to be dismantled and redone by the Contractor on his own cost.
- 56 Any addition, alteration or correction in the quote shall be signed and stamped properly by the contractor

DECLARATION:

I / We hereby declare that I / We read and understood the above terms and conditions and that we shall abide by them if the work is awarded to us.

Signature & Seal of the Tenderer



ARTICLES OF AGREEMENT

THIS AGREEMENT is made on this day ofmonth of between Indian Bank and having its Zonal Office at 10/379, Rameni Tarauns,, HAMIRPUR – 210301(hereinafter referred to as the “Employer”) which expression shall include its successor, legal heirs and assignees of the one part.

AND M/s. Having its office at (Herein after referred to as the “Contractor”) which expression shall include its successor, legal heirs and assignees of the second part.

WHEREAS the Employer has caused drawings and tender documents for ‘Interior Furnishing Work in New Premises of Belatal Branch, District – MAHOBA”

AND whereas the Employer has called for tender vide ref. no. dated.....

AND whereas the contractor has submitted the tender ref. no. dated to the Employer on

AND whereas the Employer has issued the work order ref dated..... to the contractor to do the work.

AND whereas the Contractor has agreed to execute the work as per drawings, specifications, conditions of contract and Work Order.

AND whereas the Employer has accepted the Contractor’s tender as aforesaid and whereas the tender submitted by the contractor has been accepted for such sum as may be ascertained to be payable in terms of the Bill of Quantities and which sum is estimated to be Rs. (Rupees) herein after referred to as the said “Contract Agreement”.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:-

- 1) In consideration of the said Contract Sum to be paid at the times and in the manner set forth in the said Conditions the Contractor shall carry out and complete the Works in terms and conditions herein contained and according to the general conditions of the contract, notice inviting tender, special conditions of contract, general scope of work, technical specifications, schedule of rates and instructions to be given by and the supervision of and to the entire satisfaction of the Employer.
- 2) **Contract Price, Taxes and Payment Terms :**

Total contract price is Rs. which is inclusive of cost of materials, equipment, installation charges and tools and tackles required for execution of the job. Above price is inclusive of all taxes & duties including excise duty, GST, income tax, octroi etc. in respect of this contract. No claim in this respect will be entertained. Income tax on payments will be deducted and deposited by Employer in accordance with the sales tax law of the state and the provisions of tax deductions at source under income tax act 1961.

- 3) **Completion Period:**

Time is the essence of the Contract. The work is to be completed in all respects within **30 days** reckoned from 5th day from the date of issue of the Work Order or handing over of site whichever is later. If the Contractor fails to complete the job within the agreed time period the Contractor will have to bear liquidated damages as per the relevant clause mentioned in the Tender Documents.

2) **Earnest Money:**

The Contractor has deposited an amount of **Rs.11,000/- (Rupees Eleven Thousand Only)** as earnest money.

3) **Inspection of Site:**

The Contractor has inspected the site before submitting his tender and has satisfied himself as to the nature of the work to be executed on the site. Any difficulties which the Contractor may come across in the course of the work shall in no way relieve the contractor to claim or receive extra payment unless the Employer is of the opinion that such difficulties could not have been foreseen and the Employer consents in writing.

4) **Supply of Material and Labour:**

The Contractor shall arrange all labour, materials, equipments, tools, tackles and everything necessary for the completion of the work. The Contractor will assume all responsibility for the safety, protection and accounting of all material and equipment and the work during construction. All materials used by the Contractor shall be of the best quality conforming to the required specification mentioned in the tender document and will be subject to the approval of the Employer. All such materials not approved by the Employer shall be removed at once by the Contractor at his own expense. The Contractor shall also at his own expense arrange for carrying out any test of materials which the Employer may from time to time require or if so desired by the employer.

5) **Defective Work / Materials:**

If any part of the work done by the Contractor is found defective in workmanship or if bad or inferior materials have been used the Contractor shall at his own risk and cost demolish all such defective work and rebuild the same and / or replace the bad or inferior materials used within a time frame mentioned to the satisfaction of the Employer. The decision of the Employer in this regard shall be final and binding on the Contractor. In case of default of the contractor to remove the defective work and rebuild the same or replace bad or inferior materials as directed by the Employer, the Employer shall be entitled to employ anyone else to carry out the same at risk and cost of the Contractor and recover all expenses incurred in this regard from the contractor.

6) **Inspection of Work:**

During progress of the work the Employer shall be entitled at all times to have access to and inspect the work.

7) **Supervision:**

The Contractor shall provide one or more competent and technical qualified engineers duly and fully authorized to act on his behalf in all matters relating to the works to be carried out under or any other matter concerning this agreement and who shall at all times be present at the works while any work is in progress as per directions, explanations & instructions of Employer.

8) **Compliance with Statutory Regulations & Work Rules:**

The Contractor shall be responsible for complying with the applicable laws / bye laws / Regulations in force from time to time and shall have to bear all statutory liabilities to the workers / personnel engaged for the job. Nothing will be paid extra in this regard. If any amount is paid by the Employer with this regard the same amount shall be deducted from the Contractor's dues. The Contractor shall have to arrange insurance cover for the workers / personnel engaged by him for the job.

9) **Determination of Contract:**

In the event of Contractor failing to keep / adhere to agreed schedule of work, or in the event of the Contractor failing to comply with the provisions of this contract by default and / or negligence and / or suspension of work or in the event of Contractor failing to complete the work within the stipulated period, the Employer may terminate this Agreement forthwith and employ, at the Contractor's risk and cost, another contractor or sufficient number of workmen to complete the work.

10) **Force Majeure:**

This clause will be operative only if the work is delayed by

- a) Acts of God
- b) Earthquake or floods or similar natural calamities.
- c) Serious loss or damage by fire or lightning.

In case any Force Majeure condition herein mentioned occurs and continues for a period exceeding 15 days the parties hereto undertake to sit together and devise ways for expeditious and proper performance of the obligations of the parties under this order.

11) **Arbitration:**

" In the event of any dispute or difference relating to interpretation and application of provisions of the contract and all disputes/claims whatsoever which shall either during the continuance of the contract or afterwards either between the parties to the contract or the respective representatives touching the construction/application of any provision/clause mentioned in the contract or any account or liability between the parties to the contract or as to any act or deed or omission of any party to the contract, in any way relating to these presents, shall be first at the discretion of the Bank attempted to be resolved in good faith by mutual discussion within 30 days of the dispute or question being raised failing which the same shall be settled by arbitration in accordance with provisions of Indian arbitration and Conciliation act 1996.

The Parties concerned shall designate an arbitrator on mutual consent/consensus. The venue of the arbitration shall be exclusively at HAMIRPUR and any award passed by arbitrator shall be final, conclusive and binding upon the parties and shall be deemed to have been made between parties themselves. The parties to the dispute shall share equally the cost of arbitration as intimated by the arbitrator".

IN WITNESS whereof the said contracting parties have set their hands and seals on the day and year first hereinabove witness.

Witness Address

Employer

Witness Address

Contractor

List of Materials of Approved Brand And/ Or Manufacture

List of Approved Make:

Wood	: First class steam beach wood or as specified
Polish	: MRF Polyurethane
Soft Board	: Celotex
Block Board	: Century / Archidply / Greenply / Merino (BWP Grade)
Ply Board	: Century / Archidply / Greenply / Merino (BWP Grade)

Laminates:-

For Partitions/Tables/Counter Surface:-

Century Ply	: 303- Bodensee Beech,
Sunmica	: E-224/1224-Steam Beech,
Formica	: FI-1224(SF)-Steam Beech-I,
Greenlam	: 685-Swiss Pear

For Border & Skirting:-

Century	: 191- Radient Red,
Sunmica	: G-448/1448-Teracotta,
Formica	: FI-1517(SF) Sienna,
Greenlam	: 165- Light Red

Glass : Modi/Saint Gobin

Gyp Board : India Gypsum / Armstrong / St Gobain

Aluminium Sections : Hindalco / Jindal / Nelco or approved equivalent

Locks/Handles : Godrej / Harrison / Hettich

Magnet Catcher : Supreme / Excel

Drawer Sliding Fittings : Earl Bihari (EBCO)/Godrej/ Hettich or equivalent approved.

Floor Spring/Door Closer: Hemco / Hardwin/ Godrej or equivalent approved.

Paint / Enamel : Berger / Nerolac / Asian Paints / Indigo

Cement / Wood Primer : Berger / Nerolac / Asian Paints / Dulux

SL NO	Description	Make of materials
1	PVC Copper Wires- PVC insulated HR-FR-LSH-LF (Heat Resistant Flame Retardant Low Smoke Halogen - Lead Free. (To be ROHS Compliant)	POLYCAB / HAVELLS / ANCHOR
2	MCCB	LEAGRANT / SIEMENS / HAVELLS, ANCHOR / L & T
3	MCB/ DB	HAVELLS / L & T / SIEMENS / ANCHOR / LEAGRANT
4	LT Cable	POLYCAB / FINOLEX / HAVELLS / ANCHOR

5	CHANGEOVER	INDO ASIAN / GE / STANDARD / HAVELLS / ANCHOR / SIEMENS
6	ELECTRICAL FIXTURES	PHILIPS / CROMPTON / HAVELLS / ORIENT
7	GLAND / LUGS	Dowells/comet approved Equivalent
8	INDICATION LAMP	L&T / TEKNIC
9	SWITCH / SOCKET / MS BOXES	ANCHOR (ROMA) / HAVELLS (CRAB TREE) / L& T / LEGRAND
10	PVC ELECTRICAL PIPES & FITTINGS (ISI APPROVED)	AVON PLAST / ASTRAL / ANCHOR / PRECISION /HAVELLS
11	SPEAKER	BOSCH / AHUJA
12	RJ 11 socket / Call Bell & Other Accessories	ANCHOR (ROMA) / HAVELLS (CRAB TREE) / L& T / LEGRAND
13	G.I. Pipes and Fittings (ISI approved)	TATA / JINDAL

Note –

1. Materials mentioned in the specification shall be used for the work. If specified material is not available prior approval of the Employer shall be taken to use other brands.
2. Preference of makes, supply of items should be consulted with client/consultant before effecting of supply.

NAME AND ADDRESS OF THE CONTRACTOR:

SIGN & SEAL OF THE CONTRACTOR:

Date:

Place:

SCHEDULE OF QUANTITIES
**INTERIOR FURNISHING WORK IN NEW PREMISES OF INDIAN BANK
BELATAL BRANCH, DISTRICT - MAHOBA**

S. NO	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
	FALSE CEILING				
1	Providing, fabricating and erecting in position totally flushed suspended false ceiling with 12.0mm thick Gypsum board, fixed to a metal frame work comprising of ceiling channel of size 80mmx26mmx0.5mm @ every 457cm centre, inter channel 45mmx15mmx0.9mm @ every 1220 cm centres, peri-meter channel 20mmx26 mm all along the wall/partitions, strap hanger suspenders 25mmx0.5mm with nuts and bolts 6.4mmx12.7mm, connecting clips 2.6mm thick, dry walls screws 25m long, soffit cleats 27mmx37mmx25mmx1.6mm thick and dash fastenes / rawl plugs 12.5 mm diax35mm long with 6mm dia bolts etc. complete with recommended fillers, paper tapes and applying two coats of acrylic emulsion paint of approved shade and make over a coat of primer including making necessary cut outs for light fittings/ ACs etc. complete as per manufacture's specifications. (Quantity as per layout plan/site requirement)	495.00	Sqft		
2	Providing and fixing 600 mm x 600 mm mineral fiber tiles false ceiling of Armstrong/Gypboard/equivalent approved make of micro look system including suspension system as per manufacturer's specifications and instructions of Architect/ Engineer complete in all respects including making cutouts where necessary for electrical lighting fittings etc. complete all as directed by the Bank. (Quantity as per layout plan/site requirement)	505.00	Sqft		
	WALL PANELLING & COLUMN ENCASING				
3	Supplying and erecting Wall paneling / Column encasing (up to false ceiling) as per drawing and design and conforming to the following specifications : Basic frame work: Framing shall consist of Heavy duty Aluminum Box Sections 50mm x 50mm @ 600mm c/c both ways Horizontally and Vertically. The vertical alternate frames to be fixed to the ceiling with necessary fixtures. Vertical members shall be suitably anchored at ceiling level to ensure rigidity. Skin membrane: 6 mm thick BWP grade plywood on face.	195.00	Sqft		
	Finishing: 1.0mm thick laminate sheet of same or combination shades with grooves as per instructions. Skirting: 100mm high laminate of approved make & shade all as directed. Top Border: 150mm high laminate of approved make & shade all as directed. Note: Quoted rates shall include all necessary materials, accessories and labour and also for making provisions for electrical/telephone/computer wiring, conduits and switch boxes, etc. where ever required. (quantity/location should be restricted only to the central pillars in Banking hall/to hide electrical				

	pipes/AC drain pipes/any prime location)				
	PARTITIONS				
4	CASH CABIN PARTITIONS : Supplying & Erecting full height solid cash cabin partitions (up to false ceiling as per following specifications : Basic frame work: Framing shall consist of Heavy duty Aluminium Box Sections 50mm x 50mm @ 600mm c/c both ways Horizontally and Vertically. The vertical alternate frames to be fixed to the ceiling with necessary fixtures. Vertical members shall be suitably anchored at ceiling level to ensure rigidity. Skin membrane: To be finished with 6mm thick BWP grade plywood on each face with grooves, as per drawings/ instructions. Finishing: 1.0mm thick laminate of same or combination shades with grooves in both faces as per instructions. Skirting- 100mm high laminate of approved make & shade all as directed. Top Border: 150mm high laminate of approved make & shade all as directed. It shall have decorative aluminum grill (from 1200mm to 2100mm) fixed with teak wood beading (size – 30mm x 20mm, as per profile) with melamine finish. The job shall also include for provision of laying conduits, switch boxes etc. The erection of partition shall include for expansion bolts cleats, clamps bolts, nuts, screws, rivets and other accessories, all complete up to the satisfaction of the Architect. All door opening shall have rebated teak wood framework (size – 75mm x 50mm, as per profile) on vertical (2 Nos.) and horizontal (1 No.) sides, with melamine finish and rebate of 40mm x 12mm, all complete up to the satisfaction of the Architect.	255.00	Sqft		
	Quoted rates shall include all necessary materials, accessories and labour and also to make provisions for electrical / telephone / computer wiring conduits and switch boxes, etc. (Materials for wiring, conduits, switches etc. shall be separately paid for)				
5	Supplying and erecting full height/ partly glazed / unglazed partitions as per following specifications: Basic frame work: Framing shall consist of Heavy duty Aluminum Box Sections 50mm x 50mm @ 600mm c/c both ways Horizontally and Vertically. The vertical alternate frames to be fixed to the ceiling with necessary fixtures. Vertical members shall be suitably anchored at ceiling level to ensure rigidity. Exposed frame members in the glazed portions shall have wider spacing (approx. 1200 mm) and be finished with 1.00 mm thick laminate of same or combination shades, over 6mm BWP grade ply. Skin membrane: (Opaque portion up to 900mm from floor level and from 2100mm to ceiling, finished with 6mm thick BWP grade plywood on each face with grooves, as per drawings/ instructions. Finishing: 1.0mm thick laminate of same or combination shades with grooves as per instructions. Glazing: 12mm thick clear float glass fixed with polished teak / steam beech wood glazing beads of approved shape (finished 12 x	220.00	Sqft		

	<p>25mm). Skirting- 100mm high laminate of approved make & shade all as directed.</p> <p>Top Border: 150mm high laminate of approved make & shade all as directed.</p> <p>Quoted rates shall include all necessary materials, accessories and labour and also to make provisions for electrical / telephone / computer wiring conduits and switch boxes, etc. (Materials for wiring, conduits & switches etc. shall be separately paid for)</p>				
6	<p>Supply and erecting low height opaque partitions (up to maximum 1200mm height) conforming to the following specifications :</p> <p>Basic frame work: Framing shall consist of Heavy duty Aluminium Box Sections 50mm x 50mm @ 600mm c/c both ways Horizontally and Vertically. The vertical alternate frames to be fixed to the ceiling with necessary fixtures. Vertical members shall be suitably anchored at ceiling level to ensure rigidity.</p> <p>Skin membrane: 6 mm thick BWP grade ply on each face up to 900mm height.</p> <p>Glazing: 12mm glass in remaining portion,</p> <p>Finishing: 1.0-mm thick laminate of same or combination shades with grooves as per instructions.</p>	105.00	Sqft		
	<p>Edge moulds: All free top/ end surfaces shall have polished teak / steam beech wood moulds of approved shape (from 18 x 50mm sections).</p> <p>Skirting- 100mm high laminate of approved make & shade all as directed.</p> <p>Quoted rates shall include all necessary materials, accessories and labour and also allow provisions for electrical / telephone/computer wiring, conduits and switch boxes, etc. (Materials for wiring, conduits and switch boxes shall be separately paid for.)</p>				
COUNTER & WORK STATIONS					
7	<p>Providing and erecting in position Cash Work Station of approx. size 1370x900x750mm (4.5'x3.0'x2.5'), made of 19mm thick block board pasted with 1.00mm laminate inclusive of a 350mm wide customer top at 1155 mm level.</p> <p>Writing top & customer top should be finished with mirror polished; 18mm thick granite slab (Jet black) with rounded edges and sides with 1.0mm thick laminate of approved shade/make. Both should have sufficient gap in between to accommodate computer monitor up to full depth. The workstations shall be supported from the partition system made of 19mm thick BWP grade block board finished with 1.00 mm thick laminate of approved shade/make. Free edges shall have 18 mm thick, polished white or steam beach wood moldings of half-round profile as per drawings and instructions and 100mm high laminate of approved make & shade all as directed. Each cash workstation shall comprise of the drawer unit, Tea tray at top, Cash drawers with approved telescopic channels for drawer-slides, automatic locks (keys in duplicate), wire managers, space for computer CPU, modesty panel and other necessary hardware and accessories including satin finish S. S. handles of approved quality. Inner face of</p>	10.00	Rft		

	cash counter to be provided with 16G, M.S. sheet, painted with two coats of synthetic enamel paint of approved shade & make, over a coat of approved steel primer. Inner faces shall be painted with two coats of synthetic enamel paint of approved shade & quality over a coat of primer. Skirting: 100mm high laminate of approved make & shade all as directed.				
8	GLASS BARRIER ON CASH CABIN / OFFICER COUNTER Providing & fixing 12mm thick clear float glass on Cash Counters at front & sides, with S S clamps/patch fittings, necessary polished beadings etc complete all as directed by the Bank. Note: Front glass to be fixed in slanting position towards inside cash area with required angle as directed. Above glass to be fixed either in two pieces. Lower piece having one semi-circular/rectangle 6" dia/long opening at customer top level & other piece to be fixed at suitable height making 3" slit for conversation with customer. In this case, only glass area to be measured for payment purpose.) In case of single piece, one semi-circular/rectangle 6" dia/long opening at customer top level & one circular hole of required dia at suitable height for conversation at centre of cash counter to be provided.	75.00	Sqft		
9	ALUMINIUM JALI ON CASH CABIN TOP Providing and fixing of aluminum grill with square size 75mm x 75mm – 8mm, on top of the cash cabins etc. The grill shall be tightly stretched and nailed to a wooden frame work, made out of 50mm x 40mm teak/hard wood (with anti-termite) members at 750mm c/c approx. both ways or as per site conditions. The erection of framework shall include for expansion bolts cleats, clamps bolts, nuts, screws, rivets and other accessories. All teak wood surfaces shall be painted with two coats of synthetic enamel over one coat of primer. The rate shall include cost of all materials, labour, T&P, wastages, etc. required for proper completion of work, all complete to the satisfaction of the Bank.	75.00	Sq.Ft		
10	OFFICER COUNTERS/low level counter Supplying and erecting counters (running tables) 915 mm wide and 750mm high including drawer-cum- cabinet unit for files, space for computer CPU, wire managers, modesty panel, tea tray etc. made with 19mm thick BWP grade block board on top and supporting sides / front with necessary well seasoned Malaysian Sal/ Kail/ Mirandi wood frame work, finished on top with mirror polished 18mm thick granite slab (Jet black) with rounded edges and sides with 1.0 mm thick laminate of approved shade and quality, including providing and fixing 450mm long key board tray of approved shade, hardware and accessories at each of the counter. All exposed edges of block board are to be provided with half round teak wood mouldings, duly polished and 100mm high laminate of approved make & shade all as directed. Inner faces shall be painted with two coats of synthetic enamel paint of approved shade & quality over a coat of primer. Skirting: 100mm high laminate of approved make & shade all as directed. Rate to include charges for brass hardware fittings as well as fixtures like sliding gear for drawers of 'Earl Behari' or equivalent approved make.	20.00	Rft		

	DOORS :				
11	Supplying and fixing in position overall 32 mm thick solid core hot pressed phenol formaldehyde bonded flush door finished with 1.0 mm thick laminate of approved shade and quality on both sides of the door shutter & beading on edges including cost of hardware fittings e.g. Godrej night latch / mortise lock, hinges, door closure, handles etc. of approved make and quality & making provision of peep hole of suitable size with glass& beading all-round all as directed. (Cash/Store/Other doors)	42	Sqft		
12	Supplying and fixing in position 32 mm thick solid core hot pressed phenol formaldehyde bonded partly glazed flush door shutter of approved make finished up to 900 mm from floor level with 1.00 mm thick laminate of approved quality on both sides of the door shutter & beading on edges. The upper portion of the shutter is to be provided with 12 mm thick clear float glass fixed with white or steam beech wood glazing beads of approved design, complete as per drawing. Rate to include cost of hardware fittings e.g. mortise lock, hinges, handles, door closer etc. of approved make and quality. (Manager cabin door)	21.00	Sqft		
13	FLAP DOOR Providing and fixing Flap Door of min. size: 3' (B) X 2'6"(H) made of block board with approved lamination on both side, of required size with hinges/tower bolts/stopper/handles etc complete.	12.00	Sqft		
14	ENTRANCE DOOR (WITH ETCHING, HEIGHT - 8' & GLASS - 12mm THICK) Providing fabricating & fixing in position twin -style door at Main Entrance made of anodized/powder coated Aluminum sections of size 100mm height x 50mm thick aluminum bottom rail, 100mm x 50mm thick vertical and top rail 100mm x 50mm thick lock rail floor spring of ISI make, clip sections and 12mm thick glass(Modi/ Saint Gobain make) including fixing the frame to brick wall/RCC/wooden surfaces with necessary fasteners to have proper fixity including all incidentals etc complete. Glass to be fixed in the grooves of the aluminum sections with necessary materials/beading etc. The job also includes cost of providing & fixing heavy duty double action hydraulic floor spring (ISI mark) in the floor, fixing the door on it, including necessary fixing materials on the lintel/bottom, bolts, locks & satin finish stainless steel decorative tubular handles(approx.300mm long) on both faces complete as per drawing and instructions. All members to be 16 gauge. The vertical shutter rail to house wool packing to act as a sealant for a gap between shutter and frame fixed glazing. The rate should also include cost for decorative etching on the glass.	70.00	Sqft		
15	LOW / FULL HEIGHT STORAGE CABINET Providing and erecting in position low/ full height Storage cabinet : Made of 19 mm thick BWP grade block board including intermediate shelves as per direction, lockable shutters etc. conforming to following specifications: Shutter faces shall be finished with 1mm thick laminate of same or combination shades as per instructions with polished white or steam beech wood (6mm thick) edge lippings and 100mm high teak wood skirting duly polished/ painted as directed. Inner faces	105.00	Sq.Ft		

	<p>of cabinet including shutters shall be painted in approved shade. Shutters will be hung by auto-closing hinges, locks, magnetic door catcher and satin finished S. S. handles etc. of approved make. (Payment will be on the area of cabinet face).</p> <p>Skirting: 100mm high laminate of approved make & shade all as directed.</p> <p>Low Height : Maximum 450mm deep x 900 mm high</p> <p>Full Height : Maximum 450mm deep x 2100 mm high</p>				
16	<p>BRANCH MANAGER TABLE WITH SIDE CREDENZA INCLUDE 12mm THICK GLASS:-</p> <p>Providing and placing in position tables with top, vertical sides/dividers, skirting and modesty panel made out of 19mm thick water proof board with 1mm thick laminate (as/shade approved by the Architect) on all exposed surfaces. It shall also have 75mm x 40mm teak wood runners below the top and for footrest below. Every table shall be provided with a side unit (size – W-500mm, H-750mm, D-500mm approx.), consisting of 150 mm deep drawer at top and a cabinet with open able/hinged shutter below.</p> <p>The facia of drawer and shutter of cabinet below shall be made out 19mm thick water proof board with 1mm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm thick water proof ply. The side unit shall have CAM locks, handles, guides, sliding units, hinges, magnetic catcher's etc. of approved make. Every table shall be provided with a pedestal unit (size – W-550mm, H-720mm, D-450mm approx.) below. The table shall have 100mm deep facia, below the top, in which keyboard drawer unit shall be adjusted. It shall be made out 19mm thick water proof board with 1mm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm thick water proof ply. The unit shall have CAM locks, handles, guides, sliding units etc. of approved make.</p> <p>The job shall include for 6mm x 6mm grooves in between sides and open able drawers and hinged shutters. All the exposed edges of water proof board and ply shall be provided with 6mm thick teak wood/hard wood lipping. All teak wood surfaces shall be melamine polished and other internal surfaces shall be painted with two coats of synthetic enamel over one coat of primer, all complete to the satisfaction of the Architect. Every table top shall be provided with 12 mm thick float glass (as per profile) with polished and beveled (25mm wide) edges all complete to the satisfaction of the Architect. Approx size of table : 1830 x 915 x 750 mm (6.0'x 3.0'x 2.5') or 1524 x 915 x 750 mm (5.0'x 3'x 2.5')</p>	1.00	No.		

17	<p>OFFICER TABLE INCLUDE 12mm THICK GLASS:- Providing and placing in position tables with top, vertical sides/dividers, skirting and modesty panel made out of 19mm thick water proof board with 1mm thick laminate (as/shade approved by the Architect) on all exposed surfaces. It shall also have 75mm x 40mm teak wood runners below the top and for footrest below. The fascia of drawer and shutter of cabinet below shall be made out 19mm thick water proof board with 1mm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm thick water proof ply. Every table shall be provided with a pedestal unit (size – W- 465mm, H-720mm, D-450mm approx.) below. The table shall have 100mm deep fascia, below the top, in which keyboard drawer unit shall be adjusted. It shall be made out 19mm thick water proof board with 1mm thick laminate (as/shade approved by the Architect) and sides and bottom of drawer shall be made out of 12mm thick water proof ply. The unit shall have CAM locks, handles, guides, sliding units etc. of approved make. The job shall include for 6mm x 6mm grooves in between sides and open able drawers and hinged shutters. All the exposed edges of water proof board and ply shall be provided with 6mm thick teak wood/hard wood lipping. All teak wood surfaces shall be melamine polished and other internal surfaces shall be painted with two coats of synthetic enamel over one coat of primer, all complete to the satisfaction of the Architect. Every table top shall be provided with 12 mm thick float glass (as per profile) with polished and beveled (25mm wide) edges all complete to the satisfaction of the Architect. Approx Size : 1372 x 750 x 750 mm (4.6'x 2.5'x 2.5')</p>	0.00	No		
18	<p>PAINTING WORK Painting on undecorated / decorated wall and ceiling surfaces with two or more coats of acrylic emulsion (Asian/Berger make) (as / shade approved by the Architect) of approved brand. It shall include for preparing the surfaces clean, even and smooth with thoroughly brushing with broom, scratching with patti and sand papering respectively, so that the surfaces are free from oil, grease, dirt, mortar droppings & other foreign and loose matter. It shall also include for preparing the surface and filling of holes with plaster of paris before priming coat of whitening / approved primer.</p> <p>The rate shall include cost of all materials such as plaster of paris, whitening /primer, glue (Fevicol), indigo / stainer, brushes, sand paper, patti, dhoti, broom stick, clean water with storage and other containers, labour, scaffolding / ladder charges, cleaning of floors and other sundries etc., all complete to the satisfaction of the Architect.</p>	3950.00	Sqft		
	MISCELLANEOUS ITEMS :				
19	<p>SLIP & CUSTOMER WRITING DESK Providing and fixing in position (with rear wall) slip and customer writing desk (as per design) of overall size – 1200mm x 450mm x 300mm. The fixing shall include for expansion bolts, cleats, clamps, bolts, nuts, screws, rivets and other anodized accessories, all complete up to the satisfaction of the Architect.</p>	1.00	No.		

	<p>The writing top and facia/sides shall be made out of 19mm thick water proof board with 1mm thick laminate (as per shade approved by the architect), on all sides and . It shall be laid over the base of 19mm thick water proof board (already considered in various items.) and fixed with araldite. It shall include for beveling and polishing at all the exposed edges. The rate shall include cost of all materials, labour, scaffolding, wastages, polishing and T& P etc. It shall be made out of 12mm thick water proof plywood (two surfaces of 6mm thickness, fixed together, where required) on rear and both sides. The front shall be made out of 12mm thick glass (as per profile). It shall be fixed in the grooves, made in side members, in an inclined manner (as per profile in drawing enclosed) with a gap of 75mm (max.) in between. The space shall be further divided in four equal parts with help of 12mm thick water proof plywood. All edges of the glass shall be polished. All the exposed edges of water proof board and plywood shall be provided with 6mm thick teak wood/hard wood lipping. All teak wood surfaces shall be melamine polished and other internal surfaces shall be painted with two coats of synthetic enamel over one coat of primer, all complete to the satisfaction of the Architect</p>				
20	<p>CHEQUE DROP BOX / SUGGESTION BOX Supplying and erecting cheque drop box / suggestion box (over all size 400mmx150mmx600mm) made of 19 mm thick BWP grade ply board and curved portion at top made out of 90mmx90mm C.P. teak/steam beach wood section. A slit opening of 10mmx150mm is to be provided at the top of the box. An openable shutter of 259mmx262mm size made of 19 mm thick BWP grade block board is to be provided. The entire exposed timber surface including all free edges is to be finished with 1mm thick laminate sheet of combination shade. Inner faces shall be painted with two coats of synthetic enamel paint of approved shade & quality over a coat of primer. Rate to include cost of necessary hardware fittings e.g. hinges, lock, knob, etc. of approved design and quality.</p>	2.00	Nos.		
21	<p>NOTICE BOARD Providing and fixing in position notice board (as per design) of size – 900mm x 600mm x 150mm. The sides shall be made out of 19mm thick water proof board with 1mm thick laminate (as per shade approved by the architect) on all exposed surfaces. It shall have 12mm thick tack The front shall have 6mm thick float glass sliding shutter in two parts. It shall also have 19mm wide two track aluminum channel for sliding arrangement, all around, along with locking arrangement. Board (Make – Cellotex or equivalent) wrapped with stretched blazer cloth (Make- Raymonds), of Rs. 200.00 per Mt. (approx.) in colour and pattern approved by the Architect. It shall be fixed with help of kail/partal wood (sect. 19mm x 25mm) frame work. It shall be covered with 6mm thick water proof plywood, on the back. All the exposed edges of water proof board and ply shall be provided with 6mm thick teak wood/hard wood lipping. All teak wood surfaces shall be melamine polished and other internal surfaces shall be painted with two coats of synthetic enamel over one coat of primer, all complete to the satisfaction of the Architect.</p>	1.00	Nos.		

22	ETCHING WORK & BANK LOGO FOR BRANCH Etching for Toughened glass (Branch and ATM), Etching for Cash Cabin Glass, Etching for Front counters. Etching work on glass with chemicals (as per design and profile) as and where required. The rates shall include cost of all materials, labour, T& P, wastage, transportation etc. required for proper completion of work. It shall be made out of following profile.- Bank's logo (300mm dia. / 300mm x 300mm).All complete to the satisfaction of the Architect. Etching work on glass with chemicals (as per design and profile) as and where required. The rates shall include cost of all materials, labour, T& P, wastage, transportation etc. required for proper completion of work. It shall be made out of following profile.-Bank's logo (300mm dia. / 300mm x 300mm).All complete to the satisfaction of the Architect.	1.00	L.S.		
23	MAIN PANEL BOXING Providing & fixing in position 2"x2" kailwood frame and finished with 6 mm thk. Ply on Outer sides with 1.0 mm thk & Inner Side of Storage Paste 1.5 Thick Aluminum Tubular Section of Approved Colour Pattern. Front Side of Storage Aluminum Jali for Ventilation of the Panel & the Measurement of the Storage only front Facia of the Storage (Lenth x Height). All work Complete to the Satisfaction of the Bank /Architect.	45.00	Sqft		
24	ACP PANNELING ACP Panneling & Rolling Shutter Box. Frame Work-2" X 2" X 1.5 mm thick Aluminium Tubular section (Horizontal/Vertical) Jindal Make Aluminium Composite Panel-3.0mm thick of approved colour with bonding material	195.00	Sqft		
25	VERTICAL BLINDS Providing & fixing in position vertical blinds of Vista as per approved colour by Bank's Engineer & Architect	0.00	Sqft		
26	SLIDING ALUMINIUM WINDOW WITH BOMBAY SLIDERS Aluminium sliding window with bombay sliders. This would include all necessary hardware & complete with all respects.	0.00	Sqft		
GRAND TOTAL AMOUNT					

SCHEDULE OF QUANTITIES
**INTERIOR FURNISHING WORK IN NEW PREMISES OF INDIAN BANK
BELATAL BRANCH - ATM , DISTRICT - MAHOBA**

S.NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
FALSE CEILING					
1	Providing, fabricating and erecting in position totally flushed suspended false ceiling with 12.0mm thick Gypsum board, fixed to a metal frame work comprising of ceiling channel of size 80mmx26mmx0.5mm @ every 457cm centre, inter channel 45mmx15mmx0.9mm @ every 1220 cm centres, peri-meter channel 20mmx26 mm all along the wall/partitions, strap hanger suspenders 25mmx0.5mm with nuts and bolts 6.4mmx12.7mm, connecting clips 2.6mm thick, dry walls screws 25mm long, soffit cleats 27mmx37mmx25mmx1.6mm thick and dash fastenes / rawl plugs 12.5 mm diax35mm long with 6mm dia bolts etc. complete with recommended fillers, paper tapes and applying two coats of acrylic emulsion paint of approved shade and make over a coat of primer including making necessary cut outs for light fittings/ ACs etc. complete as per manufacture's specifications. (Quantity as per layout plan/site requirement)	18.00	Sqft		
2	Providing and fixing 600 mm x 600 mm mineral fiber tiles false ceiling of Armstrong/Gypboard/equivalent approved make of micro look system including suspension system as per manufacturer's specifications and instructions of Architect/ Engineer complete in all respects including making cutouts where necessary for electrical lighting fittings etc. complete all as directed by the Bank. (Quantity as per layout plan/site requirement)	45.00	Sqft		
3	UPS PARTITION full ht. with ACP all spaecification same as item no.-7	60.00	Sqft		
4	Providing and Fixing in Position toughened glass door with 12 mm thick toughned glass with 3M security film complete in all respects with 2 Ozone patch fittings including top patch(OPF-02),BOTTOM PATCH (OPF-03)angle lock(OPL-01)TOP PIVOT (OFS-ACC-GDP)Floor Spring (FS8400) and handle (OGH-55) 32mm x 457 mm all item included.	30.00	Sqft		
5	Providing and fixing External Fixed Glazing same specification as per item no.-4 made out of Sal wood with top runner of section size 4"x 1.5" while bottom runner to be of 6"x 1.5" size. The two vertical members shall be of 4"x 1.5" section. The frame shall be covered with 4 mm ply & 1 mm the laminate. The glass shall be 8 mm th clear plain glass with anti-shatter film fixed on it.	28.00	Sq.Ft.		
6	ACP PANNELING (As per colour Code)	155.00	Sq.Ft.		
	ACP Panneling & Rolling Shutter Box.				
	Frame Work-2" X 2" X 1.5 mm thick Aluminium Tubular				

	section (Horizontal/Vertical) Jindal Make				
	Aluminium Composite Panel-3.0mm thick of approved colour with bonding material				
7	Glow SignBoard:- Signage including lighting MS square pipe of 1" X1" -18 gauge for framing with one coat of red oxide & 2 coats of oil paint to avoid rusting 3" stainless steel Hinges at every 2 on top and alan key lock at bottom for easy maintenance of electrical. Powder coated 24 gauge GI sheet on all top, bottom & sides. 26 gauge GI sheets at the back Timer : LDR based timer make Kakatia energy system or GE/L&T Make with 5 years comprehensive warranty from manufacture of the flex/vinyl and substrate for Indian weather and dust conditions without any restrictive sub clauses. Copy of valid warranty to be provided to the bank.	Sq.ft.	0.00		
8	Acrylic Emulsion with POP Base.				
	Painting on undecorated / decorated wall and ceiling surfaces with two or more coats of acrylic emulsion(Asian/ Berger make) (as / shade approved by the Architect) of approved brand. It shall include for preparing the surfaces clean, even and smooth with thoroughly brushing with broom, scratching with patti and sand papering respectively, so that the surfaces are free from oil, grease, dirt, mortar droppings & other foreign and loose matter. It shall also include for preparing the surface and filling of holes with plaster of paris before priming coat of whiting / approved primer.	SFT	225.00		
	The rate shall include cost of all materials such as plaster of paris, whiting /primer, glue (Fevicol), indigo / stainer, brushes, sand paper, patti, dhoti, broom stick, clean water with storage and other containers, labour, scaffolding / ladder charges, cleaning of floors and other sundries etc., all complete to the satisfaction of the Architect.				
9	Providing and applying Enamel paint three coats of 1st quality white enamel paint including scraping the surface clean, primer & putty complete.	SFT	128.00		
10	VISUAL MERCHANDISING				
	Designer level customized Information panel, Writing ledge, drop (One each)	No.	1.00		
	GRAND TOTAL AMOUNT				

SCHEDULE OF QUANTITIES

ELECTRICAL & DATA CABLING WORKS IN NEW PREMISES OF INDIAN BANK BELATAL BRANCH, DISTRICT - MAHOBA

S. No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE Rs	AMOUNT Rs
A.	POINTS & WIRING				
1.	LIGHTS POINTS				
1	Wiring for light point/ fan point/ wall fan point/ exhaust fan/ light sockets etc. with 1.5 sq mm. PVC insulated 1100 V Grade copper conductor (FRLS) wires & 1.5 sq mm. copper earth wire in concealed/ surface using 16 SWG MS conduits, accessories such as bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose etc. (where ever required) and chromium plates brass screws/ rowel plug etc. The circuit wiring starting from DB to point control box/ switch box using 2 X 2.5 sq mm PVC insulated 1100 V grade multi stranded copper conductor wire & 2.5 sq mm. PVC insulated earth wire (color code to be used). (Flexible conduit/ elbow not allowed). The conduit to be laid in ceiling with proper clamps/ wall/ floor and filling the chase with cement mortar and finishing the same in original form/ wooden partition/ above false ceiling with proper clamps etc. all complete.				
	(Wherever required as per standard specifications)				
	i) Each circuit shall have independent earth wire.				
	ii) Each point shall be earthed.				
	iii) Circuit wiring is to be included in point wiring rates.				
i	Primary points controlled by one 6 amp. Modular switch.	Nos.	32		
ii	Secondary light points controlled by one 6 amp. Modular switch.	Nos.	10		
iii	One call bell point with ceiling rose/ 6amp. 3 pin socket controlled by one 6 amp. Push Modular switch. With call bell	Nos.	1		
iv	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc. Dependent	Nos.	8		
v	Same as serial no 1 but using 2*2.5 + 1*2.5 Sq.mm Copper Conductor FRLS wires from DB to first 6A, 5 Pin modular socket controlled by one 6A switch and looped to the nearest second point with same 2*2.5 + 1*2.5 Sq.mm copper conductor wires FRLS insulated 1100V grade (max 3 points per circuit).				
a	Primary Point	Nos.	4		
b	Secondary Point looped	Nos.	5		

2	POWER POINTS				
	Same as serial no.1, but wiring for 16 Amp, 6-pin sockets by using 2*4 sq mm. PVC insulated 1100 V grade copper conductor wire with independent 1* 4.0 sq.mm earth wire from D.B. to first point 1st socket and 1st to 2nd, socket with 2*2.5 sq.mm and 1*2.5 earth wire including providing and fixing of 16 Amp, 6 –pin socket with 16 Amp. Switch. (Modular type switch/ socket/ plate etc. complete assembly) max 2 points per circuit.				
a)	Primary Point	Nos.	8		
b)	Secondary Point	Nos.	4		
3	AC POINTS FOR INDOOR & OUTDOOR UNITS				
3(a)	Same as serial no.1, but wiring for A/C socket by using 2*4 sq mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*4.0 sq mm. PVC insulated 1100 V grade copper conductor wire with modular type AC box (tiny trip type) with socket complete in all respects controlled by 25/32 A SP MCB to be provided near indoor unit. The point starts from DB to stabilizer to the point near the indoor unit including top.	Nos.	5		
4	COMPUTER POINTS				
a	Wiring with 2x2.5 sq.mm. + 1x2.5 sq.mm. PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 3 nos. 6 amps. 5 pin modular type sockets, one 6 amps modular switch with all accessories, inner/ outer plates, metal box etc. and to be fixed on wooden partitions/ by grouting on wall etc. as per requirement at site. The switch should be fixed above the top of counter with indicator and sockets under the counter b) Same as above but looped from the above 1st point to 2nd, point and 2nd point to 3rd point. (Maximum 3 points in a circuit)				
	Primary Points	Nos.	10		
b	Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm PVC insulated 1100 V grade multi stranded copper conductor wires in 2mmthick PVC conduit from UPS DB to computer point. Each point to have 1 nos. 16 amps 5 pin modular type sockets, 1 No's 16 amps modular switch with all accessories, inner/ outer plates , metal box etc and to be fixed on wooden partitions/ by grouting on wall etc as per requirement at site. The switch should be fixed above the top of counter and sockets under the counter. or as directed by the engineer in charge for the rack supply in PA rack, CCTV b) Same as above but looped from the above 1st point to 2nd point (Maximum 2 points in a circuit)				
	Primary Points	Nos.	2		

B.	CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING FOR T.V. SYSTEM.				
1.0	TELEPHONE SYSTEM				
1.1	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	2		
1.2	Supplying, laying, effecting terminations, testing and commissioning of 0.51 mm dia Cu. Conductor, twisted, colour coded with polythene capor barrier, telephone cables in the existing tray or in conduit including providing & fixing conduit pipe or cable tray as required from building tag block to the floor as required.				
a)	Supplying & fixing 20 pair krone tag block with enclosure.	Nos.	2		
b)	P/L 20 Pair of PVC insulated PVC sheathed multi core jelly filled armored telephone.	Mtr.	15		
2.0	COMPUTER NETWORKING				
2.1	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	11		
2.2	Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	Nos.	1		
2.3	Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	1		
2.4	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	11		
2.5	Supplying and fixing Patch Cord-1 Meter-	Nos.	11		
3.0	Supply and fixing of 1.6 mm thick G.I. Box along with RG 6 T.V Co axial socket with Cover Plate.	Nos.	1		
C.	CABLES, MAINS & SUBMAINS				
1	Supplying all materials and laying/ pulling 1100 volts grade PVC insulated copper conductor wires (FRLS) in MS conduit with all fixing accessories after cutting the floor, wall and the like etc. and plastering the floor level to original. Conduit must be 30 mm below the floor finish level.				
i	2 X 4 sq.mm. + 1 X 4 sq mm.	RM	20		
ii	2 X 6 sq.mm. + 1 X 6 sq mm.	RM	16		

iii	2 X 10 sq.mm. + 1 X 6 sq mm. (Branch UPS DB)	RM	18		
iv	1 X 10 sq mm. Cu wire for earthing. (UPS Input/Output)	RM	18		
v	Supplying, laying, testing & commissioning of 4 C X 10 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (Light DB).	RM	18		
vi	Supplying, laying, testing & commissioning of 4 C X 25 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (Power + AC DB).	RM	12		
vii	Supplying, laying, testing & commissioning of 3.5 C x 50 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armored cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories , Clamps etc. as required as per specification. (Mains)	RM	10		
D.	DISTRIBUTION BOARD				
	Supplying, installing, testing & commissioning of surface/recessed mountings, Double door 415 volts TPN MCB distribution board of steel, 1.6 mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper bus bars, earth bar, common neutral link, din bar for mounting of MCB's detachable gland / knock out plate & with built in loose wire box, and superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and up to the terminal connectors/ neutral link and ready for installation of following ways as required.				
	Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for motor duty i.e. for pumps, AC motors, window and split AC's etc. & 'D' curve for UPS DB's i.e. for computers/ PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B, C & D. Contractor to select the MCB's accordingly as per the nature of the circuit/ load.				
	Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.				
	UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.				
	All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating.				
	Inside each DB, a DB chart is to be fixed.				

a	4-way TPN DB (LIGHT DB)	No.	1		
	Incomer:-				
	1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase				
	Outgoing:-				
	6 Nos.6/10 Amp (10 KA) SP MCB				
b	4-way TPN DB (Power DB)	No.	1		
	Incomer :-				
	1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase				
	Outgoing :-				
	6 Nos. 10/16/25/32 Amp (10 KA) SP MCB				
c	4-way TPN DB (AC DB)	No.	1		
	Incomer :-				
	1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase				
	Outgoing :-				
	6 Nos. 10/16/25/32 Amp (10 KA) SP MCB				
d	4-way SPN DB with 2 Nos. 40 A (10 KA) DP MCB (For UPS Input)	No.	1		
e	(2+8)-way SPN DB (For UPS Sub DB)	No.	1		
	Incomer:-				
	1 No. 40 Amp DP (10 KA) MCB with 25 A DP RCCB (100 MA)				
	Outgoing:-				
	6 Nos.6/10/16/25Amp (10 KA) SP MCB				
f	8 Way SPN DB for E- Lobby complete with lock & Key Arrangement with 40A DP MCB & 32 A DP RCCB (100 mA) and Outgoing as 4 No's of 6/10/16/25/32 A SP MCB as directed by the engineer in charge for E-Lobby AC- 2 No's and Light.	Nos.	0		
g	6 Way SPN DB for E- Lobby complete with lock & Key Arrangement with 25 A DP MCB & 25 A DP RCCB (100 mA) and Outgoing as 4 No's of 6/10/16/ SP MCB as directed by the engineer in charge for E- Lobby UPS points.	Nos.	0		
E	(LIGHT FITTINGS & ACCESSORIES)				

	Supplying, installation with hanging support, testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as per the directions of Engineer-in-charge (All LED Light Fixtures should be covered with minimum 3 Years onsite replacement warranty).				
i	LED 18 W tube 4'-0" As specified in tender document or approved by/Architect.	Nos.	9		
ii	FULL GLOW 2 X 2 LED 36 W slim Smart Panel of make As specified in tender document or approved by Architect.	Nos.	9		
iii	Supplying, fixing, testing and commissioning of 15 W LED commercial type down lighter of make As specified in tender document or approved by Architect.	Nos.	20		
iv	LED Strip for cove lighting 15 W per 5 M with driver and necessary installation fittings Led strip light (5 mtr.) make as specified in tender document or approved by Architect.	Nos.	10		
v	Supply & fixing of the 1200 mm 48") Sweep Ceiling fan with downward rod(below false ceiling), canopy etc. including of PVC flexible copper wire.(white colour)(High speed) (Warranty Certificate is necessary)with downward rod, circular boxes, ball sockets, ceiling plates, suitable arm bracket etc. including connection with wire) White colour (WITH REGULATOR)	Nos.	2		
a	Wall mounted fans (METAL BODY) 400 mm dia. make As specified in tender document or approved by concerned office in charge.	Nos.	11		
b	Supply & fixing of 230 mm exhaust fan 'Ventilair DX W' with self-closing louvers and plastic body with all accessories etc. complete of make As specified in tender document or approved by concerned office in charge.	Nos.	2		
F.	EARTHING SYSTEM				
1	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Nos	1		
2	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Nos	1		
3	Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required.				

i	25 mm x 3 mm copper strip in B-class GI pipe	RM	12		
ii	25 mm x 5 mm GI strip	RM	10		
iii	Providing and fixing 2 X 8 SWG dia. Cu earth wire in PVC conduit on surface or in recess for loop earthing along with the existing surface/ recess cable as required.	RM	16		
G.	MAIN PANEL AND METER BOARD				
	Designing, fabrication, supply, installation, testing and commissioning of front operated cubicle type compartmentalized, front access, free standing on 75MM "I" MS channel, dust and vermin proof (IP 42 degree protection) panel suitable for use at 415V, 3 phase, 4-wire 50Hz system suitable for fault level of required value symmetrical at 415V fabricated from 2mm thick CRCA MS sheets with hinged, gasketted (Metal based neoprene) lockable doors having structural reinforcement including 3mm thick gland plates on top and bottom, lifting hooks, GI earth strip of required size with 2 no's earth terminals, 2 no's 230V AC operated 250 mm X 250 mm size axial fans for exhaust of heat with On-Off toggle switches including 2 coated primer and 2 power coated paint finish of approved shade over metal surface cleaned and treated with seven tank process complete with interconnections etc. as per specifications as required. Main panel board of approved make (Should be CPRI Approved, Type of Approval as instructed by the concerned office in charge)				
	As per the following specifications, (Part IV - Substation) and IS: 8623 comprising of followings panel mounting switchgears etc. as required, should be CPRI Approved. IS: 8623 comprising of followings panel mounting switchgears etc. as required, should be CPRI Approved. Note: Type of CPRI testing shall be as per Architect/ Bank's instructions. All switchgears shall have provision for entry of cables from the top or bottom through Cable Alley.				
	All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The bus bars insulation shall be with heat shrinkable sleeves SMC/ DMC shrouds and bus bar supports shall be used. Padlocking facility shall be provided on all outgoing feeders' doors and switch handles shall be lockable in OFF position.				
	Suitable arrangement shall be made for termination of multiple incoming cables.				
	All KA values indicated shall be ICS breaking capacity				
	GA drawings shall be got approved by concerned office in charge.				
a.	Floor panel shall consists of : -				
	INCOMER				

	1 no. 100 Amp 4P On Load Change over switch with 1 No. 100 Amps,TPN MCCB (25 KA) with extendable rotary handle each thermal over current, instantaneous, Short circuit release, Earth fault.				
	BUSBARS				
	125 amps TPN pole bus bar chamber of suitable length with copper bus bars. All bus bars and interconnections shall be of suitable size copper strips.	Set	1		
b.	INDICATING PANEL				
	Digital flush type class-1.0 accuracy multifunction meter showing V, A, PF etc. with 3 Nos. Current Transformers of 125/5A ratio, 15 VA Class-1.0 metering. - 1 sets				
	Red/Green/Amber ON/ OFF/ TRIP indicating lamps with 2A SP MCB backup protection.				
	1 set of three phase indicating lamps along with 2A SP MCB backup protection.				
	Restricted Earth fault relay with 3 Nos. current transformers of 125/5 ratio, 15 VA Class 5P 10 (Numeric Relay not required.)				
	Under voltage, Overvoltage & phase reversal relay for persisted voltage of 105-180% & 20-95% of rated voltage (Numeric Relay not required).				
	OUTGOINGS:-				
	2 Nos 40 A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For Light DB & Spare)				
	3 Nos 40 A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars.				
	2 Nos 63 A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (for AC and Power DB)				
	The electrical panel as described above and specifications complete.	Set	1		
c.	9U Equipment Rack complete with mounting unit, speaker, power supply control etc. President make suitable for 1x70 watts amplifier system With all terminating set up.	Nos.	1		
I	OUTDOOR TYPE GLOW SIGN BOARD WIRING				
a.	Supply laying of Main line with 2x2.5 + 1x 1.5 Sq.mm through MS conduit from main panel	Mtr.	10		
b.	To Glow Sign Board				
	Supply installation of 16 Amp. DP MCB at main entrance Glow sign Board with Timer of reputed make	Nos.	1		
J	GENSET WIRING				
a.	Supply laying fixing Main power with (3.5 core 35 Sq.mm/As per requirement & load calculation of DG Set) PVC insulated,PVC sheathed (Alu/CU conductor/Selection based on Load requirement) ,1100 V, grade armoured cable complete with 02 nos. 8 SWG bear GI wire/ As per	Mtr.	10		



	requirement & load calculation of DG Set				
b.	End termination of 3.5 core 50 Sq.mm armoured cable, complete with brass	Nos.	2		
	cable Gland, Alu Lug, PVC tape (Selection based on Load Analysis/ As per requirement & load calculation of DG Set/Standard IS Rule)				
	GRAND TOTAL AMOUNT				

SPLIT TYPE AIR CONDITIONERS					
A.	PART -A				
	HIGH SIDE WORK				
Sr.	Description	Unit	Qty	Rate	Amount
B.	PART -B				
	LOW SIDE WORK				
1	EXTRA REFRIGERANT PIPING				
	Supplying and laying of Extra copper refrigerant piping with nitrile rubber pipe insulation, both of size as specified by the manufacturer suitable for 1.0 TR/ 1.5/2.0 TR Split type AC and 2.0/3.0 TR Cassette AC (From Indoor to outdoor Units) Beyond 3 M.				
a	For 1.0 T Split unit	Mtr.	12		
b	For 1.5 T Split unit	Mtr.	70		
2	DRAIN PIPING				
	Providing and fixing drain piping up to drain as directed by the engineer in charge with all accessories e.g. elbows, unions, sockets, reducers, reducing tees, nipples etc. Complete job including cutting chiseling in walls, fixing with GI clamps, floor and making good of all chases/ cuts etc. and discharging the drain into a floor trap/ gully as per site conditions with insulation, both as specified by the manufacturer.				
a	25 mm dia PVC drain pipe for Split AC	Mtr.	40		
5	ELECTRICAL CABLES				
	Suitable IS/BIS standard Cable of 1.1-2.2 KV, Multi strand, FRLS 2- 4 C / 1.5/2.5 -6.0 Sqmm) as per design requirement of Peak load calculation of specific ACs system installed at site with 1"/1/2"/2" PVC conduit pipe between indoor/outdoor unit				
a	Supplying and laying of Extra Electrical interconnecting control cable from indoor to outdoor of size as specified by the manufacturer suitable for 1.0 TR/ 1.5/2.0 TR Split type AC.	Mtr.	70		
	PART B -LOW SIDE WORK TOTAL AMOUNT				

SCHEDULE OF QUANTITIES

ELECTRICAL & DATA CABLING WORKS IN NEW PREMISES OF INDIAN BANK BELATAL BRANCH - ATM, DISTRICT - MAHOBA

S. NO	DESCRIPTION OF ITEM	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1	Light & Fan points				
	Supply & Installation of concealed point wiring using 600v grade 3x1.5 Sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through heavy gauge 19mm PVC conduit pipe heavy duty concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement including 2 Nos. 2.5 sqmm circuit wires from the relevant DB and also including 1.5 sqmm green color copper earth wire and switch plate, switches, etc. as approved by the Bank's Engineer/Architect. All switch & sokets shall be modular type complete with cover plate & GI/ MS box. The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 600mm interval & finally finishing the surface & matching the same with the existing surface.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.The job shall be complete & to the entire satisfaction of the Bank.				
a	Light points + AFF points including the cost of 6A switch	Point	5.00		
c	Wall Fan Point along with 6A switch	Point	2.00		
d	6A switch & Socket on SDb	Point	1.00		
	<u>RAW POWER POINT</u>				
2	Single Power Points - Supply & Installation of point wiring for Raw power plug points on workstations / table for computers using 2 X2.5 + 1x1.5 Sq.mm copper conductor PVC sheathed flexible wire pulled through heavy gauge 19mm PVC conduit pipe heavy duty concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. Each point consisting of 1 nos of 16A , 2/3/5 pin sockets & 1 No.16A Switch wired together forming one point. The earth wire of green color only. All switch & sokets shall be modular type complete with cover plate & GI/ MS box. The work shall also include for cutting chase for conduits and moulded boxes, if required, in the wall/ floor (Without damaging the building/wall) along with clamping the conduit at every 600mm interval & finally finishing the surface & matching the same with the existing surface.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.The job shall be complete & to the entire satisfaction of the Bank.	Point	2.00		
3	Glow sign Board - Circuit wiring with 2x2.5sq.mm + 1x 1.0sq.mm stranded Cu. conductor (Finolex/Anchor/Skytone) to be laid in 19 mm PVC pipe heavy duty laid & concealed in wall/ floor/ panelling/ partitions or above false ceiling as per requirement. The rates should include the cost of all materials, labour, T&P, taxes & levies, scaffolding, shifting of furniture,	JOB	1.00		

	carting away the debris and cleaning the floor etc. The job shall be complete & to the entire satisfaction of the Bank.				
	F - FIXTURES & FITTINGS				
4	FULL GLOW 2 X 2 LED 36 W slim Smart Panel of make As specified in tender document or approved by Architect.	Each	1.00		
5	Supplying, fixing, testing and commissioning of 15 W LED commercial type down lighter of make As specified in tender document or approved by Architect.	Each	6.00		
6	S/F of 1*36watts Fluorescent Tube light fitting c/w cost of 1X 36w fluorescent tube light- Tarang Electronic 4' TMC090 1Xtd36W HF-Philips	Each	1.00		
7	Wall mounted fans (METAL BODY) 400 mm dia. Make As specified in tender document or approved by concerned office in charge.	Each	2.00		
8	Electricals with UPS cabling DB to be fitted on the Rack				
	Providing and fixing Main switch 63 A 415 V TPN with HRC fuse. Modular distribution board comprising of Incomer three phase 63 A Isolator 6 nos. 10 A Single pole MCBs. Two Double Pole 63 A MCBs. 6 no. switch sockets 5/15A. 4 Nos. of 20 A metal clad sockets with matching plug. All wiring to be ISI FRLS cables. Lighting points including circuit wiring with 1.5 sq.mm. copper wire in 2 mm thick PVC conduit 19 mm for a length of 5 meters 10 nos. UPS and AC Input and output wiring - 4 sq.mm. copper wires through 19 mm PVC 2 mm thick conduits. Single line diagram showing the lighting, power & UPS power distribution in ATM room with size and rating of wires, etc. to be incorporated and attached to the specifications. Mains cabling: 10 Sq. mm. COPPER CABLE OF ISI make All Switches, MCBs, ELCBs, cables to be ISI make: Crabtree, Havells, Anchor Roma, MK, Indokrupp, Finolex, Siemens	Unit	1.00		
9	Same as serial no.1, but wiring for A/C socket by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*4.0 sq.mm. PVC insulated 1100 V grade copper conductor wire with modular type AC box (tiny trip type) with socket complete in all respects controlled by 25/32 A SP MCB to be provided near indoor unit. The point starts from DB to stabilizer to the point near the indoor unit including top.	Nos.	2		
2.0	COMPUTER NETWORKING				
2.1	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	2		
	GRAND TOTAL AMOUNT	TOTAL			

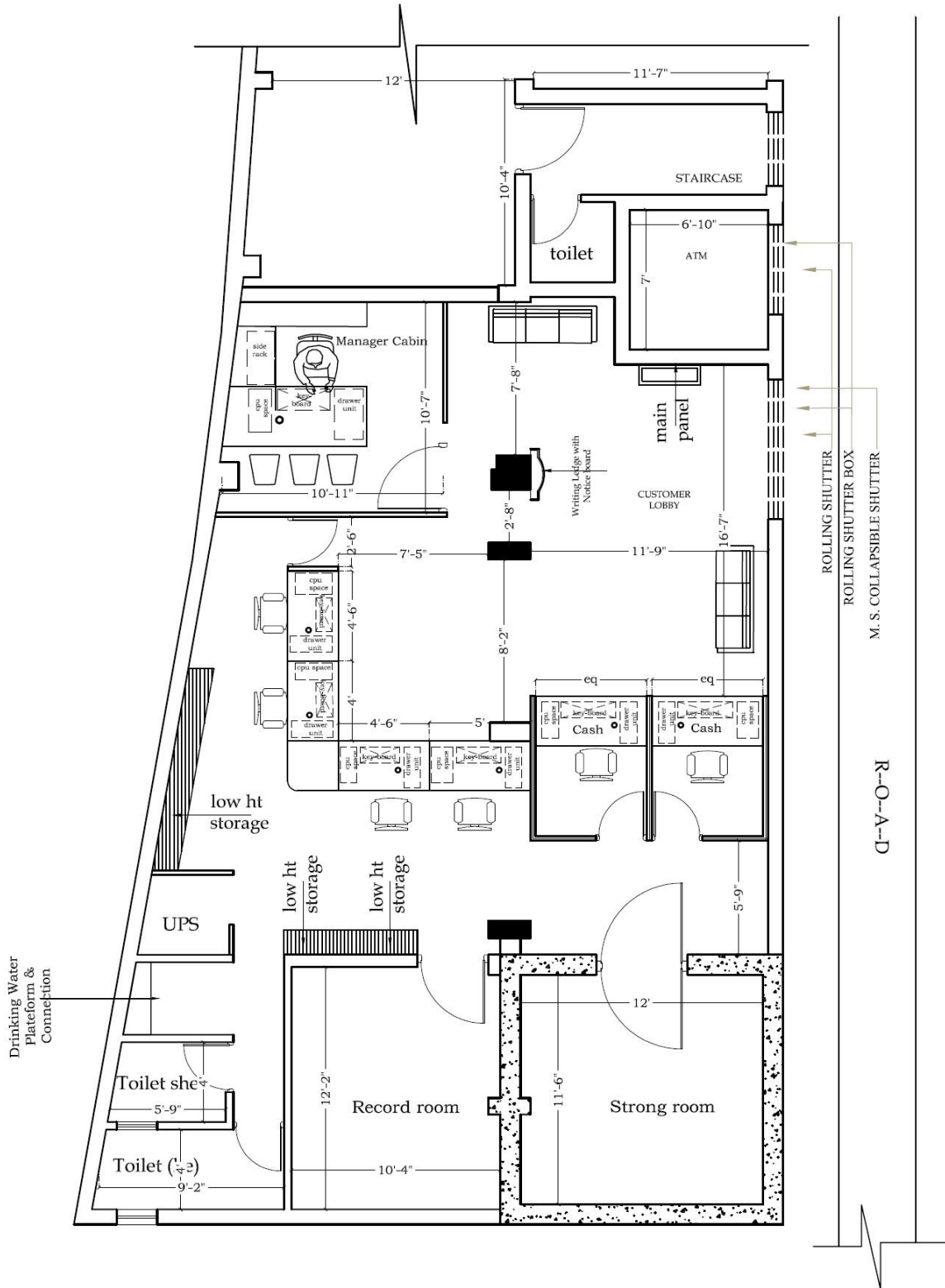
SPLIT TYPE AIR CONDITIONERS					
A.	PART -A				
	HIGH SIDE WORK				
Sr.	Description	Unit	Quantity	Rate	Amount
B.	PART -B				
	LOW SIDE WORK				
1	EXTRA REFRIGERANT PIPING				
	Supplying and laying of Extra copper refrigerant piping with nitrile rubber pipe insulation, both of size as specified by the manufacturer suitable for 1.0 TR/ 1.5/2.0 TR Split type AC and 2.0/3.0 TR Cassette AC (From Indoor to outdoor Units) Beyond 3 M.				
a	For 1.0 T Split unit	Mtr.	4		
b	For 1.5 T Split unit	Mtr.	20		
2	DRAIN PIPING				
	Providing and fixing drain piping up to drain as directed by the engineer in charge with all accessories e.g. elbows, unions, sockets, reducers, reducing tees, nipples etc. Complete job including cutting chiseling in walls, fixing with GI clamps, floor and making good of all chases/ cuts etc. and discharging the drain into a floor trap/ gully as per site conditions with insulation, both as specified by the manufacturer.				
a	25 mm dia PVC drain pipe for Split AC	Mtr.	10		
5	ELECTRICAL CABLES				
	Suitable IS/BIS standard Cable of 1.1-2.2 KV, Multi strand, FRLS 2- 4 C / 1.5/2.5 -6.0 Sqmm) as per design requirement of Peak load calculation of specific ACs system installed at site with 1"/1/2"/2" PVC conduit pipe between indoor/outdoor unit				
a	Supplying and laying of Extra Electrical interconnecting control cable from indoor to outdoor of size as specified by the manufacturer suitable for 1.0 TR/ 1.5/2.0 TR Split type AC.	Mtr.	20		
	PART B -LOW SIDE WORK TOTAL AMOUNT				

Place:

Signature & Seal of the Tenderer

Date:

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Drinking Water
Platform &
Connection

PROJECT:

PROPOSED LAYOUT PLAN FOR
INDIAN BANK BRANCH AT
BELATAL.

DATE: 18.09.2021

ARCHITECT:



BHARAT & ASSOCIATES

FLAT NO. J-19, 4TH FLOOR, BLOCK J, INDRAPRASTH

APARTMENT RATANALNAGAR, KANPUR.

7572003109, 7572003101, 7572003110.

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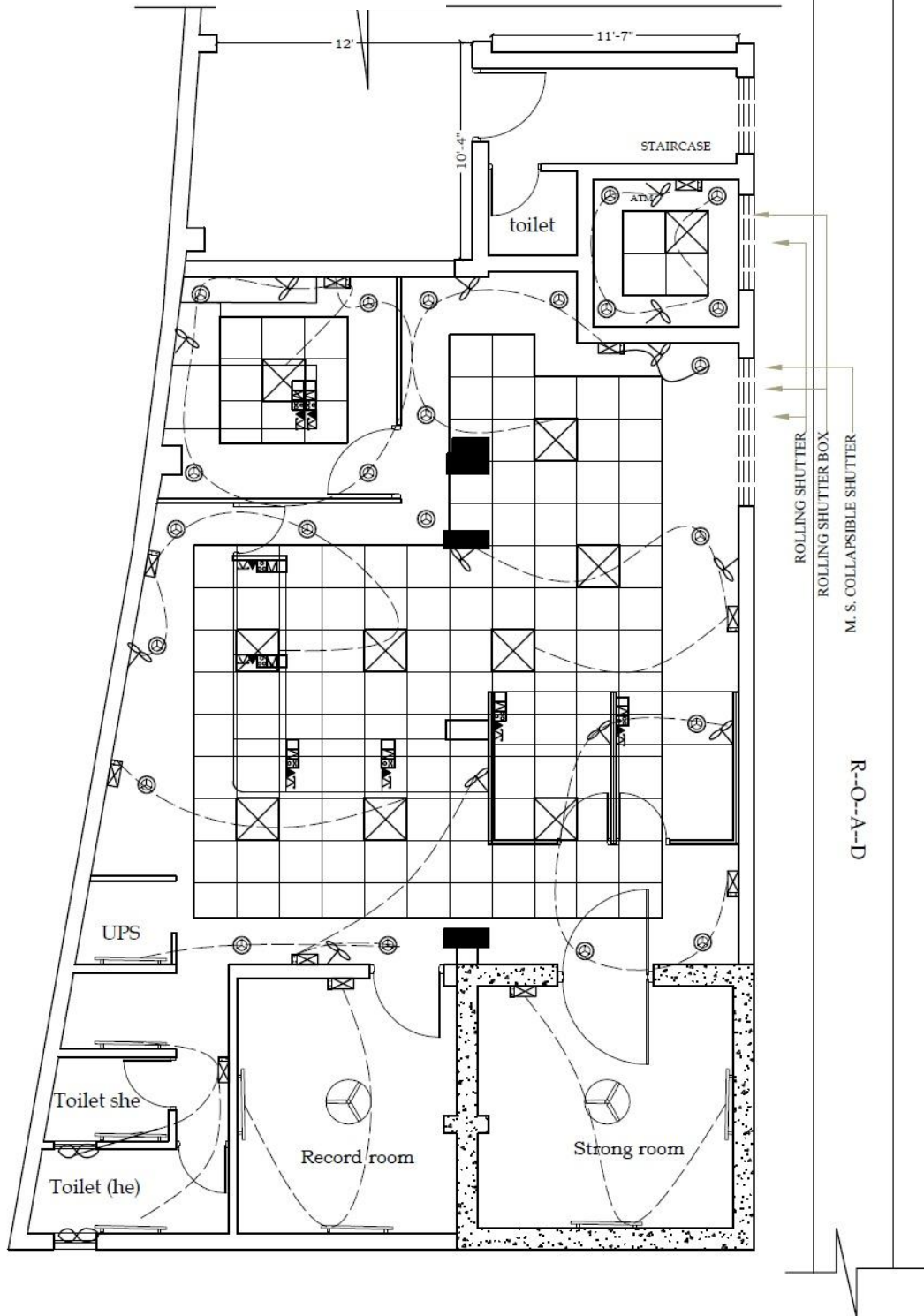


Indian Bank

इलाहाबाद

ALLAHABAD

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PROJECT:

ELECTRICAL LAYOUT PLAN FOR
INDIAN BANK BRANCH AT
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DATE: 18.09.2021

ARCHITECT:



BHARAT & ASSOCIATES

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