

Ref: No: IBKM/ZO/TENDER/RANNI/2025-26

Date:07.10.2025

INDIAN BANK
TENDER
FOR
ELECTRICAL WORKS FOR THE
PROPOSED BRANCH AT RANNI, PATHANAMTHITTA.

(ONLY ONE WORK WILL BE AWARDED TO A CONTRACTOR)

Last date for receipt of tender	21.10.2025 at 05.00 PM
Date and time of opening	22.10.2025 at 05.00 PM

This Tender document contains 25 pages

Signature & Seal of the Tenderer

 Sunilkumar P Asst Manager	 Shiju KK Chief Manager (Premises)
 Roy V Abraham Deputy Zonal Manager	
 Sajeeve Kumar C Zonal Manager	



INDEX

<u>DESCRIPTION</u>	<u>PAGE NOS.</u>
FORM OF TENDER	3
NOTICE INVITING TENDER	4
GENERAL RULES AND INSTRUCTIONS TO TENDERERS	5 - 8
ARTICLES OF AGREEMENT	9 - 11
APPROVED LIST OF MATERIALS	12 - 13
SCHEDULE OF QUANTITIES	14 - 25
DRAWINGS	4 pages



FORM OF TENDER

Indian Bank,

Zonal office, Ram Meena Building,
S A Road, Valanjambalam
Ernakulam.

Dear Sirs,

SUB: Invitation of Tender for **'Electrical works of the proposed Indian Bank branch at RANNI, PATHANAMTHITTA.**

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.7000/- (Rupees Seven Thousand only) by crossed demand draft payable at Ernakulam and drawn in favor 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.7000/- (Rupees Seven 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 **45 (Forty Five) 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.7000/- (Rupees Seven Thousand only) by Bank Draft / Bank Guarantee 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:

INDIAN BANK
NOTICE INVITING TENDER

Indian Bank, Zonal Office, Ernakulam invites sealed tenders for the work of **'Electrical works Of Indian Bank branch at RANNI, PATHANAMTHITTA. from Bank/PSU/PSE Empanelled Contractors.**

1.	Name of work	'Invitation of Tender for 'Electrical works at the proposed Indian Bank branch at, RANNI, PATHANAMTHITTA. from Bank/PSU/PSE Empanelled Contractors.
2.	Estimated cost of work	Rs 7.00 Lakhs
3.	Period of completion	45 days (Including holidays) reckoned from the date of issue of the Work Order or handing over of site whichever is later
4.	Validity of Tender	45 Days from the date of opening
5.	Defects Liability Period	12 Months from the date of virtual completion of work
6.	Retention Money/ Security Deposit	10% against each bill. 50% of the Security Deposit shall be returned within 15 days from the date of final payment and balance 50% after expiry of defect liability period of One Year.
7.	Liquidated Damages	1% per week of the Contract Value subject to maximum total of 10% of final Contract value
8.	Tender Documents	Tender documents can be obtained from the office of Illusions Architectural Engineers Interior Designers, 67, Girinagar, Kadavanthra, Kochi-682020, (Cell No-9447117701/ 9447917701) from 15.10.2025 to 22.10.2025 on all working days during office hours.
9.	Cost of Tender Documents	Rs. 500/- (Rupees Five Hundred only)
10.	Earnest Money Deposit	DD for Rs.7000/- (Rupees Seven Thousand only) issued by any scheduled Bank favoring Indian Bank, Payable at Ernakulam.
11.	Last date of submission of tenders	23-10-2025 up to 15.00Hrs. at Indian Bank, Zonal office, Ram Meena Building, S A Road, Valanjambalam, Ernakulam-682 016
12.	Date of opening Tender	23-10-2025 at 15.30Hrs. at Indian Bank, Zonal office, Ram Meena Building, S A Road, Valanjambalam, Ernakulam-682 016

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.

ASSISTANT GENERAL MANAGER

Indian Bank, Zonal Office,
Ram Meena Building, S A Road,
Valanjambalam,
Ernakulam-682 016



[Handwritten Signature]

Signature & Seal of the Tenderer

GENERAL RULES AND INSTRUCTION FOR THE GUIDANCE OF TENDERERS

- 1 Tenders, which should always be placed in sealed cover, with the name of the work written on the envelope "**Electrical works, at Indian Bank branch at RANNI, PATHANAMTHITTA," from Bank/PSU/PSE Empanelled Contractors.**" will be received by Assistant General Manager, Indian Bank, Zonal Office, Ram Meena Building, S A Road, Valanjambalam, Ernakulam-682 016.
- 2 **Earnest money amounting to Rs.7000/- (Rupees Seven Thousand only)** in the form of Demand Draft drawn in favour of "Indian Bank", payable at Ernakulam must accompany each tender. EMD amount will not carry interest. Tender without earnest money will be summarily rejected.
- 3 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.
- 4 The rate quoted by the Tenderer shall be net, up to the stage of incorporation and handing over site. All taxes including 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 vendor 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 Guarantee / 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 Guarantee / Bank Draft along with the tender failing which the tender will not be considered. No other mode of payment shall be accepted.
- 12 The Bank Guarantee for **Earnest Money shall remain valid for 3 months** from the date of submission of tender. 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 Bank Guarantee/ 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 10% on the value of the bill paid will be held by the Indian Bank. 50% of the retention amount will be paid after completion of the project** and balance 50% will be released at the end of Defects liability period, subject to satisfactory rectification of defects noticed, if any. EMD & retention amount held in our Indian Bank's books 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 written 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 a **security deposit of 2%** of the contract value in the form of a Demand Draft or Bank Guarantee in an approved format at which stage the Demand Draft or Bank Guarantee submitted in lieu of E.M.D shall be returned. On acceptance of the Demand Draft or Bank Guarantee by the Employer, the Earnest Money Deposit shall be refunded to the Contractor.
- 22 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.
- 23 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.
- 24 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.
- 25 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.
- 26 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.
- 27 For painting, 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.
- 28 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.
- 29 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.
- 30 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.

- 31 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 flats.
- 32 **Only one interim payment is permitted with minimum value of bill shall be of Rs.4.0 lakh.** The bills in proper forms must be duly accompanied by detailed measurements in support of the quantities of work done and must show deductions for all previous payments, retention money etc. The Employer after detailed scrutiny of the interim bill shall certify full payment within **10 days** of the date of receipt of interim bill from the Contractor subject to submission of documentation as required.
- 33 **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 whichever 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 thereunder 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.

- 34 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 amounts 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, an insurance shall be taken by the Contractor /Sub-Contractor. Such an 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. All the premium amounts 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.

- 35 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.
- 36 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.
- 37 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 consistence to be in contingent with the period of the completion of the work then the Bank may terminate the work order by giving a final notice to the contractor.
- 38 The time allowed for completing the works is **45 days** to be reckoned from **7 Days** 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.
- 39 If the Contractor fails to complete any or all the works by the date/s named in **Clause 38** (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.
- 40 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.
- 41 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 45 days from the date of proper submission of bill & measurements.

ASSISTANT GENERAL MANAGER ,

Indian Bank, Zonal Office,
Ram Meena Building, S A Road,
Valanjambalam,
Ernakulam-682 016

Signature & Seal of the Tenderer

ARTICLES OF AGREEMENT

THIS AGREEMENT is made on this day of month of between Indian Bank and having its Corporate Office at Indian Bank, Zonal Office, Ram Meena Building, S A Road, Valanjambalam, Ernakulam-682 016 (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

.....
(hereinafter 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 '**Electrical works at Indian Bank RANNI, PATHANAMTHITTA,**'

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) hereinafter 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 Interior 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, sales tax, works contract tax, income tax, octroi etc. in respect of this contract. No claim in this respect will be entertained. Sales tax on works contract & 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.

However, interim payment will be made as per the site measurements on Item Rate basis.

3) **Completion Period:**

Time is the essence of the Contract. The work is to be completed in all respects within **45 days** reckoned from **7th 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.

4) **Earnest Money:**

The Contractor has deposited an amount of **Rs.7000/- (Rupees Seven Thousand only)** as earnest money.

5) **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.

6) **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.

7) **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.

8) **Inspection of Work:**

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

9) **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.

10) **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.

11) **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.

12) **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.

13) **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 Chennai 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 APPROVED MAKES FOR ELECTRICAL WORKS

Items/ Products	Name of Brand / Make
Automatic Transfer Switch (ATS)	VERTIV, APC, RIELLO, PILLER, EPI, SOCOMEC, GE, L&T
Automatic Voltage Regulators (AVR)/Servo-SCVS	AUTOMATIC ELECTRIC (AE), KRYKARD
CABLES, END TERMINATIONS & ACCESSORIES	
Armoured LT Power Cable (PVC & XLPE)	UNISTAR, GLOSTER, POLYCAB, HAVELLS, RPG, CCI, TORRENT, KEI, FINOLEX, RALLISON V-GUARD, BONTON
Telephone Cable	POLYCAB, HAVELLS, RPG, FINOLEX, LAPP, V-GUARD
PVC Wires (FRLS/ FRLSH / FR-ZH / FR- HR)	LAPP, FINOLEX, GLOSTER, ANCHOR, RR-KABEL, POLYCAB, V-GUARD
Cable Jointing Kits:HT/LT	RAYCHEM, M-SEAL [3M], DENSON, GEE SEAL
Cable Trays (FRP, Hot Dip GI / Electro Galvanised) (Perforated / Ladder / Wire Mesh)	CABLOFIL (LEGRAND), SUMIP COMPOSITES, PROFAB, SINTEX, INDIANA, OBO-BETTERMAN, PATNY SYSTEMS, L&T
Cable Management System/Underfloor Raceways	OBO BETTERMANN, LEGRAND, MK, CENTAUR, EUBIQ
EARTHING, LIGHTNING PROTECTION & ACCESSORIES	
Maintenance-free earthing System	OBO BETTERMANN, CAPE ELECTRIC, ERICO, ASHLOK
Lightning Protection Accessories	OBO BETTERMANN, CAPE ELECTRIC, ERICO, DHEN
Exothermic Welding	OBO BETTERMAN, ERICO (GEM), CAPE ELECTRIC, JMV LPS
FANS- CEILING/ EXHAUST/ WALL/ PEDASTAL	
Ceiling Fans (Star Rated), Exhaust Fans	USHA, ORIENT, KHAITAN, BAJAJ, HAVELLS, CROMPTON
Wall Fans/ Pedestal Fans	USHA, HAVELLS, CROMPTON [Body, Leaf and Grills shall be Mettalic]
BLDC Ceiling Fans	USHA, ORIENT, HAVELLS
Air Circulator Fans	ALMONARD, KHAITAN, BAJAJ, CROMPTON
Junction Box /TJB/ Switch box & Distribution Boards (Thermoplastic/ Polycarbonate/FRP/GRP/SMC/SS)	HENSEL, SPELSBERG, BCH-ELECTRIC, ABB, SINTEX, FIBOX, PUSTRON, SAFY BOX
LIGHT FIXTURES & ACCESSORIES	
Light fittings (Indoor)#	PHILIPS, WIPRO, OSRAM,BAJAJ, HAVELLS, CROMPTON GREAVES, LIGHTING TECHNOLOGIES
Light fittings (Outdoor applications only)#	PHILIPS, WIPRO, OSRAM,BAJAJ, HAVELLS, CROMPTON GREAVES, LIGHTING TECHNOLOGIES, K-LITE # LEDs SHALL BE OF NICHIA, CREE, OSRAM, PHILIPS LUMILEDS, CITIZEN & SEOUL SEMICONDUCTORS MAKE ONLY
Solar Street light (Standalone)	PHILIPS, BAJAJ, TATA POWER, OR ANY MNRE APPROVED VENDOR IN CURRENT YEAR
Emergency Light Fittings with self-contained Batteries	PHILIPS, EVEREDY, WIPRO
Lamps, Controlgears & Accessories	PHILIPS, WIPRO, OSRAM,BAJAJ, HAVELLS, CROMPTON GREAVES
LT Power Capacitors	SCHNEIDER, EPCOS, L&T, VISHAY, SPRAGUE, SIEMENS, ABB, SREEEM
LT SWITCHGEARS / BREAKERS	
Miniature Circuit Breakers (MCBs) & Distribution Boards	LEGRAND, SCHNEIDER, ABB, GE, SIEMENS, L&T, HAGER
Earth Leakage Circuit Breakers (RCBO/RCCBs)	LEGRAND, SCHNEIDER, ABB, GE, INDO ASIAN, SIEMENS, L&T
MCCBs nd ACBs	SCHNEIDER, L&T, ABB, SIEMENS, LEGRAND
Changeover Switches	L&T, SIEMENS, SCHNEIDER, HPL

MV Switch fuse units & Isolators	SCHNEIDER, L&T, ABB, SIEMENS, GE
MEASURING INSTRUMENTS	
Measuring Instruments (Analog & Digital meters, Data Loggers & Event Recorders)	L&T, SCHNEIDER, MECO, CIRCUTER, AE, SECURE, ELMEASURE, RISHAB, KRYKARD, L&T, LEGRAND
Single & Three phase Energy Meters	SCHNEIDER, SIEMENS, CIRCUTOR, L&T
PIPES PVC/ MS	
PVC Conduits for Wiring	A-ONE PLAST, KONSEAL, BALCO
MS Conduits for Wiring	GUPTA/ BHARAT/ BEC-ISI
RELAYS	
Protective Relays (Electromechanic & Numeric)	ABB, SEIMENS, L&T, EASUN RAYROLE, SCHNEIDER, C&S, PROK DV's
Electronic time switch, Time delay relay, Timer	LEGRAND, L&T, HAGER, SIEMENS, ABB, SCHNEIDER, GE
Shock-Proof Insulation Mat & Paint	SAFEVOLT, STANVAC, ELECTROMAT, HILTI
Surge Protection Devices (SPDs)	OBO BETTERMANN, LEGRAND, SCHNEIDER, SIEMENS, ABB, ERICO, DHEN, RAYCAP, NOVARIS
SWITCHES & SOCKETS	
Modular Switches & 5A/15A Sockets Fan Regulators/ Voice Outlets RJ-11	LEGRAND, ABB, MK, CRABTREE, NORTH-WEST, ANCHOR-ROMA, L&T, SCHNEIDER
Sockets & Plugs (with Polycarbonate/FRP/ Metal Clad Body)	ABB, LEGRAND, NORTH-WEST, BCH, SCHNEIDER, CRABTREE, SALSER, CROMPTON, HENSEL
UPS SYSTEM	
UPS SYSTEM (MODULAR)	VERTIV, APC, DELTA, SOCOMEK, ABB, NUMERIC (LEGRAND), RIELLO
UTP CABLES/ DATA SYSTEM/ LAN/ voice	
UTP CAT 6/5e Data Cable	KRONE/ MOLEX/ AMP/ SEIMENS
Armoured Data Cable	BELDEN/ AVAYA
LAN Information Outlets RJ-45	KRONE/ MOLEX/ AMP BELDEN/ SEIMENS/ MK/ LEGRAND
Ethernet Switches	ARUBA, CISCO, HP, 3COM, NETGEAR
LAN Patch Panel	KRONE/ MOLEX/ AMP/ SEIMENS
Network Racks	VALRACK, EPSILON, HAUNUT, NETRACK
Wireless Access Point	CISCO/ ARUBA / D-LINK/ 3 COM
IDC type Telephone Connectors/Terminal Blocks	KRONE/ MOLEX.
Wireless Access Point	CISCO/ ARUBA / D-LINK/ 3 COM

BILL OF QUANTITY FOR ELECTRIFICATION OF M/S. INDIAN BANK, RANNI BRANCH

A-POWER SUPPLY

Sl. No	Description Of Works/ Materials	Unit	Qty	Rate	Amount
I	PART-1 (POWER SUPPLY)				
	KSEB METERING CUBICLE - OPTIONAL				
	Supply and fixing of KSEB metering cubicle made out of 16CRCA sheet powdercoated with approved shade consists of 63A TPN SFU with 50 A HRC Fuse Links, 63A HRC Fuse type Cut Out Fuse Units with 50AHRC Fuse links provision for CT operated KWH meter of the power supply company.				
	Supply:	Each	1.00		
	Installation:	Each	1.00		
1	M. V PANELS/ DISTRIBUTION BOARDS				
1.1	MAIN DB-01 - SPLIT DB				
	Supplying,installing,testing &commissioning of 3 Ph 4 way,vertical busbar,MCCB type Power Distribution Board, flush mounted on wall, sheet metal fabricated,powder coated,having dust proof and vermin proof,and hinged door with all internals such as DIN rails, neutral-link,interconnected wiring complete with earthing lugs, double door, IP42, with all connections and inter-connections and comprising the following Specific Components. (MDB)				
	Incomer				
	1 No. 100A 4P, 25kA [Ics], MCCB, with Shunt Trip [Wired from EL Relay]				
	EL Relay [Electronic 0-300mA] with CBCT [ID-100mm]				
	Outgoings				
	1 Nos. 63A, 3P MCB [Main DB-2]				
	1 Nos. 40A, 3PMCB [UPS Power]				
	2 Nos 20A SP MCB, 2Nos 6A SP MCBs for Essential Circuits.				
	Bus Bars				
	125A Copper bus bars for phase and neutral.				
	Supply:	Each	1.00		
	Installation:	Each	1.00		
1.2	MAIN DB #02				
	Supplying,installing,testing &commissioning of 3 Ph 8way, Vertical busbar, MCCB Incomer type Power Distribution Board, flush mounted on wall, sheet metal fabricated,powder coated, having dust proof and vermin proof and hinged door with all internals such as DIN rails, neutral-link, interconnected wiring complete with earthing lugs, double door, IP42, with all connections and inter-connections and comprising the following Specific Components. (MDB)				
	Incomer				
	1 No. 80A 4P, 25kA [Ics], MCCB				
	EL Relay [Electronic 0-300mA] with CBCT [ID-100mm]				
	Outgoings				
	2 Nos. 25A, 3PMCB [LDB & Spare)]				
	3 Nos 20A (3xPower Plugs) ; 2 Nos 32A (Power points) and 4 no 25A (AC/ Power points) SPMCBs,10kA				
	Bus Bars				
	125A Copper bus bars for phase and neutral.				
	Supply:	Each	1.00		

		Installation:	Each	1.00		
1.3	<u>DB [POWER POINTS] - OPTIONAL</u>					
	Supply, installation, testing and commissioning of 4 way VPN MCB DB with the following:					
	Incomer 40A, 4P, 100mA RCBO					
	Outgoings: 6 Nos 10A, 3 Nos 20A and 3 Nos 25A SP MCBs					
		Supply:	Nos	0.00		
		Installation:	Nos	0.00		
1.4	<u>DB [LIGHTING POINTS]</u>					
	Supply, installation, testing and commissioning of 4 way TPN MCB DB with the following:					
	Incomer 25A, 4P, 30mA RCBO					
	Outgoings: 8 Nos 6A and 2 Nos 10A SP MCBs					
		Supply:	Nos	1.00		
		Installation:	Nos	1.00		
1.5	<u>UPS DB [UPS POWER DISTRIBUTION BANK & ATM]</u>					
a.	Supply, installation, testing and commissioning of 12 way [12+4 Module] SPN MCB DB with the following:					
	Incomer 40A, 2P, 30mA RCBO [High Immunity Type Legrand OR Equivalent]					
	Outgoings: 6A/10A/20A, D-Curve SPMCBs - 10 Nos.					
		Supply:	Nos	1.00		
		Installation:	Nos	1.00		
b.	<u>UPS DB [ATM-SERVER ROOM] - OPTIONAL</u>					
	Supply, installation, testing and commissioning of 6 way SPN MCB DB with the following:					
	Incomer 40A, 2P, 30mA RCBO [High Immunity Type Legrand OR Equivalent]					
	Outgoings: 20A, D-Curve SPMCBs - 4 Nos.					
		Supply:	Nos	0.00		
		Installation:	Nos	0.00		
1.6	<u>UPS CONTROL [INPUT]</u>					
a.	Supply, installation, testing and commissioning of 40, 4P, 100mA, RCBO with in suitable factory manufactured MS enclosure with all interconnections and wiring.					
		Supply:	Nos	1.00		
		Installation:	Nos	1.00		
b.	Supply, installation, testing and commissioning of 40, 2P, 100mA, RCBO with in suitable factory manufactured MS enclosure with all interconnections and wiring.					
		Supply:	Nos	0.00		
		Installation:	Nos	0.00		
1.7	<u>RAW POWER POINTS</u>					
a.	Supply, installation, testing and commissioning of 32A Modular type DP switch control with in suitable sheet steel enclosure (Control Switch for Stabiliser out Put and Electrical Room and 1 Phase A/C Local Isolation)					
		Supply:	Nos	4.00		
		Installation:	Nos	4.00		
b.	Supply, installation, testing and commissioning of 1 Nos. 25A, Multi Pin modular type socket with 1 No. 32A DP control switch mounted in a suitable M.S box with modular front plate, including all inter connections. (Power Points & AC Indoor Points)					
		Supply:	Nos	4.00		
		Installation:	Nos	4.00		
c.	Supply, installation, testing and commissioning of 1 Nos. 6A, 5 pin modular type socket with 1 No. 6A SP control switch mounted in a suitable M.S box with modular front plate, including all inter connections. (Costomer area, Electrical Room.)					

		Supply:	Nos	3.00		
		Installation:	Nos	3.00		
d.	Supply and installation 16A 2P +E-DP ,Legrand make Tempra plug and socket with 10A DP MCB etc ., complete (strong room)					
		Supply:	Nos	1.00		
		Installation:	Nos	1.00		
e.	Supply and installation 20A 2P +E-DP ,Legrand make Tempra plug and socket with 20/25A DP MCB etc ., complete (AC Control Circuit at Electrical Room at input to Stabiliser)					
		Supply:	Nos	4.00		
		Installation:	Nos	4.00		
f.	Supply ,installation&testing Legrand make 24hrs,modular timer (MicroRex-4128)in a suitable steel enclosure for ATM sign board.					
		Supply:	Nos	1.00		
		Installation:	Nos	1.00		
1.8	RAW POWER COMPUTER POINTS					
a.	Supply, installation, testing and commissioning of 1 Nos. 6A, 5 pin modular type socket with 1 No. 6A SP control switch mounted in a suitable M.S box with modular front plate, including all inter connections. (Work stations/ Cabins etc.)					
		Supply:	Nos	12.00		
		Installation:	Nos	12.00		
1.9	UPS COMPUTER POINTS					
a.	Supply, installation, testing and commissioning of 1 Nos. 16/6A, Multi Pin modular type socket with 1 No. 16A SP control switch mounted in a suitable M.S box with modular front plate, including all inter connections. (UPS Power Points ATM,CDM,PBP & Rack.)					
		Supply:	Nos	2.00		
		Installation:	Nos	2.00		
b.	Supply, installation, testing and commissioning of 2 Nos. 6A, 5 pin modular type socket with 1 No. 6A SP control switch mounted in a suitable M.S box with modular front plate, including all inter connections. (All work stations)					
		Supply:	Nos	12.00		
		Installation:	Nos	12.00		
1.8	POWER OUTLET - LOCAL ISOLATION					
	SITC of 100A TP MCCB Isolator control with in suitable sheet steel enclosure for isolating total supply to DB except UPS					
		Supply:	Nos	1.00		
		Installation:	Nos	1.00		
1.9	SUB-MAIN POWER WIRING - COPPER WIRING					
a.	Supply, laying, testing and commissioning of submain circuits using 2 run 2.5 Sqmm PVC insulated, FRLS, stranded copper cable along with 1 run 2.5 Sqmm PVC insulated, FRLS, green color stranded copper cable earthing conductor through 20mm dia ISI Graded rigid PVC conduits, black with all specials including terminations complete as per standards, under consealed conduit system of wiring. Proper color coded wires shall be used for the entire wiring.(15A power points.)					
		Supply:	Mtr	140.00		
		Installation:	Mtr	140.00		

b.	Supply, laying, testing and commissioning of submain circuits using 2 run 4.0 Sqmm PVC insulated, FRLS, stranded copper cable along with 1 run 4.0 Sqmm PVC insulated, FRLS, green color stranded copper cable earthing conductor through 20mm dia ISI Graded rigid PVC conduits, black with all specials including terminations complete as per standards, under concealed conduit system of wiring. Proper color coded wires shall be used for the entire wiring. (15A power points and A/C points)				
	Supply:	Mtr	130.00		
	Installation:	Mtr	130.00		
c.	Supply, laying, testing and commissioning of submain circuits using 5 run 6.0 Sqmm PVC insulated, FRLS, stranded copper cable [1x3 Phases and 2x1 nutral] along with 2 run 4.0 Sqmm PVC insulated, FRLS, green color stranded copper cable earthing conductors through Flexible GI conduits with conduit glands, specials etc. including terminations complete as per standards. (UPS Power Points to UPS)				
	Supply:	Mtr	6.00		
	Installation:	Mtr	6.00		
d.	Supply, laying, testing and commissioning of submain circuits using 3 run 10.0 Sqmm PVC insulated, FRLS, stranded copper cable [1x1 Phase and 2x1 nutral] along with 1 run 4.0 Sqmm PVC insulated, FRLS, green color stranded copper cable earthing conductors through Flexible GI conduits with conduit glands, specials etc. including terminations complete as per standards. (UPS DB to UPS)				
	Supply:	Mtr	8.00		
	Installation:	Mtr	8.00		
SUB TOTAL - I					
II	PART- II - LT CABLES AND CABLING				
2.0	LT CABLES				
2.1	CABLE LAYING				
	Supply and laying the following PVC insulated PVC sheathed armoured 1.1KV grade Aluminium /Copper conductor cable conforming to IS:1554 (part-1) in cable trenches or on concrete wall or through pipes as per specifications, including providing of cable route makers in every 50M and at all strategic turning/ diversion points etc. Necessary clamping should be providing while burying cables in prepared trenches etc.as per standards.				
a.	4.0x35 Sq.mm, Meter Board to MDB				
	Supply:	Mtr.	80.00		
	Installation:	Mtr.	80.00		
b.	4.0x10 Sq.mm, MDB to LDB				
	Supply:	Mtr.	8.00		
	Installation:	Mtr.	8.00		
c.	3Cx2.5sqmm Copper cable (Branch/ATM Glow Sigh Board)				
	Supply:	Mtr.	45.00		
	Installation:	Mtr.	45.00		
d.	4 Run 25 Sqmm Aluminium WP Cable with Tie wire (Grid Line to Meter Board)				
	Supply:	Mtr.	40.00		
	Installation:	Mtr.	40.00		
2.2	CABLE TERMINATIONS				
	Supply and providing end terminations using siemens type compression gland for PVC insulated and PVC sheathed armoured conductor cable 1.1KV grade for the followings sizes including earthing the glands as required as per standards.				
a.	4.0x35 Sq.mm				
	Supply:	Each	6.00		

		Installation:	Each	6.00		
a.	4.0x10 Sq.mm					
		Supply:	Each	2.00		
		Installation:	Each	2.00		
a.	3.0x2.5 Sq.mm Cu					
		Supply:	Each	2.00		
		Installation:	Each	2.00		
SUB TOTAL - II						
III	PART- III - EARTHING					
3.1	COPPER EARTHING CONDUCTORS					
	Supply, Laying/ fixing of earthing conductor of the following sizes/ type, jointing as per IS:3043/87 in trench walls pulling through pipes etc.as required.					
a.	Copper wire No.10 SWG					
		Supply:	Mtr.	120.00		
		Installation:	Mtr.	120.00		
3.2	EARTHING STATIONS- GRID					
a.	Supply of all materials and providing pipe earthing using 40mm dia, 2.5 Mtr Long GI Pipe earth Electrode as per IS 3043 including excavation of earth pits in all class of soil, fixing funnel etc. shall be housed in a chamber of 30cmx30cmsx45cms covering the same using heavy duty C.I / RCC slab man hole cover etc. including filling with charcoal sand and salt complete as required. [Common Earthing]					
		Supply:	Set	2.00		
		Installation:	Set	2.00		
3.3	EARTHING STATIONS - UPS - DRIVEN CHEMICAL EARTHING					
a.	Providing maintenance free earthing (MFE) comprising of 17mm dia, 3.0 mtr long copper bonded stainless / nickel steel alloy rod suitably joined together with threadless / compression couplers made of copper alloy including supply of copper coated steel rod, suitable clamps for connecting body earthing strips and all other accessories required for the total erection of the earthing system. The copper bonded rod shall have copper bonding thickness of 250 microns (minimum). The rod shall be driven in earth with augured hole dia of 75-100mm in ground. The conductivity / earth enhancement compound (Confirms to IEC:62651-7 with latest amendments) filled around the copper rod to a depth of 3.0 Mtrs from ground level. The remaining depth shall be compacted with hard/ soft soil for complete erection of the total system including civil works like excavation & refilling of earth, construction of earth pit chamber with Cover Plate OR RCC cover slab as required and as directed by Bank's EIC/ Consultant.					
		Supply:	Set	1.00		
		Installation:	Set	1.00		
SUB TOTAL - III						
IV	PART- IV - MISCELLANEOUS ITEMS					
4.1	SAFETY EQUIPMENTS					
	Supply and providing the following safety equipments at site as per standards and requirements.					
a.	5 KG Dry Chemical Powder type (DCP) fire extinguishers having ISI mark along with mounting supports.					
		Supply:	Each	0.00		
		Installation:	Each	0.00		
b.	Electrical ISI Grade Rubber Mat suitable for L.V Switchboards. (6' x 3' x 1/4").					
		Supply:	Each	1.00		

		Installation:	Each	1.00		
c.	L.T./H.T. Metallic danger sign boards.					
		Supply:	Each	1.00		
		Installation:	Each	1.00		
4.2	CABLE TRAYS/ SUPPORTS					
a.	Supply and Erection of Vertical/Horizontal type M.S. Cable Trays and cable supports fabricated out of M.S. Angles (ISA) and M.S. flats with sufficient width and Spacing between successive cross members and supported at adequate spacing. The cable trays and supports shall be painted with 2coats of Zinc chromate primer and 2coats of enamel paint. 25x25x6mm MS angles and 20x6mm MS flats shall be used for trays up to 450mm wide and 40x40x6mm MS angles and 20x6mm MS flats shall be used for trays up to 900mm wide.					
		Supply:	Kg	0.00		
		Installation:	Kg	0.00		
	SUB TOTAL - IV					
V	PART- V - R & M WORKS [OPTIONAL]					
5.0	The following repairs and maintenance works are also to be executed at site for the successful completion and trouble free operation of the premises.					
a.	Dismantling of all existing unnecessary wiring, cabling, panels, DBs, power connections, earth connections, terminations etc. and stacking the scrap at a location decided by the bank officials/ Architects/Consultants.	Lot		0.00		
	SUB TOTAL - V					
VI	PART- VI- DOCUMENTS & APPROVAL.					
a.	Preparation of necessary documents, forms, drawings, schemes, certificates, etc. and getting scheme approval, Energisation Sanction Orders etc. from the Department of Electrical Inspectorate for the installation. All statutory charges shall be reimbursed on production of proper receipts.	Lot		0.00		
b.	Preparation of necessary documents, forms, drawings, schemes, certificates, etc. and getting power allocation sanction and power connection from Power supply authorities/ Company. All statutory charges shall be remitted by the Clients.	Lot		1.00		
	SUB TOTAL - VI					
A	SUMMARY OF COSTS-POWER SUPPLY					
I	PART-1 (POWER SUPPLY)					
II	PART- II - LT CABLES AND CABLING					
III	PART- III - GENERAL EARTHING					
IV	PART- IV - MISCELLANEOUS ITEMS					
V	PART- V - R & M WORKS					
VI	PART- VI- DOCUMENTS & APPROVAL.					
	TOTAL					
						ADD GST 18%

BILL OF QUANTITY FOR ELECTRIFICATION OF M/S. INDIAN BANK, RANNI BRANCH					
B-LUMINAIRES/FANS AND CONNECTED WIRING					
Sl. No	Description Of Works/ Materials	Unit	Qty	Rate	Amount
I	PART-I-LUMINAIRES AND FANS				
	Supply, installation, testing and commissioning of the following luminaires/fans using suitable mountings, 3-core extension wire, 6000K lamps and using GI Chain and Anchoring Hooks at Ceiling etc. complete as required.				
a.	Recessed mounting luminaires with 36W LED, 6000K, 60x60mm Size, Suitable for Grid type Ceiling Complete with Lamps, Driver etc. (LM25-361-XXX-65-G1; Wipro make OR Equivalent)				
	Supply:	Nos	13.00		
	Installation:	Nos	13.00		
b.	Recessed Mounting down lights with 15W, 6000K, LED Spot Light Type: LD90-141-XXX-65-XX (Wipro Make OR Equivalent.)				
	Supply:	Nos	17.00		
	Installation:	Nos	17.00		
d.	LED Strip Light, 6000K, 18W per Mtr. With Drives and all supporting materials complete. Type: LD90-231-XXX-65-XX (Wipro Make OR Equivalent.)				
	Supply:	Mtr	6.00		
	Installation:	Mtr	6.00		
e.	4', LED Tubes with Drive, etc. complete, Wipro/Philips				
	Supply:	Mtr	9.00		
	Installation:	Mtr	9.00		
f.	Oscillating type wall fan 400mm (Crompton High Flow, with Metallic Leaf, Body and Grills)				
	Supply:	Nos	6.00		
	Installation:	Nos	6.00		
g.	200mm Exhaust Fans with Louvers				
	Supply:	Nos	2.00		
	Installation:	Nos	2.00		
h.	300mm Exhaust Fans Heavy Duty with Louvers [For Electrical Room]				
	Supply:	Nos	1.00		
	Installation:	Nos	1.00		
i.	Mirror lamp with 12Watt LED 2feet lamps				
	Supply:	Nos	1.00		
	Installation:	Nos	1.00		
j.	Supply and fixing of 15/18w LED Wall Bracket/ Bulk Head fitting (Philips)				
	Supply:	Nos	3.00		
	Installation:	Nos	3.00		
k.	Call bell electronic for Manager's Cabin (G M Make)				
	Supply:	Nos	1.00		
	Installation:	Nos	1.00		

I.	Supply of 1200 mm sweep, 35W, 350 rpm, BEE 5 star rated energy saving BLDC based ceiling fan and suitable for operation on 230V, 50Hz, 1Ø AC supply, complete with 300mm down rod, 2 Nos of canopies, shackle, rubber bush, 3 nos of blades, remote controller for On / Off operation with 5 speeds, minimum air delivery of 215 m3 / min, completely pre wired upto terminal block, etc., including supply of all materials for installation as required and as directed by EIC. (including supply and fixing of Anchor Fastener on RCC slab and fan hook if necessary), Star Rated but with out Regulator				
	Supply:	Nos	3.00		
	Installation:	Nos	3.00		
	SUB TOTAL-I- LUMINAIRES AND FANS				
II	PART-II-LIGHTING POINTS & SUBMAIN CIRCUITS				
2.1	LIGHTING POINTS				
	Supply, laying, testing and commissioning of light/fan/5A SSO points using 1.5 Sqmm PVC insulated, FRLS, stranded copper conductor cable for individual lights and group controlled lights along with 1.5 Sqmm PVC insulated FRLS green color stranded copper conductor cable earthing conductor through 20mm dia, ISI Graded Rigid PVC Conduits black with all specials including fixing MS Control boxes, modular switches, 3 plate ceiling roses etc. where ever necessary, under consealed / Surface conduit system of wiring. Proper color coded wires shall be used for the entire wiring.				
a.	One light point controlled by one No. 6A switch and Cove Light Points				
	Supply:	Nos	24.00		
	Installation:	Nos	24.00		
b.	Two lights points controlled by one No. 6A Switch				
	Supply:	Nos	9.00		
	Installation:	Nos	9.00		
c.	Three lights points controlled by one No. 6A Switch				
	Supply:	Nos	2.00		
	Installation:	Nos	2.00		
d.	One 5A SSO point combined in light control board				
	Supply:	Nos	2.00		
	Installation:	Nos	2.00		
e.	One 5A SSO point combined in indipendant position for wall fans Etc.				
	Supply:	Nos	13.00		
	Installation:	Nos	13.00		
2.2	SUBMAIN CIRCUITS				
a.	Supply, laying, testing and commissioning of submain circuits using 2 run 2.5 Sqmm PVC insulated, FRLS, stranded copper cable along with 1 run 2.5 Sqmm PVC insulated, FRLS, green color stranded copper cable earthing conductor through 20mm dia ISI Graded rigid PVC conduits, black with all specials including terminations complete as per standards, under consealed conduit system of wiring. Proper color coded wires shall be used for the entire wiring.				
	Supply:	Mtr	105.00		
	Installation:	Mtr	105.00		

b.	Supply, laying, testing and commissioning of submain circuits using 2 run 1.5 Sqmm PVC insulated, FRLS, stranded copper cable along with 1 run 1.5 Sqmm PVC insulated, FRLS, green color stranded copper cable earthing conductor through 20mm dia ISI Graded rigid PVC conduits, black with all specials including terminations complete as per standards, under consealed conduit system of wiring. Proper color coded wires shall be used for the entire wiring.				
	Supply:	Mtr	40.00		
	Installation:	Mtr	40.00		
	SUB TOTAL-II-POWER/LIGHTING POINTS & SUBMAIN WIRING				
B	SUMMARY OF COSTS -INTERNAL ELECTRIFICATION				
I	PART-I-LUMINAIRES AND FANS				
II	PART-II-POWER/LIGHTING POINTS & SUBMAIN WIRING				
	TOTAL				
					ADD GST 18%

BILL OF QUANTITY FOR ELECTRIFICATION OF M/S. INDIAN BANK, RANNI BRANCH					
C-DATA, VOICE & MUSIC SYSTEM					
Sl. No	Description Of Works/ Materials	Unit	Qty	Rate	Amount
I	DATA SYSTEM				
1.1	LAN SYSTEM				
a.	Supply and Laying of Computer (LAN) socket and Voice wiring using one run of four pair CAT- 6 Unshielded Twisted Pair (UTP) Cable through 20mm rigid PVC conduit/ PVC Casing Caping. (Excluding Conduits)				
	Supply:	Mtr	230.00		
	Installation:	Mtr	230.00		
b.	Supply and fixing of DUAL LAN Information outlet UTP CAT 6, Shuttered Flush mounted with face plate and GI / PVC mounting box including terminations.				
	Supply:	Nos.	9.00		
	Installation:	Nos.	9.00		
c.	Supply of Cat 6 Patch / Mounting Chords				
	2meter long	Nos	2.00		
	1meter long	Nos	9.00		
1.2	NETWORKING AND ACCESSORIES				
a)	Supply & fixing of LAN patch panel CAT-6, 16 Port with in the Networking Rack and giving terminations for cables from LAN Info. Outlets.				
	Supply:	Nos	1.00		
	Installation:	Nos	1.00		
b)	NETWORK RACK: Supply and Installation of 9U, Wall Mounting Open type, Networking Rack with ladder kit-500mm width, for Data Components, Horizontal Power Strip controlled by 1 no. 16A DP switch each, and with all necessary accessories/ components required for the installation, including Mounting frame etc.				
	Supply:	Nos	1.00		
	Installation:	Nos	1.00		
SUB TOTAL-I- LAN SYSTEM					
II	VOICE SYSTEM (TELEPHONE)				
a.	Supply and laying one run of Twenty pair jelly filled telephone wire upto Terminal connectors through 25mm Dia. Conduits				
	Supply:	Mtr	30.00		
	Installation:	Mtr	30.00		
b.	Supply and drawing 2pair 0.5mm telephone cable through 20mm dia. ISI marked medium duty conduits and accessories				
	Supply:	Mtr	126.00		
	Installation:	Mtr	126.00		
c.	Supply and providing telephone outlet points using RJ-11 modular sockets/ Jack within suitable MS control boxes				
	Supply:	Nos	7.00		
	Installation:	Nos	7.00		

d.	Supply and providing Telephone Terminal box, Sheet Steel Powder Coated with 20 Pair Crone connectors including all terminations.				
	Supply:	Nos	1.00		
	Installation:	Nos	1.00		
	SUB TOTAL-II- VOICE SYSTEM (TELEPHONE)				
III	CENTRAL MUSIC SYSTEM WIRING				
a.	Supply & wiring of Loud speaker point using twin core 1.5 Sqmm PVC Insulated copper conductor Speaker wire using 20 mm dia. PVC conduit from amplifier to speakers.				
	Supply:	Mtr	0.00		
	Installation:	Mtr	0.00		
b.	Supply and providing 6" Dia ceiling mount speaker with all accessories and interconnections.				
	Supply:	Nos	0.00		
	Installation:	Nos	0.00		
	SUB TOTAL-III- CENTRAL MUSIC SYSTEM WIRING				
IV	CONDUIT LAYING FOR VOICE/DATA CABLING				
	Supply and laying of the following sizes of Electrical rigid PVC conduits of ISI grade, medium duty for laying recessed through brick wall or in surface through/ wall false ceiling / 25mm PVC casing and capping in surface etc. The work should also include fixing of pull out boxes/junction boxes etc. The PVC conduits for laying of LAN information Cables should be laid with standard clearances as required under the guidance of a certified system Integrator, under consealed conduit system of wiring.				
a.	Supply, installation, testing and commissioning of 20mm DIA rigid PVC conduits of ISI Medium Duty				
	Supply:	Mtr	110.00		
	Installation:	Mtr	110.00		
b.	Supply, installation, testing and commissioning of 25mm DIA rigid PVC conduits of ISI Medium Duty				
	Supply:	Mtr	20.00		
	Installation:	Mtr	20.00		
c.	Supply, installation, testing and commissioning of 25mm PVC Casing and Capping				
	Supply:	Mtr	10.00		
	Installation:	Mtr	10.00		
	SUB TOTAL-IV- LOW VOLTAGE SYSTEM CONDUITS				
B	SUMMARY OF COSTS -INTERNAL ELECTRIFICATION				
I	PART-I-LAN SYSTEM				
II	PART-II-VOICE SYSTEM (TELEPHONE)				
III	PART-III-CENTRAL MUSIC SYSTEM WIRING				
IV	PART-IV-LOW VOLTAGE SYSTEM CONDUITS				
	TOTAL				
					ADD GST 18%

BILL OF QUANTITY FOR ELECTRIFICATION OF M/S. INDIAN BANK, RANNI BRANCH					
Sl. No	Description Of Works/ Materials	Unit	Qty	Rate	Amount
A	<u>POWER SUPPLY</u>				
I	PART-1 - POWER SUPPLY	Ls.	1		
II	PART- II - LT CABLES AND CABLING	Ls.	1		
III	PART- III - GENERAL EARTHING	Ls.	1		
IV	PART- IV - MISCELLANEOUS ITEMS	Ls.	1		
V	PART- V - R & M WORKS	Ls.	1		
VI	PART- VI- DOCUMENTS & APPROVAL.	Ls.	1		
B	<u>INTERNAL ELECTRIFICATION</u>				
I	PART-I-LUMINAIRES AND FANS	Ls.	1		
II	PART-II-POWER/LIGHTING POINTS & SUBMAIN WIRING	Ls.	1		
C	<u>C-DATA, VOICE & MUSIC SYSTEM</u>				
I	PART-I-LAN SYSTEM	Ls.	1		
II	PART-II-VOICE SYSTEM (TELEPHONE)	Ls.	1		
III	PART-III-CENTRAL MUSIC SYSTEM WIRING	Ls.	1		
IV	PART-IV-LOW VOLTAGE SYSTEM CONDUITS	Ls.	1		
GRAND TOTAL					
				ADD GST 18%	

NAME AND ADDRESS OF THE CONTRACTOR:

SIGN & SEAL OF THE CONTRACTOR:

Date:

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PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

LEGEND	
TGD	Toughened Glass Door
SWD	Single Window Door
WWD	Window Door
FD	Flush Door
TD	Toilet Door
FG	Fixed Glass

TOTAL AREA :- Including Toilets
120.77 m² (1299.48 Sqft)

SLAB BOTTOM - 345 cm
BEAM BOTTOM - 289 cm

Note:
1. All dimensions to be checked at site.
2. No alteration to be made off from drawings only written dimensions to be followed.
3. In the event of any discrepancy of dimension in structural drawings other than the written dimensions, the written dimensions shall prevail.
4. Engineering drawing is valid only when used in accordance with the conditions of use.
5. For the complete details of construction of work at site.

INDIAN BANK
ARCHITECTURAL ENGINEERS & INTERIOR DESIGNERS
100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.



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Client: M/s. INDIAN BANK
Key Plan

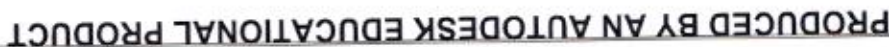
PROPOSED INTERIOR WORK FOR M/S : INDIAN BANK @ NARAYAN PALLY

DRAWING TITLE: INTERIOR LAYOUT

Drawing No.	Scale	Revision	No.	Drawn
IN - 01	1:100	01	01	AKH
IN - 02	1:100	02	02	AKH
IN - 03	1:100	03	03	AKH
IN - 04	1:100	04	04	AKH
IN - 05	1:100	05	05	AKH
IN - 06	1:100	06	06	AKH
IN - 07	1:100	07	07	AKH
IN - 08	1:100	08	08	AKH
IN - 09	1:100	09	09	AKH
IN - 10	1:100	10	10	AKH
IN - 11	1:100	11	11	AKH
IN - 12	1:100	12	12	AKH
IN - 13	1:100	13	13	AKH
IN - 14	1:100	14	14	AKH
IN - 15	1:100	15	15	AKH
IN - 16	1:100	16	16	AKH
IN - 17	1:100	17	17	AKH
IN - 18	1:100	18	18	AKH
IN - 19	1:100	19	19	AKH
IN - 20	1:100	20	20	AKH
IN - 21	1:100	21	21	AKH
IN - 22	1:100	22	22	AKH
IN - 23	1:100	23	23	AKH
IN - 24	1:100	24	24	AKH
IN - 25	1:100	25	25	AKH
IN - 26	1:100	26	26	AKH
IN - 27	1:100	27	27	AKH
IN - 28	1:100	28	28	AKH
IN - 29	1:100	29	29	AKH
IN - 30	1:100	30	30	AKH
IN - 31	1:100	31	31	AKH
IN - 32	1:100	32	32	AKH
IN - 33	1:100	33	33	AKH
IN - 34	1:100	34	34	AKH
IN - 35	1:100	35	35	AKH
IN - 36	1:100	36	36	AKH
IN - 37	1:100	37	37	AKH
IN - 38	1:100	38	38	AKH
IN - 39	1:100	39	39	AKH
IN - 40	1:100	40	40	AKH
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IN - 42	1:100	42	42	AKH
IN - 43	1:100	43	43	AKH
IN - 44	1:100	44	44	AKH
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IN - 46	1:100	46	46	AKH
IN - 47	1:100	47	47	AKH
IN - 48	1:100	48	48	AKH
IN - 49	1:100	49	49	AKH
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IN - 92	1:100	92	92	AKH
IN - 93	1:100	93	93	AKH
IN - 94	1:100	94	94	AKH
IN - 95	1:100	95	95	AKH
IN - 96	1:100	96	96	AKH
IN - 97	1:100	97	97	AKH
IN - 98	1:100	98	98	AKH
IN - 99	1:100	99	99	AKH
IN - 100	1:100	100	100	AKH

All dimensions are in centimetre





LEGEND	
TGB	Toughened Glass Door
SWD	Single Window Door
WD	Wicket Door
FD	Flush Door
TD	Toilet Door
FG	Faced Glass

TOTAL AREA :- Including Toilets
120.77 m² (1299.48 Sqft)

^a All dimensions to be checked at site.
^b No dimensions to be scaled off from drawings; only written dimensions to be followed.
^c In the event of any discrepancies of dimension in structural drawing other than calculating drawing or site condition of other wise irreconcilable reference is to be calculating drawing or site condition.

ILLUSIONS
ARCHITECTURAL ENGINEERS & INTERIOR DESIGNERS
47 GRIFFIN AVE. KOCHI - 20
TEL. +91-844-2317701, 4011005
E-MAIL: naresh@illusionshops.co.in



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[illegible]

New Orders

CONTACT: JEFFREY W. HARRIS, JR. @ JEFFREYHARRIS@AOL.COM

PROGRAMMING TITLE F: PARTITION LAYOUT

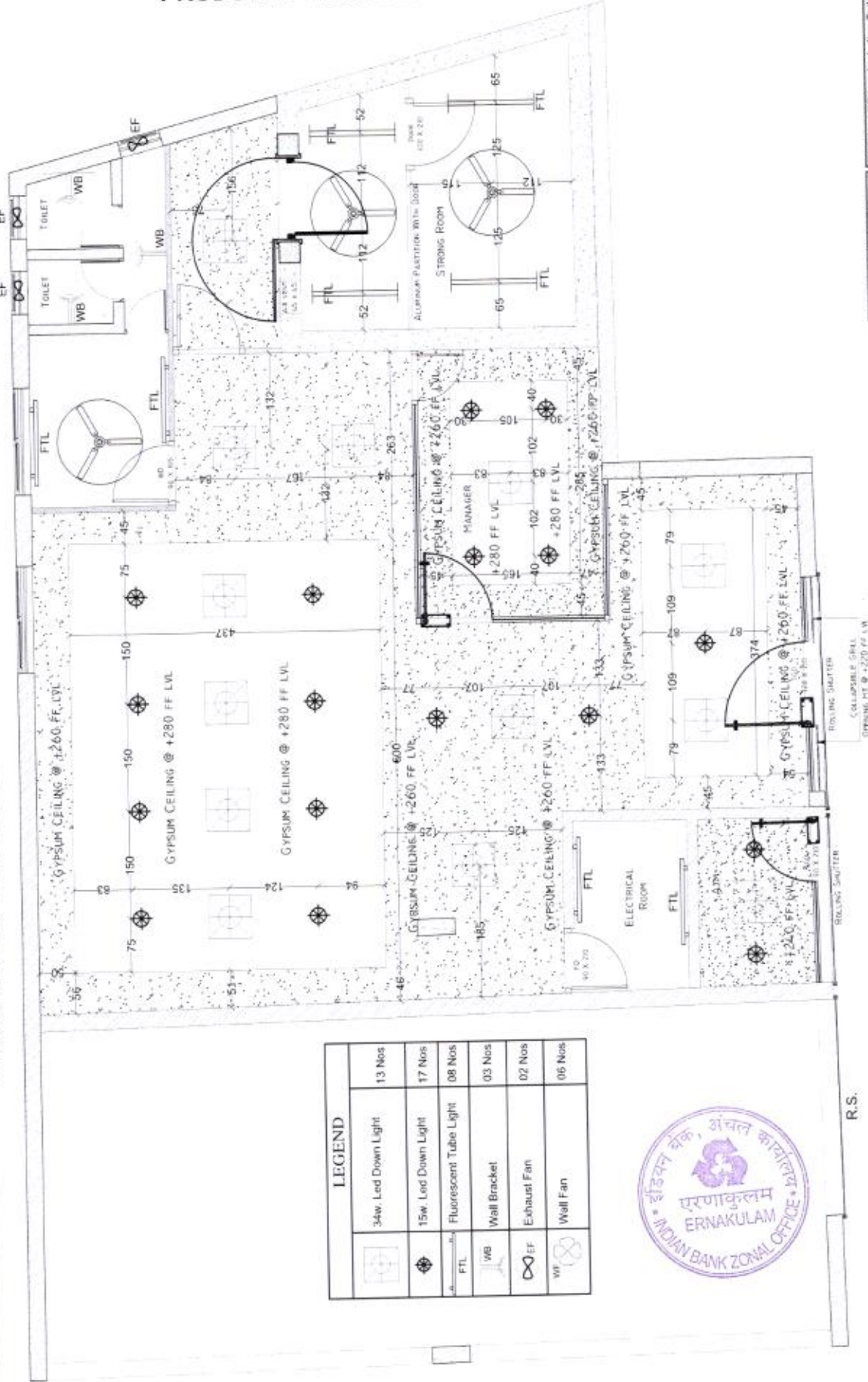
Accounting No.	IL - 01
Sheet No.	DW - 01
Date	01 - 10 - 2025

Assumptions in Competitive

LEGEND	
	34w Led Down Light 13 Nos
	15w Led Down Light 17 Nos
	Fluorescent Tube Light 08 Nos
	Wall Bracket 03 Nos
	Exhaust Fan 02 Nos
	Wall Fan 06 Nos



R.S.



SLAB BOTTOM - 345 cm
BEAM BOTTOM - 289 cm

TOTAL AREA - Including Toilets
120.77 m² (1299.48 Sqft)

Note:
All dimensions to be checked at site.
No alteration to be made in the drawings unless otherwise indicated.
In the event of any discrepancies of dimensions in structural drawings, the dimensions in the architectural drawings shall prevail.
The drawings are for information only and are not to be used for construction without the approval of the architect.

ILLUSIONS
ARCHITECTURAL ENGINEERS & INTERIOR DESIGNERS
10/10, 10th Floor, 10th Cross, 10th Main Road, 10th Stage, 10th Block, 10th Phase, 10th Sector, 10th Zone, 10th District, 10th State, 10th Country.
TEL: +91-484-2317701, 4011055
Email: illusionsarchitects@gmail.com



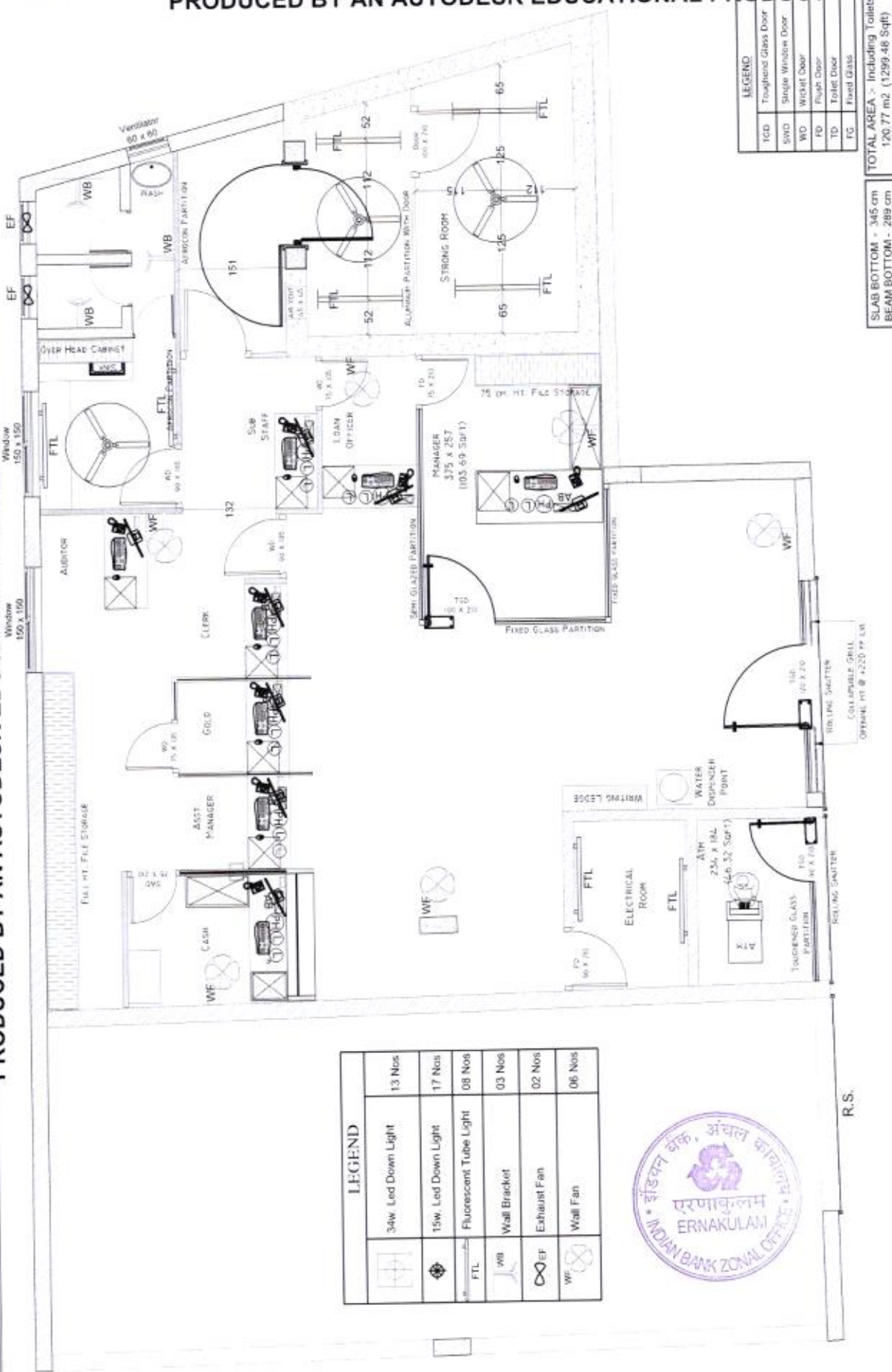
Client: Mrs. Indira Bank
Key Plan

PROPOSED INTERIOR WORK FOR M/S : INDIAN BANK @ KANNI BRANCH

DRAWING TITLE: CEILING LAYOUT

Drawing No.	IL - 01	SCALE	1:100	Revision	0001	Drawn	
Sheet No.	01	DATE	01.10.2025	BY	AKH		
Date	01.10.2025	Drawn					

All dimensions are in centimeters



LEGEND	
	34w Led Down Light
	15w Led Down Light
	Fluorescent Tube Light
	Wall Bracket
	Exhaust Fan
	Wall Fan

LEGEND	
TGD	Toughened Glass Door
SWD	Single Window Door
WD	Wicket Door
FD	Flush Door
TD	Toilet Door
FG	Fixed Glass

SLAB BOTTOM - 345 cm
BEAM BOTTOM - 289 cm

TOTAL AREA - Including Toilets
120.77 m2 (1299.48 Sqft)

Notes:
 > All dimensions to be checked at site.
 > No dimension to be scaled off from drawing; only written dimension to be followed.
 > In the event of any discrepancies of difference in structural drawings other than the above, the structural drawings shall prevail over the architectural drawings.
 > The architect shall be responsible for coordination prior to execution of work at site.

Client: M/s INDIAN BANK
Key Plan

PROPOSED INTERIOR WORK FOR M/S - INDIAN BANK @ PANNI BRANCH

DRAWING TITLE: ELECTRICAL LAYOUT

Drawing No.	Scale	Revision date	No.	Drawn
01-01	1:100			
01-02	1:100			
01-03	1:100			
01-04	1:100			
01-05	1:100			
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