INDIAN BANK

Zonal Office **Ludhiana**

SCF-88, Urban Estate, Phase-I, Dugri Ludhiana-141013 (Punjab) Ph:0161-5232120, Mob-7347035025

Email: zoludhiana@indianbank.co.in

EXTENSION OF DATE AND TIME OFSUBMISSION OF TENDER AND OPENING OF TECHNICAL BID OF ELECTRICAL AUDIT TENDER

THE DATE AND TIME OF SUBMISSION OF ELECTRICAL AUDIT TENDER IS EXTENDED FROM 30TH AUG 2023 TIME 12:00 TO 05TH SEP 2023 TIME 12:00 PM AND OPENING OF TECHNICAL BID FROM 30TH AUG 2023 TIME 04:00 PM TO 05TH SEP 2023 TIME 04: PM

Annexure-1

INDIAN BANK
Zonal Office **Ludhiana**SCF-88, Urban Estate, Phase-I,Dugri
Ludhiana-141013 (Punjab)
Ph:0161-5232120, Mob-7347035025
Email: zoludhiana@indianbank.co.in

TENDER DOCUMENT

FOR ENGAGEMENT OF AGENCY FOR CONDUCTING ELECTRICAL SAFETY AUDIT & ENERGY AUDIT OF BANK'S BRANCHES/OFFICE/ PREMISES

1. **BACKGROUND**

Indian Bank (the "Bank") is a body corporate constituted under the Banking Companies (Acquisition and Transfer of Undertaking) Act, 1970 with its head office at 254-260, Avvai Shanmugam Salai, Royapettah, Chennai – 600 014. The Bank is desirous of conducting Electrical Safety Audit & Energy Audit of its Branch /Office building located at Ludhiana
Zone
To engage the experienced agencies for conducting Electrical Safety audit & Energy Audit , scope of Work is outlined in this Tender document. Any further addenda/ corrigenda / extension of dates / clarifications/ responses to Tenderers' queries in respect of the above tender shall be posted only on the Bank's website at www.lndianbank.in and no separate notification shall be issued in any newspapers.

2. **DISCLAIMER**

The information contained in this Tender document or information provided subsequently to the Tenderers by the Bank on the terms and conditions set out in this Tender document and all other terms and conditions, subject to which such information is provided, is being provided to the Tenderers for the purpose of inviting Tenders and does not constitute nor should be interpreted as an offer. This Tender document is meant to provide information only and the Tenderers acknowledge that it shall be used only for the purpose of preparing and submitting the Tender and for the purpose necessarily associated herewith and for no other purpose whatsoever. This Tender document has not been filed, registered or approved in any jurisdiction. Each Tenderer should, at its own costs without any right to claim reimbursement, conduct its own investigations, analysis and should check the accuracy, reliability and completeness of the information in this Tender document and wherever felt necessary to obtain independent advice. The Bank makes no representation or warranty and shall incur no liability whatsoever under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this Tender document. The information contained in this Tender document is selective and is subject to update, expansion, revision and amendment.

The Bank reserves the right of discretion to change, modify, add to or alter any or all of the provisions of this Tender document and/or the Tendering process, without assigning any reasons whatsoever. Such change will be intimated or made accessible to all Tenderers or can be accessed on the website of the Bank at www.lndianbank.in. Any information contained in this Tender document will be superseded by any later written information on the same subject made available/accessible to the Tenderers by the Bank. All information about the Bank and the Scope of Work furnished by the Tenderers to the Bank in the context of the Scope of Work shall be deemed to be "Confidential Information" for purposes of this Tender document. Information provided in this Tender document is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. Further, the Bank does not accept liability of any nature whether resulting negligence or otherwise howsoever caused arising from reliance any Tenderers upon the statements contained in this Tender document.

The Bank reserves the right to reject any or all Tenders received in response to this Tender document at any stage without assigning any reason whatsoever and without being liable for any loss/injury that Tenderer might suffer due to such reason. The decision of the Bank shall be final, conclusive and binding on all the Tenderers/parties directly or indirectly connected with the Tendering process.

While this Tender document has been prepared in good faith, neither the Bank nor its employees, officers, and executives make any representation or warranty or shall have any responsibility or liability whatsoever in respect of any statements or omissions here from. Nothing in this Tender document shall be construed as legal, financial or tax advice. Any liability is accordingly expressly disclaimed by the Bank, its employees, officers, executives, affiliates, their respective officers, employees and agents even if any loss or damage is caused by any act or omission on the part of the Bank, its officers, employees, executives, affiliates, their respective officers, employees and agents, whether negligent or otherwise.

3. TIME SCHEDULE OF THE TENDER PROCESS:

SI. No	Particulars	Date and Time
1	Date of commencement of Tender Process	Date- 10th Aug 2023
2	Date and time for receipt of written queries for clarification from Tenderers.	Date- 28 th Aug 2023 Time- 12:00 PM
	Clarilleation from Terruerers.	111116- 12.00 FW
3	Last date and Time for submission of Tender including	Date- 30th Aug 2023
	Technical and Financial Bids and EMD ("Tender Due Date").	Time- 12:00 PM
5.	Date and Time for opening of the Technical Bid.	Date – 30th Aug 2023 Time – 04:00 PM
		Venue - Indian Bank, Zona l
		Office, Ludhiana
6.	Date and Time for opening of	Date and time for opening of
	Financial Bids.	Financial Bids shall be advised
		separately after evaluation of
		Technical Bids.
		Venue: Indian Bank, Zonal Office,
		Ludhiana

4. **DEFINITIONS**

Capitalized terms used in this Tender document, will have the following meanings unless. The context requires otherwise.

- 4.1 "Bank" means Indian Bank, a body constituted under the provisions of the Banking Companies (Acquisition and Transfer of Undertaking) Act, 1969 having its Corporate Office at 254-260, Avvai Shanmugam Salai, Royapettah, Chennai – 14.
- 4.2 "Contract" means the contract to be signed between the Bank and the selected Tenderer in accordance with a format to be approved / provided by the Bank and all the attached documents and the appendices, thereto.
- 4.3 "Agency" means the successful Tenderer who has been awarded the contract as per the Scope of Work outlined in this Tender document by the Bank, pursuant to issuance of the Work Order.
- 4.4 "**Day**" means the Bank's working day as defined under Negotiable Instrument Act, 1881.
- 4.5 "Work Order" means the letter of intent to be issued by the Bank to the successful Tenderer in accordance with paragraph 17.1 of this Tender document.
- 4.6 "Parties" means, collectively the Bank and the Tenderer/ selected Tenderer/ Agency as the context may require and "Party" means any of them individually.
- 4.7 "**Personnel / Professional**" mean employees, officers, partners, directors, executives, staff and personnel of the Tenderer.
- 4.8 "Scope of Work" means the scope of work to be undertaken by the successful Tenderer / Agency, as outlined in this Tender document.
- 4.9 **"Tender**" means the Technical Bid, the Financial Bid and other documents submitted in response to this Tender document submitted by the Tenderer
- 4.10 "**Tender document**" means this "invitation of Tender" prepared by the Bank for the engagement of audit agency including any subsequent clarification, amendment, modifications issued by the Bank hereto.
- 4.11 "**Tenderer**" means any individual, entity, body corporate or a firm who is submitting its Tender in response to this Tender notice for providing services to the Bank.

5. **OBJECTIVE**

- 5.1 The Bank is desirous to engage an agency for undertaking the Scope of Work, in accordance with and in the manner set out in this Tender document and the Contract.
- 5.2 Accordingly, interested parties are requested to go through the eligibility criteria, Scope of Work, terms and conditions, etc. as enumerated herein below and submit their Tenders as per programme detailed in this document.

6. **ELIGIBILITY CRITERIA**

Tenders may be submitted by an individual, proprietorship firm, limited liability partnership, company which satisfies the eligibility criteria stipulated in this Tender document.

- 6.1 The Tenderer must be a citizen of India and competent to contract under Indian Contract Act, 1872 and if a Institute, partnership firm, limited liability partnership, company or entity, it should be duly constituted / registered / incorporated, in accordance with the applicable laws of India.
- 6.2 The Tenderer should not have been declared insolvent, bankrupt or unable to pay his debts, by any court of law and shall have no insolvency or similar proceedings pending before any court of law or tribunal.
- 6.3 The Tenderer should not be a defaulter to any bank / financial institution or any non-banking financial company.
- 6.4 The Tenderer should not have been penalized for any criminal offence by any court and shall have no criminal action or proceedings pending before any court.
- 6.5 The Tenderer must have in its name, as a prime contractor / agency experience of having successfully executed assignments similar to the Scope of Work and must have successfully completed at least one single job anywhere in India in the past 3 (three) years.
 - (a) For the purposes of this paragraph, "year" means a continuous period of 365 (three hundred and sixty five) days starting at any date of a year during the period of the last 3 (three) years preceding the last day of the month previous to the one in which this Tender document is issued.
 - (b) For substantiating work experience, Tenderers are required to furnish the following information:
 - (i) Copy of work order and completion certificate from a client of the Tenderer; and
 - (ii) Start date and end date of each qualifying experience.
- 6.6 Preference would be given to a Tenderer who has qualifying experience with respect to assignments similar to the Scope of Work in relation to immovable properties owned by nationalized banks and financial institutions / Public Sector Undertakings / Centre and/or State Government organisations.
- 6.7 The Tenderer should have valid and currently subsisting permissions, licenses, authorisations required under applicable law to undertake its business and as may be required for purposes of the Scope of Work.
- 6.8 The Tenderer should possess a Permanent Account Number ("PAN"), and GST number issued by the relevant tax department of the Government of India.

7. PROCEDURE TO BE ADOPTED FOR SUBMISSION OF TENDER:

7.1 General Instructions

- (a) Tenderers must review this Tender document as a whole and ensure that their Tenders are as per the terms hereof. The Bank retains the right to modify the terms of this Tender document and/or any of the sections / attachments / formats at any time prior to the Tender Due Date.
- (b) Tenderers are expected to examine this Tender document, including all instructions, forms, specifications, conditions and other documents and requirements hereof. Failure to furnish any or all of the information required by this Tender document or submission of a Tender not responsive to this Tender document in every respect may result in rejection of the Tender. Tenderers shall be deemed to have understood and taken into account all the terms and conditions prescribed in this Tender document.
- 7.2 Tenderers must apply to the Bank in the prescribed proforma as provided in this Tender document.
- 7.3 The Tender should contain the following:
 - (a) The Technical Bid;
 - (b) The Financial Bid.
- 7.4 **The Technical Bid**: Tenderers must submit the Technical Bid in the format set out in Annexure A of this Tender document, duly filled up, in an envelope super scribing "Technical Bid For engagement agency for Electrical Safety & Energy Audit" on the top of the envelope. The format of the Technical Bid shall be typed out and printed on the Tenderer's letter head and signed by the Tenderer or an authorised signatory tendering with authorisation from the Tenderer. The content of the Technical Bid submitted by a Tenderer must be same as the format set out herein and should not contain any other information. If there is any change in the contents of the Technical Bid submitted by the Tenderer as compared to the format set out herein, then the Tender shall be rejected. Self-attested copies of the following documents are to be submitted along with the Technical Bid:
- 7.4.1 In case, the Tenderer is firm, limited liability partnership or a body corporate, details of constitution of firm, limited liability partnership or body corporate;
- 7.4.2 KYC Documents like Aadhaar, PAN, driving license, passport, etc. If the Tenderer is firm, limited liability partnership or body corporate, the person who has been authorized to submit and sign the Tender has to submit his / her KYC Documents:

- 7.4.3 In case of body corporate, are solution duly signed by the authorized persons of that body corporate authorizing therein a person to submit and sign the Tender.
- 7.4.4 An affidavit confirming therein that Tenderer has not been declared insolvent or no insolvency proceedings are going on in any court of law nor he has been a defaulter to any bank, financial institution or any non-banking financial company or have been punished for any criminal act by any court;
- 7.4.5 Latest income tax return;
- 7.4.6 Information on qualifying criteria as set out in paragraph 6 above, including necessary documents;
- 7.4.7 EMD by way of a demand draft for Rs. 2000/- (Rupees Two thousand only) favouring Indian Bank payable at **Ludhiana**; Firms registered with Udyog Aadhar as MSME exempted from EMD.
- 7.4.8 Audited balance sheet for last 3 (three) financial years and solvency certificate from its bankers.
- 7.5 **The Financial Bid**: Tenderers must submit the Financial Bid in the format set out in Annexure B of this Tender document, duly filled up, in separate sealed envelopes super scribing "**Financial Bid for Engagement of agency for Electrical Safety & Energy audit**" on top of the envelope. The Financial Bid shall not include any conditions attached to it. All unit rates and prices in the Financial Bid shall be quoted by the Tenderers in Indian Rupees only. Any such conditional Tenders shall be liable for rejection.
- 7.6 These two separate sealed envelopes should be put together in a third envelope duly sealed and super-scribing "Tender for Engagement of agency for Electrical Safety & Energy audit".
- 7.7 No Tenderer shall submit more than one Tender. A Tenderer who submits or participates in submitting more than one Tender shall be liable for rejection of all Tenders in which such Tenderer has participated.
- 7.8 The Tender as well as all related correspondence exchanged by the Tenderer with the Bank shall be written in Hindi or English language. The Tender form, complete in all respect, should reach the following addressee through any mode of delivery before the Tender Due Date:-

Assistant General Manager Indian Bank, Zonal Office SCF-88, Urban Estate, Phase-I,Dugri Ludhiana-141013 (Punjab)

- 7.9 The Bank may at its sole discretion, extend the Tender Due Date by amending the Tender Due Date, in which case all rights and obligations of the Bank and the Tenderers will be subject to the Tender Due Date as extended.
- 7.10 The Bank is not responsible for non-receipt of Tender within the Tender Due Date due to any reason including postal delays or holidays.

- 7.11 The Financial Bids of the tenders whose Technical Bid is not accompanied with EMD, will not be opened.
- 7.12 All pages of this Tender document should be sealed and signed by the Tenderer (in case of an individual) or the authorized signatory of the Tenderer, in other cases.

8. **SCOPE OF WORK:**

The scope of work to be undertaken by the Agency upon the job being awarded to such Agency by the Bank is as follows ("Scope of Work"):

- 8.1 Study of lay out plan/ Electrical drawings wherever, provided by the Bank.
- 8.2 Detailed visual inspection of the Electrical System.
- 8.3 Floor-wise assessment of Luminaries, AC System, UPS, and Electrical Panel room, Transformer, Elevator, Pump, Earthing System & Lightning Protection System-where- ever applicable.
- 8.4 Load Calculation.
- 8.5 Insulation Megger of all electrical items.
- 8.6 Electrical Safety Aspect
- 8.7 Making single line diagram of total Electrical system.
- 8.8 Any other necessary test considered necessary after visual inspection of the building.
- 8.9 Preparation of comprehensive report (as per applicable reporting format) rectifying deficiencies shown in test reports conducted to assess the Electrical Safety of the Electrical Installation System. The above reports are to be submitted in two sets in hard copy as well as in soft copy along with necessary postcard size coloured photographs on glossy paper.

9. **CONFLICT OF INTEREST**

- 9.1 The selected Tenderer/ Agency shall provide professional, objective and impartial advice, and at all times hold the Bank's interest as paramount, strictly avoid conflict with other assignment/ job(s) or their own corporate interests, and act without any expectation / consideration for award of any future assignment(s) from the Bank.
- 9.2 Without limitation on the generality of the foregoing, the selected Tenderer/ Agency, and any of their affiliates and member firms, shall be considered to have a conflict of interest (and shall not be engaged under any of the circumstances) asset forth below:
- 9.2.1 Conflicting assignment / job: The Tenderer (including its personnel) or any of its affiliates and member firms shall not be hired for any assignment / job / task that, by its nature, may be in conflict with another

assignment / job /task of consultancy to be executed for the same and/or for another employer.

9.2.2 Conflicting relationships: The Tenderer (including its personnel) having a business or family relationship with a member of the Bank's staff who is directly or indirectly involved in any part of (i) the preparation of the terms of reference of the Scope of Work, (ii) the selection process for the Scope of Work, or (iii) supervision of the Contract, may not be awarded a contract, unless the conflict stemming from such a relationship has been resolved in a manner acceptable to the Bank throughout the selection process and the execution of the Contract.

10. **SELECTION PROCESS**

- 10.1 The Tenderers fulfilling eligibility criteria shall be eligible for opening of financial bids.
- 10.2 Selection criteria for the Financial Bid shall be that the Tenderer must quote the lowest fee being the professional charges and other ancillary charges for the Scope of Work to be undertaken.
- 10.3 In case of tie between two or more Tenders, Bank will go for the interse Tendering amongst the Tenderers involved in tie.

11. **VALIDITY PERIOD OF THE TENDER:**

The Tender shall remain valid for a period of 90 (Ninety) days from the Tender Due Date. In exceptional circumstances, prior to expiry of the original validity period, the Bank may extend the period of validity. In such an event, the period of withholding the EMD shall be extended proportionately.

12. CHANGE IN CONSTITUTION OF THE TENDERER

- 12.1 Prior written approval of the Bank shall be obtained by the Tenderer (if the Tenderer is not an individual) prior to change in its constitution subsequent to the submission of the Tender. Any violation of this provision shall be deemed to be a breach of this Tender document and shall lead to rejection of the Tender submitted by such Tenderer. No changes to the constitution of any Tenderer shall be permitted after the Tender Due Date.
- 12.2 Canvassing by any Tenderer in connection with the Tender or the tendering process is strictly prohibited. In the event any Tenderer resorts to canvassing in any form or manner, the Tender submitted by such Tenderer shall be liable for rejection.

13. TIME OF COMPLETION OF THE WORK:

13.1 The Bank intends to complete the process of completing Electrical audit and submission of report within 3<u>0 days</u> from placing order with the agency.

14. **PAYMENT TERMS**:

14.1 The fee quoted by the successful Tenderer / Agency shall be the fee payable by the Bank to the Agency for performance of the Scope of Work (such fee hereinafter referred to as the "Agreed Fee").

14.2 Payment of total Agreed Fee will be made by the Bank in full after satisfactory completion of Electrical audit work and submission of reports.

15. **CONTRACT**:

- 15.1 Prior to expiry of the Tender validity period, the Bank will notify the successful Tenderer that its Tender has been accepted by way of issuance of the Work Order to the successful Tenderer through registered post/speed post (a scanned copy of the Work Order will be simultaneously sent to the successful Tenderer by way of email). The notification of award will constitute the formation of the Contract. The successful Tenderer is required to sign and return a duplicate copy of the Work Order within a period of <u>2 (two) days</u> from the date of issuance of the Work Order.
- 15.2 The Tender will be the basis of the Contract to be signed between the Bank and the selected Agency. The Contract, which will incorporate all the understanding between the Bank and the Agency shall be finalized and executed within 7 (seven) days of issuance of the Work Order by the Bank.
- 15.3 Until the Contract is executed, this Tender document together with the Bank's written acceptance of the Agency's Tender shall constitute a binding contract with the successful Tenderer.
- 15.4 The original copy of the Contract shall remain with the Bank at all times and an attested counterpart shall be provided to the Agency.

16. **LIQUIDATED DAMAGES**:

16.1 Should the Scope of Work not be completed to the Bank's satisfaction within the stipulated time period, the Agency shall be bound to pay to the Bank a sum of 0.50% of the Contract fee per week of delay by way of liquidated damages, provided that the Bank is fully satisfied that the delay is not attributable to the Agency or arose from an event or circumstance beyond the control of the Agency.

17. OTHER TERMS AND CONDITIONS

- 17.1 The Tenderers shall be responsible for all costs associated with the preparation of their Tenders and their participation in the tendering process including subsequent negotiations, visits to the Bank, etc. The Bank will not be responsible or in any way liable for such costs, regardless of the conduct or outcome of the selection process.
- 17.2 The Financial Bid should clearly indicate the total fee quoted by the Tenderer for the Scope of Work, both in figures and words, in Indian Rupees. In the event of any difference between figures and words, the amount indicated in words shall prevail. In the event of a difference between the arithmetic total and the total shown in the Financial Bid, the lower of the two shall prevail.

- 17.3 The Bank does not bind itself to accept the lowest price Tender and reserves the right to reject any or all of the Tenders without assigning any reasons whatsoever without incurring any liability to the Tenderers.
- 17.4 The selected Agency will remain associated with the Bank till the completion of the Scope of Work to the satisfaction of the Bank, in accordance with this Tender document and the Contract.
- 17.5 The Agency shall be responsible for and obliged to all its obligations related to the Scope of Work in accordance with the Contract using best practices and industry standards, state of the art methods and economic principles and exercising all means available to the Agency to achieve the performance of the Scope of Work specified in the Contract.
- 17.6 Tenders not conforming to the requirements of the Tender document shall not be considered by the Bank. However, the Bank reserves the right, at any time to seek more information/ clarification on Tenders or to waive any of the requirements of the Tender document, if in the sole discretion of the Bank; the best interests of Bank would be served by such actions.
- 17.7 The Bank shall have the right to cancel the Tender process at any time prior to award of the Contract, without thereby incurring any liabilities to the affected Tenderers.
- 17.8 The Bank reserves the right to verify the validity / correctness of Tender information and to reject any Tender where the contents appear / found to be incorrect, inaccurate or inappropriate at any time during the process of Tendering or even after award of Contract.
- 17.9 The Bank may elect to take an undertaking from employees / associates of the Tenderer to maintain confidentiality of the Bank's information / documents, etc. In this regard, the Bank may seek details/ confirmation on background verification of the Tenderer's Personnel. The Agency shall promptly furnish all such information and documents sought by the Bank.
- 17.10 If Chief Technical Examiner of the Central Vigilance Commission, Government of India, examines the work performed by the Agency pursuant to the Scope of Work and points out any defects or irregularities therein, the Agency shall take necessary steps to get those rectified promptly at no additional cost to the Bank, shall also assist the Bank in providing responses/ representations to the observations made by the Chief Technical Examiner.
- 17.11 Tenders shall be deemed to be under consideration immediately after the Tender Due Date and until such time the Bank makes official intimation of award/rejection to the Tenderers. While the Tenders are under consideration, Tenderers and/or their representatives or other interested parties are advised to refrain, save and except as required/permitted under this Tender document, from contacting by any means, the Bank and/or its officers, employees, representatives, advisers on matters related to the Tenders under consideration.
- 17.12 The Bank reserves the right to abandon, defer stop execution of any activity included in Scope of work related to any property any time even after execution of contract, giving due written notice to the Agency.

18. AGENCY'S OBLIGATION AND USE OF BANK'S DOCUMENTS, DATA AND INFORMATION:

- 18.1 The Agency shall be responsible for managing and supervising the activities of its Personnel and shall ensure that the Personnel undertake the tasks relating to the Scope of Work in accordance with the stipulated timelines and the terms of the Contract. the Agency shall at all times be responsible for all acts and omissions of its Personnel, and shall indemnify and hold harmless the Bank, its officers, employees and executives from and against any and all losses, damages, costs and expenses, suits and proceedings and penalties arising from or in connection with any act or omission, negligence or misconduct of its Personnel.
- 18.2 The Agency shall not, without the Bank's prior witten consent, disclose the Contract or any provision thereof or any specification, plan, drawing, pattern or information furnished by or on behalf of the Bank in connection therewith, to any person other than a person employed by the Agency for purposes of the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.
- 18.3 Any document, other than the Contract itself, shall remain the property of the Bank and shall be returned (in all copies) to the Bank on completion of the Agency's performance under the Contract if so required by the Bank.

19. **CANCELLATION OF TENDER PROCESS**

The Bank reserves its right to accept or reject any or all Tenders or cancel tender process without assigning reason for doing so. Any decision of the Bank in this regard shall be final, conclusive and binding upon the Tenderers. The Bank reserves the right to accept or reject any Tender in part or in full, and to cancel the tendering process and reject all Tenders at any time prior to contract award, without thereby incurring any liability to the affected Tenderer(s) or any obligation to inform the affected Tenderer(s) of the grounds for the Bank's action. During the evaluation process at any stage, if it is found that a Tenderer does not meet the eligibility criteria or has submitted false / incorrect information, the Tender will be rejected summarily by the Bank. Any effort by a Tenderer to influence the Bank in the Tender evaluation, or Contract award decision, may result in the rejection of the Tender.

20. **INDEMNITY:**

The Agency shall always keep the Bank indemnified and hold the Bank, its employees, personnel, officers, directors, representatives harmless from and against any and all losses, liabilities, claims, actions, costs and expenses (including attorneys' fees) relating to, resulting directly from or in any way arising out of any claim, suit or proceeding brought against the Bank as a result of:

(a) Breach of any of the term of this Tender document or breach of any representation or false representation or inaccurate statement or assurance or covenant or warranty of the Tenderer under this Tender document and/or a Tender:

- (b) and/ or breach of confidentiality obligations of the Tenderer contained in this Tender document;
- (c) and/ or willful negligence or gross misconduct solely attributable to the Tenderer or its Personnel;
- (d) Non-compliance by the Tenderer and/or its Personnel with applicable laws;
- (e) Loss of data due to any of the reasons mentioned above; The Tenderer's indemnity obligations under this paragraph 20 shall survive expiry or termination of the Contract.

21. **GOVERNING LAW AND JURISDICTION**

This Tender document shall be governed by the laws of India. Subject to clause 20 above, any dispute or difference arising out of this Tender document, the Tenders and the subsequent Contract awarded based on this Tender document shall be subject to the exclusive jurisdiction of the courts in Punjab.

Annexure - A

Technical Bid

Self-Attested Photograph of the Signatory

Assistant General Manager Indian Bank Zonal Office, SCF-88, Urban Estate, Phase-I,Dugri Ludhiana-141013 (Punjab)

Sub: Engagement of Agency for Electrical Safety & Energy Audit of Bank's branches/ Office Building at Ludhiana Zone

Dear Sir.

With reference to your Tender Document dated ------, I/we, having examined all relevant documents and understood their contents, hereby submit our Technical Bid for selection as agency for Electrical Safety & Energy audit of Bank's Branches/ Offices in different places / locations. The Tender is unconditional and unqualified.

- 1. We agree to undertake the project, if allotted by the Bank, as per the Scope of Work as outlined in the Tender document.
- 2. We agree and undertake to abide by all the terms and conditions of the Tender document. We submit this tender under and in accordance with the terms of the Tender document.
- 3. The undersigned is duly authorized and competent to sign the documents on behalf of the Tenderer.
- 4. We agree to keep this offer valid for 90 (Ninety) days from the last date of submitting the proposal as specified in the Tender.
- 5. I/We certify that there has been no conviction by a court of law or indictment/ adverse order in any jurisdiction by any regulatory authority or body for any offence or wrong doing against us or any associate / affiliate / or the CEO/ Directors / Managers / Partners/ Employees of our concern or that of our associate / affiliate. It is further certified that there is no investigation pending or threatened against us or our associate / affiliate or the CEO/ Directors / Managers / Partners / Employees of our concern or that of our associate / affiliate / in any jurisdiction. I/We certify that working for the Bank in relation to the proposed assignment does not and will not conflict with the other assignments that I/we have or may have now or in future. I/We further certify that we will not share Confidential Information with other assignment teams working for other clients or any other staff member who may be conflicted.

Yours faithfully,

Signature, Name & Designation of authorised signatory / seal of the firm / company)

Ы	ace:	
	acc.	

Date:

<u>Technical /</u> Experience Details

1.	Name of the Tenderer with constitution i.e., individual / Proprietor / Partnership firm / Limited liability partnership / Company	
2.	Date of Establishment / Incorporation. (Documents related to Establishment / Incorporation to be enclosed)	
3.	Complete Address of Tenderer	
4.	Name and Contact Number, E-mail address of the Authorised Person for discussions	
5.	Copy of License / Permission issued by relevant governmental authorities for Carrying out business as involved in Scope of Work of the Tender	
6.	Details of Persons / Associates proposed to be deployed on the bank's job i.e. Name, Designation, qualification, experience etc.	
7.	Name, address and Account details of the Tenderer	
8.	PAN of the Tenderer	
9.	GST registration number of the Tenderer	
	Presence in how many towns/cities in India (Name & Office Address)	
11.	Experience Details in Carrying out jobs as involved in the scope of work as well as required in	
12.	Any other Information considered relevant by the Tenderer firm / Company	
13	EMD details like Number, date and amount of DD/ IOI, name of issuing Bank & branch	

(Signature, Name and Designation of the Authorised signatory /seal of Firm / com pany)

List of enclosures-

- 1.
- 2.
- 3.
- 4.
- 5. 6.

Annexure-B

Financial Bid

Assistant General Manager Indian Bank, Zonal Office, Ludhiana SCF-88, Urban Estate, Phase-I,Dugri Ludhiana-141013 (Punjab)

Engagement of Agency for Electrical Safety & Energy Audit of Bank's branches/ Off-Site ATM/ Office Building at Ludhina Zone

all relevant documents and	er Document dated, I/we, having examined understood their contents, hereby submit out of Tender for Electrical Safety & Energy audit of Bank's aces / locations.
Work as set out in th (Rupees) for Bank) for Off-si	or the services performed in terms of the Scope of the Tender document will be Rs(Rupees of the ATM at Ludhiana, Zone (For more than one sites anch/office wise break-up may be enclosed).
2. The taxes as applicable	including GST will be extra.
3. All the out of pocket experany amount from Bank other t	nses will be borne by me/ us and I / we will not charge han above quoted fee.
4. We agree to receive document.	the fee in the stages as detailed in the Tender
5. Capitalised terms used assigned to such terms in the	d herein but not defined will have the meanings ne Tender document.
Place-	(Signature, Name and Designation of the Authorised signatory)
Date-	

ELECTRICAL AUDIT / INSPECTION FORM FOR BRANCHES (INCLUDING ONSITE ATM), OFF SITE ATM & ADMINISTRATIVE OFFICES

NAME OF BR	ANCH /	OFFICE	DATE OF VISIT:						
Total Branch KW Per Phas									
Phase I (KW))		Phase I	I (KW)		Ph	ase III (KW)		
Whether Load	d is bala	ance or	unbalan	ced	:		YES/NO		
If Load is unb	alanced	d Rectif	fication to	be done	e :				
Total Load o	f the B	ranch							
Rooms	Tube Light	Fan	Cooler	Water Cooler	PC	Printer	Cash Counting Machine	AC	UPS
Banking Hall									
Customer's Hall									
Strong Room									
Manager's Cabin									
Server Room									
Staff Room									
Canteen									
Stationery									
Room									
Toilets									
Any Other									
Room 1									
Any Other Room 1									
Any Other									
Room 2									1
Total Load									

Audit /Inspection Observations

SI. No.	Description	Observation
1	Condition of Main Distribution	
	Board / Sub Distribution Board.	

Cables & wires used in the installation to be checked for required insulation and current carrying capacity. Condition of wiring with specific remark Note: Bunching of wires to be avoided & Proper clamping of conduits with wires to be done in the Loose connection & hanging wires. 4 Heavy Duty contact points to be checked for the firm connection to avoid overheating and minimize power loss. 5 Condition of the fuses / main switches. Note: If Branches are provided with old switches and boards it can be replaced with MCB's and Distribution Boards of suitable capacity. Whether any single plug point used 6 for various power applications by means of any extension board. Note: For avoiding overloading of Circuits. 7 Non provision of MCB / Circuit Breakers of adequate capacity. Note: Incoming and individual outgoing MCB's / switches to be rated with proper capacity 8. Condition of neutral wire / earthing Note: Check for any loose connection 9 Details of Connected Load 10 Sanctioned Load (By State Electricity Board) (in KW) Present Load (in KW) If the available Load is more than the sanctioned load then the additional equipments which are connected are to be ensured that the wiring / switches / MCBs provided is capable of withstanding additional load. This is the root cause of fire accidents.

11 Power Consumption in excess of the sanctioned load. 12 Check for availability of measuring instruments in the Control Panel Voltmeter, Ammeter, viz. Frequency Meter, Power Factor Meter, Energy Meter for calibration to measure electricity. 13 Earthing: (a) UPS Earthing- Value in ohms. (b) Raw power Earthing- Value in ohms. (c) No: of earth pits Note: UPS and Raw Power should have separate Earthing. 14 Total UPS Load:-(a) Total no of UPS with capacity (b) UPS panel wiring (c) Whether alternate Nodes are connected to one UPS. (d) Is UPS under AMC with OEM or not? (e) Is whether UPS load balanced? Mention Current in all the three phases. Note: If UPS load is imbalanced. the loads to be balanced in all the three phases. 15 **UPS Batteries:-**(a) No of Batteries (b) Periodicity of servicing (c) Proper ventilation / Exhaust fan provided 16 Air-conditioner:-(a) No of Airconditioners working round the clock with Tonnage. (b) Whether separate stabilizer provided for each AC unit

(c) Any timer fixed to the AC units for alternate functioning. (d) Check whether supply for ACs is drawn through power points. (e) Date of last servicing carried out. (f) Eligible life span of ACs. (g) Whether Outdoor units are earthed? (h) Whether Ac's are covered in AMCs? If Yes, what is the frequency Preventive of Maintenance in a year? Note: Periodic cleaning of AC filters is mandatory. 17 Any Generator provided (a) Location (b) Capacity (in KVA) (c) Periodical maintenance (Whether AMC with OEM or not?) (d) Change over switch manual or automatic.

SAFETY QUESTIONER

S.NO.	DESCRIPTION	DETAILS	REMARKS
1	WHETHER TPN ISOLATORS / MCCBs / ELCBs / ARE PROVIDED TO CATER THE LOAD	YES / NO	
2	WHETHER LIGHTS AND EMERGENCY LIGHTS ARE PROVIDED IN ELECTRICAL ROOM / OPERATING AREAS FOR EASY OPERATION & MAINTENANCE WORKS	YES / NO	
3	WHETHER PUMP ROOM, DG SET ROOM, UPS ROOM, AC PLANT ROOM, ELECTRICAL PANEL ROOM ARE MAINTAINED IN DRY AND IN GOOD CONDITION AND OBSOLETE / HAZARDOUS / OLD ITEMS ARE NOT DUMPED THERE.	YES / NO	
4	WHETHER WATER SEEPAGE IS OBSERVED NEAR ANY OF THE ELECTRICAL PANEL, DISTRIBUTION BOARD, ELECTRICAL EQIPMENT, ETC	YES / NO	

WHETHER EARTHING PITS ARE PROVIDED AND CONNECTED TO EQUIPMENT AND THE BODY OF YES / NO EQUIPMENT WHETHER EARTHING PITS ARE MAINTAINED PROPERLY YES / NO WHETHER EXHAUST FANS FOR VENTILATION OF PANEL ROOM / ELECTRICAL ROOM / UPS ROOM / DG SET ROOM IS PROVIDED AND NO PAPER, OLD MATERIAL OR ANY OTHER SCRAP IS KEPT NEAR YES / NO DB / PANELS / UPS / BATTERIES ETC. WHETHER PENALTY IS BEING IMPOSED IN ELECTRICITY BILL ON ACCOUNT OF HIGHER LOAD / POOR POWER FACTOR / POOR LOAD FACTOR ETC (ACERTAINED FROM THE ELECRICITY BILLS OF APRIL/MAY/JUNE/JULY) ADDITIONAL ELECTRICAL YES / NO LOAD REQUIRED (IF ANY) WHETHER LOAD IS DISTRIBUTED IN ALL THREE PHASES TO AVOID ANY UNBALANCING OF PHASE LOAD AND NO LOOSE ELECTRICAL CONNECTIONS / YES / NO HAPHAZRAD WIRINGS OBSERVED IN THE BUILDING / OFFICE PREMISES. WHETHER ISOLATING SWITCHES ARE PROVIDED FOR SWITCHING OFF OF THE NON ESSENTIAL LOADS 10 IN PREMISES DURING NIGHT AND MAIN SWITCH TO SWITCH OFF THE POWER SUPPLY TO THE BUILDING /YES / NO FLOOR IN CASE OF FIRE / EMERGENCY. WHETHER PROPER PREVENTIVE MAINTENANCE AFTER OPENING OF THE ELECTRIACL BOARDS AND DISTRIBUTION BOARDS ARE CARRIED OUT 11 BY THE LICENSE HOLDER ELECTRICIAN OR SKILLED TECHNICIANS OF EQUIPMENT YES / NO MANUFACTURER / SERVICE PROVIDERS. WHETHER APPROPRIATE TIMERS USED IN THE CHANGEOVER OF AIR CONDITIONERS FOR SERVER ROOM ACS AND FOR SIGNAGE BOARDS TO MAKE AUTO ON / OFF (FOR SCHEDULE TIMINGS). THE THERMOSTAT OF THE ACs AT 12 SERVER ROOM SHOULD BE SET TO SAY 26 C, SO THAT IT WILL RUN ONLY WHEN THE YES / NO TEMPRATURE IS TOO HIGH (TO MINIMIZE CHANCES OF FIRE DUE TO IDLE RUNNING OF THE ACS DURING NIGHT) WHETHER PREVENTIVE MAINTENANCE OF THE ELECTRIC INSTALLTION AND EQUIPMENT IS 13 CARRIED OUT BY SKILLED LICENSE HOLDER YES / NO ELECTRICIANS / SKILLED TECHNICIANS GENERAL CONDITION OF ELECTRICAL CONTROL PANELS, MAIN SWITCH, ELECTRIC METER BOARD, CHANGE OVER SWITCH, AC, 14 WATER COOLERS, WATER FILTERS, WIRING CABLES ETC ARE IN GOOD CONDITIONS AND YES / NO DBs, PANELS, SWITCH BOARDS ARE PROPERLY COVERED

WHETHER ELECTRICASAFETY L EQUIPMENTS OF PANTRY ETC ARE PROPERLY CONNECTED TO INDUSTRIAL SOCKET BOX WITH MCBs. 15 MCBs OR LATEST TYPE SWITCHES ARE PROVIDED TO SWTICH ON / OFF THE ACs TO YES / NO PROTECT THEM FROM OVERLOAD. WHETHER THE CONTACT NUMBER OF PERSONS, ELETRICIANS, POWER DISTRIBUTION COMPANY. GENERTOR SERVICE PROVIDER, UPS VENDORS, 16 ACs ETC ARE AVAILABLE WITH SECURITY GAURDS AND OTHER STAFF ARE YES / NO DISPLAYED IN ELCTRIC / UPS/SERVER ROOM. WHETHER POWER FACTOR CORRECTION PANEL 17 OF APPROPRIATE RATING IS INSTALLED. YES / NO WHETHER ALL THE CONNECTING POINT AT VARIOUS DBs AND PANELS ARE PROPERLY 18 INSULATED AND PROPER INDICATIVE MARKING YES / NO ARE DONE ARE THE RESPECTIVE PANEL /DB WHETHER THE INTERNAL INSULATION OF THE 19. WIRE HAVE BEEN ACCOUNTED FOR CHECKING YES / NO THE DURABILITY OF ELECTRICAL CONNECTION ALL OLD DISPOSABLE RECORDS, BROKEN 20 FURNITURE ETC ACCUMULATED IN THE YES / NO PREMISES HAVE BEEN CLEARED. COMBUSTIBLE LEAF LITTER / WASTE PAPERS 21 ETC IN AND AROUND THE BRANCH ARE YES / NO REMOVED / CLEANED PERIODICALLY NO STATIONARY / RECORDS / OLD OBSOLETE ITEMS ARE STORED / KEPT IN THE SERVER / UPS YES / NO 22 ELECTRIC ROOM STORAGE RACKS IN STATIONARY / RECORD ROOM KEPT AT A SAFE DISTANCE OF AT LEAST 23 2M FROM ELECTRICAL POINTS / SWITCH / YES / NO JUNCTION BOXES 24 WHETHER IN THE PANTRY / CANTEEN, LPG IS YES / NO USED ARE THE FIRE EXTINGUISHERS AVAILABLE IN THE FOLLOWING WORK AREA AND CLEARLY MARKED AND ACCESSIBLE: SERVER / UPS ROOM: CO2 TYPE X 2 2. INDIVIDUAL DEPARTMENT OF THE PREMISES: 25 YES / NO CO2 TYPE X 1 3. STATIONARY ROOM: CO2 TYPE X 1 4. ELECTRIC ROOM / AC PLANT ROOM: CO2 TYPE X 2 5. DG SET/GENERATOR : 6KG ABC CAPACITY X 2 WHETHER SERVER ROOM HAVE DUAL AC UNITS YES / NO 26 WITH TIMER CIRCUIT DEVICE ON INDEPENDENT 27 WHETHER EXHAUST FANS ARE INSTALLED IN YES / NO UPS ROOM

28	WHETHER PROPER INSULATION AT THE YES	S / NO
	BATTERIES HAVE BEEN PROVIDED	

Details of rectification required

HIGH RISK:	
MEDIUM RISK	
LOW RISK	

`

Approximate cost for carrying out rectification work. (Individual cost of items to be mentioned) **SIGNATURE OF QUALIFIED ELECTRICIAN / AGENCY WITH ADDRESS** SIGNATURE OF BRANCH MANAGER

FOR PREMISES HAVING MULTIPLE FLOORS / OFFICES

1. Assessment of luminaries / light fittings

Type of luminaries / light fittings	No of luminaries / light	Lux level of luminaries / light fittings	Total electrical load consumption		Remarks (Condition of light fixtures acceptable or Not	Suggestions for improvement, if any
	fittings		Watt	Amp	-	

2. Floor wise assessment of Air conditioning system

Type of Air			Total electrical	Condition of	Remarks	Suggestions
Conditioni	conditione	Air	load consumption	air	(Condition of	on
ng units		Conditioner (TR)		system	l .	improvement, if any

3. Floor wise assessment of UPS

No. of UPS	Capacity (KVA)	Vc of	P-F olta ea JP:	ge ich	P-N eac	Volta h U	age IPS	P Cu	has ırrer	_	Tot elect loa consu	rical ıd ımpti	Earthing & its adequac	e earthing & its	Suggestion s on improveme
		R	Υ	В	R	Υ	В	R	Υ	В	KW	Α			

4. Floor wise assessment of electric circuit

Presence of Main switch interlocking if two different supplies are coming to Distribution panel Availability of correct identification of circuit details and protective devices Presence of nonstandard (mixed) cable color warning notice at or near consumer unit / Distribution board Cables correctly supported throughout their run or not Condition of insulation of live parts Adequacy of wiring for current carrying capacity with regard to the type and nature of the installation Adequacy of protective devices, type and rated current for fault protection Presence and adequacy of circuit protective conductors Whether Low voltage cables segregated from Medium voltage cables Whether Cables separated / segregated from non-electrical services	Sl.No	Wise assessifiert of electric circuit	Pocult	Remarks	Suggestions on
1 Presence of Main switch interlocking if two different supplies are coming to Distribution panel 2 Availability of correct identification of circuit details and protective devices 3 Presence of nonstandard (mixed) cable color warning notice at or near consumer unit / Distribution board 4 Cables correctly supported throughout their run or not 5 Condition of insulation of live parts 6 Adequacy of wiring for current carrying capacity with regard to the type and nature of the installation 7 Adequacy of protective devices, type and rated current for fault protection 8 Presence and adequacy of circuit protective conductors 9 Whether Low voltage cables segregated from Medium voltage cables 10 Whether Cables separated / segregated from	31.140	Heads	Result		Suggestions on
1 Presence of Main switch interlocking if two different supplies are coming to Distribution panel 2 Availability of correct identification of circuit details and protective devices 3 Presence of nonstandard (mixed) cable color warning notice at or near consumer unit / Distribution board 4 Cables correctly supported throughout their run or not 5 Condition of insulation of live parts 6 Adequacy of wiring for current carrying capacity with regard to the type and nature of the installation 7 Adequacy of protective devices, type and rated current for fault protection 8 Presence and adequacy of circuit protective conductors 9 Whether Low voltage cables segregated from Medium voltage cables 10 Whether Cables separated / segregated from					•
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and protective devices 3 Presence of nonstandard (mixed) cable color warning notice at or near consumer unit / Distribution board 4 Cables correctly supported throughout their run or not 5 Condition of insulation of live parts 6 Adequacy of wiring for current carrying capacity with regard to the type and nature of the installation 7 Adequacy of protective devices, type and rated current for fault protection 8 Presence and adequacy of circuit protective conductors 9 Whether Low voltage cables segregated from Medium voltage cables 10 Whether Cables separated / segregated from		different supplies are coming to Distribution panel			
and protective devices 3 Presence of nonstandard (mixed) cable color warning notice at or near consumer unit / Distribution board 4 Cables correctly supported throughout their run or not 5 Condition of insulation of live parts 6 Adequacy of wiring for current carrying capacity with regard to the type and nature of the installation 7 Adequacy of protective devices, type and rated current for fault protection 8 Presence and adequacy of circuit protective conductors 9 Whether Low voltage cables segregated from Medium voltage cables 10 Whether Cables separated / segregated from	2	Availability of correct identification of circuit details			
3 Presence of nonstandard (mixed) cable color warning notice at or near consumer unit / Distribution board 4 Cables correctly supported throughout their run or not 5 Condition of insulation of live parts 6 Adequacy of wiring for current carrying capacity with regard to the type and nature of the installation 7 Adequacy of protective devices, type and rated current for fault protection 8 Presence and adequacy of circuit protective conductors 9 Whether Low voltage cables segregated from Medium voltage cables 10 Whether Cables separated / segregated from					
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Distribution board 4 Cables correctly supported throughout their run or not 5 Condition of insulation of live parts 6 Adequacy of wiring for current carrying capacity with regard to the type and nature of the installation 7 Adequacy of protective devices, type and rated current for fault protection 8 Presence and adequacy of circuit protective conductors 9 Whether Low voltage cables segregated from Medium voltage cables 10 Whether Cables separated / segregated from					
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with regard to the type and nature of the installation 7 Adequacy of protective devices, type and rated current for fault protection 8 Presence and adequacy of circuit protective conductors 9 Whether Low voltage cables segregated from Medium voltage cables 10 Whether Cables separated / segregated from					
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current for fault protection 8 Presence and adequacy of circuit protective conductors 9 Whether Low voltage cables segregated from Medium voltage cables 10 Whether Cables separated / segregated from	7	Adequacy of protective devices, type and rated			
8 Presence and adequacy of circuit protective conductors 9 Whether Low voltage cables segregated from Medium voltage cables 10 Whether Cables separated / segregated from					
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conductors 9 Whether Low voltage cables segregated from Medium voltage cables 10 Whether Cables separated / segregated from	8	Presence and adequacy of circuit protective			
9 Whether Low voltage cables segregated from Medium voltage cables 10 Whether Cables separated / segregated from		· · · · · · · · · · · · · · · · · · ·			
Medium voltage cables 10 Whether Cables separated / segregated from					
Medium voltage cables 10 Whether Cables separated / segregated from	0	Whather Law voltage cohice cogregated from			
10 Whether Cables separated / segregated from					
non-electrical services					
		non-electrical services			

11	Whether proper terrenciosures	mination of cables at		
12	Connections soundly made and	Insulation of conductor visible outside enclosure		
	under no undue strain	Connections of live conductors adequately enclosed		
		Adequately connected at point of entry to enclosure (glands, bushes etc.,)		
		Condition of accessories including socket outlets, switches & joint boxes		
13		rvations, if any record the inspections applied Separately		

5. Floor wise assessment of electrical Panel room

Sl.No		Heads	Result	Remarks acceptable or Not)	Suggestions on improvement, if any
1	Drosonos of Main	awitch interlooking if two		out of the state o	
Į.		switch interlocking if two are coming to Distribution			
2		ect identification of circuit			
	details and prote				
3		tandard (mixed) cable			
3		tice at or near consumer			
	unit / Distribution b				
4		supported throughout their run			
-	or not	supported unoughout their fun			
5	Condition of insula	ation of live parts			
6		for current carrying			
0		rd to the type and nature			
	of the installation	id to the type and nature			
7		ective devices, type and			
'	rated current for fa				
8	Presence and ac				
	protective conduc				
9		age cables segregated from			
	Medium voltage c				
10		separated / segregated from			
	non electrical serv				
11	Adequacy of prote	ective earthing conductor			
12	Adequacy of Neut	ral earthing conductor			
13	Whether proper to	ermination of cables			
	at enclosures				
14	Connections	insulation of conductor			
	soundly made	visible outside			
	and under no	enclosure			
	undue strain	Connections of live			
		conductors adequately			
		enclosed			
		Adequately connected at			
		point of entry to enclosure			
		(glands, bushes etc.,)			
		Condition of			
		accessories including			
		socket outlets,			

15	Details switch	No of F	Panels		
	gear panels	Rating	of panels		
			rement of P-P & P-N e of Panels		
			rement of P-P & P-N to of Panels		
		Conditi	on of Panels		
		Any oth	ner observations		
16	Whether method Electrical room is		es laid inside the table		
17			Air conditioning load		
	Floor		Light & power load		
18	Whether electricates	al load b	palancing is		
19	Other special ob results of particu separately		ons, if any record the ections applied		

6.Assessment of Transformer

No. of	Capacity of		P-P			P-N			าลร		Tota		Neutral		Condition	Whether	Remark	Sugge
Trans	each	Vo	ltaç	ge	Vo	ltaç	ge	Сι	ırre	nt	electri	С		ectiv e		transform	S	st-ions
forme	Transformer		ead			acl			s		al load	k	& its		insulation		(Conditi	on
rs	S	Tra	ans	sfo	Tra	ans	fo				consu	ım	adequacy	ing &		loaded/u	on of	improv
	 Rating 	rn	ner	S	rn	ner	s				ptio	1		its		nder	machine	ement,
	2. make													adeq		loaded	accepta	if any
	3. type													uacy		and	ble or Not	
																Calant	DIE OI NOU	
																thereof in		
																%		
					I													
		R	Y	В	R	Y	В	R	Y	В	KW	A						

7. Assessment of Elevator

No	Capacity	ı	P-P			P-N	1	Ph	ase	;	Tot	al	Para	meters	of the	motors	;	Neutral	Prote	Condi	Remark	Sugge
	of each	Vo	oltag	jе	٧c	olta	ge	Cu	rren	ts	elect	rical						Earthing	ctive	tion of	s (Conditi	stions
	elevator s						_				loa	ıd						& its	earth	insula	on of	on
											consu	ımpti	No	C	V ale	C	C 1'4'	adequac	ing &	tions	machin e	improv
	1. Rating										or	٠ ١	NO	Capa c-ity	Volt	Curr ent	Conditi on of	y y	its		accepta	ement,
	2.make													(KW)	-age	CIII	motors	1	adeq		ble or Not	
	3.type													(1711)			motors		uacy			,
																			1			
		R	Y	В	R	Y	В	R	Y	В	KW	Α										

8. Assessment of Pump

N o of	Capacit y of.	P-I Vol			P-N Vol	N tag	je	Ph Cu s		nt	Total electric load consur	al	Para moto	ers of	the p	·	Neutral Earthing & its adequa	earm	Rema r ks	Sugg e stions on
P u m p	each pump 1. Rating 2.make 3.type										pt ion			age	Curr ent	Conditio n of motors	c y	g & its adequ acy	(Condition of machine accept able or Not	improv - ement , if any
		R	Υ	В	R	Υ	В	R	Υ	В	KW	Α								

9. Assessment of earthing system

Earthing Continuity Testing: This Test is conducted to find out any equipment that has not been earthed properly and in compliance with Indian Electricity Act 1956, IS-1200 part I and as per IS-3043 of 1966. It is to be checked with the help of Continuity Testing Meter and Earth Resistance Meter

SI. No	Heads	Result	Remarks (acceptable or Not)	Suggestions with new technologically energy efficient, environment friendly, cost benefited air conditioning system
1	No of earth pit			
2	Туре			
3	Earthing test report			
4	Continuity test report			
5	Condition of total earthing system for the building. (Give detail report)			
6	Neutral Earthing & its adequacy			
7	Protective Earthing & its			
8	Other special observations, if any record the results of particular inspections applied separately			

10. Assessment of lighting protection system

Sl. No	Heads	Result	Remarks (acceptable or Not	Suggestions with new technologically energy efficient, environment friendly, cost benefited air conditioning system
1	Number of terminals			
2	Number of down conductors			
3	Continuity of conductor			
4	Condition of the lightning conductor			
5	Joints condition			
6	Testing point on down conductor			
7	Earth conductor condition			
8	Earth resistance			
9	Other special observations, if any record			
	the results of			
	particular inspections applied			
	separately			

11. Assessment of Diesel Generating Set:

No of	Capacity of	P-	Р		P-1	V		Pł	nas	se	Total		Neutral	Protectiv	Conditio	Whether	Remark	Sugges
Diesel	each Diesel	۷o	lta	ge	Vol	ltaç	gе	Сι	ırre	nt	electi	rical	Earthin	e	n of	Diesel	s	ti ons
Gener	Generator	of (ea	ch	ea	ch		s			load		g	earthing	insulati	Generator	(Conditi	on
ator	Set	Die	ese	el	Die	ese	el le				cons	ump	& its	&	О	Set over	o n of	improve
Set	 Rating 	Ge	ene	era	Ge	ne	ra				ti on		adequ	its	ns	loaded/un	machin	ment,
	2.make	t o	r S	et	t or	· S	et						ac y	adequac		de r	е	if any
	3.type	R	Υ	В	R	Υ	В	R	Υ	В	KW	Α						

9	ICI	NI.	ΔΤ	HE	? ⊏	W	ITH	SI	⊏Δ	ı
$\boldsymbol{\circ}$	וכאו	INI	ΗΙ	UЛ	◟	vv	ΙΙП	OI	$=$ \vdash	_

(CONSULTANT / CONTRACTOR)

(OFFICER OF BRANCH / OFFICE)

NAME OF THE ELECTRICAL ENGINEER / CONSULTANT / CONTRACTOR:

SUPERVIOR'S VALIDLICENSE NO:

DATE: PLACE:

The particulars furnished in the application are true to the best of my/our knowledge & belief. I/we understand that if any of the particulars is found incorrect, even at a later stage, my/our contract will be cancelled.

SIGNATURE WITH SEAL

(CONSULTANT/CONTRACTOR)

DATE: PLACE:

FORMAT FOR ELETRICAL ENERGY AUDIT FOR BRANCHES

BRANCH CODE & NAME	
ADDRESS	
SANCTIONED LOAD	
CONNECTED LOAD	
MONTHLY ELECTRICITY BILL (APPX)	
TOTAL TONNAGE OF AIR CONDITIONER LOAD	
AREA OF THE BRANCH	

ELECTRICAL ENERGY AUDIT:

S.No.	DESCRIPTI	Wattage	Recommendatio
1.	Type of Electrical Fittings installed and its		
2.	No of Ceiling Faninstalled and its power consumption.		
3.	No. of Wall Fan installed and its power consumption		
4.	No of Air-conditioners and its capacity and power consumption of		
5.	No of computer installed and its power consumption.		
6.	UPS installed and its capacity		
7.	Any other gadgets in stalled and its power consumption.		
8.	Verification of electricity Bill for last 12 months and observation if any		
9	Leakage if any in the wiring system		

The particulars furnished in the application are true to the best of my/our knowledge & belief. I 0/we understand that if any of the particulars is found incorrect, even at a later stage, my/our contract will be cancelled.

SIGNATURE & SEAL OF AUDITOR

DATE:

PLACE:

Electrical Safety & Energy Audit Page

Branch Details of Ludhiana Zone

	Branch Details of Ludhiana Zone							
SR. No.	IBGA	CBS CODE	BRANCH	DISTRICT	Branch Manager/Contact Person	Mobile no		
1	A629	6919	ANANDPUR SAHIB	RUPNAGAR	Namrata Singh	7347035081		
2	B118	2006	BARNALA	BARNALA	Pawandeep Singh	7347035041		
3	B674	6219	BARNALA BRANCH	BARNALA	Satyender Meena	7347035084		
4	B536	6758	BHAGHA PURANA	MOGA	kulveer singh	7347002535		
5	B163	2470	BHAGPURA	MOGA	Raman Kumar	7347002536		
6	B753	7344	BHAINI FATTA	BARNALA	Amrinder Sidhu 7347035086			
7	B083	1556	BHATINDA	BATHINDA	Ritu	7347035042		
8	B777	7413	BHAWANIGARH	SANGRUR	Jyoti Sinhmar	7347002540		
9	B055	733	BHOURA	LUDHIANA	Sunaina sharma	7347035043		
10	B165	2537	BRS NAGAR	LUDHIANA	Varun Bhalla	7347035044		
11	B879	6736	BUDHLADA MANDI	MANSA	Puneet Raj	7347035087		
12	C167	2794	CHAMKUAR SAHIB	RUPNAGAR	VIJAY KUMAR	7347035045		
13	D085	2792	DALLA	RUPNAGAR	Mahaveer Prasad	7347035046		
14	D634	6584	DHURI	SANGRUR	Pradeep Kumar	7347002537		
15	D069	2182	DORAHA	LUDHIANA	Shikha Gupta	7347035048		
16	D029	725	DUGRI	LUDHIANA	Sanjay Kumar	7347035049		
17	D669	7145	DURGI ROAD, LUDHIANA	LUDHIANA	Amit Kumar	7347035102		
18	F009	2204	FATEGARH NAUBAD	BATHINDA	Tarun Bansal	7347035050		
19	M725	4420	FEROZEPUR ROAD MOGA	MOGA	Varun Pratap	7347035053		
20	G524	6598	GANDUAN	SANGRUR	Ashok Kumar	7347002538		
21	G124	3018	GHANAULI	RUPNAGAR	Satinder Singh	7347035051		
22	G129	3168	GILL ROAD, LUDHIANA	LUDHIANA	Sanjeev Kumar	7347035052		
23	H521	6387	HAMBRAN	LUDHIANA	Sunita	7347035094		
24	J002	551	JAGRAON	LUDHIANA	kailash Meena	7347035055		
25	J552	6634	JAMALPUR	LUDHIANA	Mahesh Prasad	7347035099		
26	K035	591	KALGIDHAR GURUDWARA KHANNA	LUDHIANA	Neeru Parmar	7347035058		
27	S141	1555	KALSINAGAR	LUDHIANA	Ajay Mishra	7347035057		
28	K680	5973	KHANNA	LUDHIANA	SACHIN GARG	7347035100		
29	K728	7412	KOHARA	LUDHIANA	Raj Kumar Johari	7347035104		
30	L544	6605	LEHRAGAGA (M CL)	SANGRUR	Dinesh Kumar	8175888840		
31	L003	523	LUDHIANA	LUDHIANA	HARISH	7347035059		
32	L572	6018	LUDHIANA B.R.S. NAGAR	LUDHIANA	Shobhit dawar	7347035129		
33	L566	4365	LUDHIANA CHAURABAZAR	LUDHIANA	Piyush Singh	7347035088		
34	F521	6925	LUDHIANA FOCAL POINT	LUDHIANA	Sharandeep Singh	7347035091		
35	L568	6627	LUDHIANA GILL ROAD	LUDHIANA	Nirmal Anand	7347035092		
36	H506	7199	LUDHIANA HEBOVAL	LUDHIANA	Bikash Kumar	7347035103		
B i Z ctri	ca L569 y &	E 43 2∕1Au	_{di} ŁUDHIANA LINK ROAD	LUDHIANA	Rohit Sardana	Pag ₹347035101		

	1		LUDHIANA OSWAL			
38	0517	6107	WOLLEN MILLS	LUDHIANA	Rajveer Suman	7347035115
			LUDHIANA RAJGURU		,	
39	L570	6658	NAGAR	LUDHIANA	Jaspreet Kaur	7347035118
			LUDHIANA S.A.N. JAIN			
40	S560	6306	SHCOOL	LUDHIANA	Praveen Kumar	7347035125
41	L571	6626	LUDHIANA SHIVPURI	LUDHIANA	Nirmala Kumari	7347035128
			LUDHIANA SME			
42	L573	5994	FINANCE BRANCH	LUDHIANA	NAVNEET KUMAR	7347035130
43	L574	5908	LUDHIANA VARDHMAN	LUDHIANA	Munesh K Verma	7347035132
44	NAFOO	CEE2	MACHILINA/ADA	LLIDIIIANA	Sudhir Kumar	7247025107
44	M508	6552	MACHHIWARA	LUDHIANA	Yadav	7347035107
45	M582	6712	MALERKOTLA	SANGRUR	Dheeraj Kumar	7347002547
46	M596	6632	MANDI AHMEDGARH	SANGRUR	Pushpendra Singh	7347002541
47	M626	4665	MANKOOKE	MOGA	Sonu Kumar	7347002542
48	M631	6202	MANSA	MANSA	Amit Kumar	7347035108
49	M298	2623	MATWANI	MOGA	Abhishek	7347002543
50	M671	7198	MAUR MANDI	BATHINDA	Vikram Basetia	7347035105
51	M363	3278	MCB, LUDHIANA	LUDHIANA	Sharad K Joshi	9822422767
52	M695	4662	MEHNA	MOGA	Rakesh Kumar	7347002544
53	M149	1495	MODEL TOWN	LUDHIANA	Kapil Dev	7347035065
			MODEL			
54	M722	7144	TOWN,BHATIDA	BATHINDA	Aman Garg	7347035110
55	M151	1511	MOGA	MOGA	Darshan Saini	7347002545
56	M751	6331	MORINDA	RUPNAGAR	poonam Rani	7347035111
57	M281	2488	MULLANPUR	LUDHIANA	Rupak K Verma	7347035066
58	N535	6727	NANGALKALAN	MANSA	Kuldeep Yadav	7347035113
	N 42 4 E	24.46	NEEM WALI GALI	D.A.A.D.C.A.	C	7247025064
59	M245	2146	MANSA POKHAWAL ROAD,	MANSA	Gurvinder singh	7347035064
60	P524	6848	LUDHIANA	LUDHIANA	ANKUSH KHEPAR	7347035117
61	R517	7459	RAIKOT	LUDHIANA	Harjot Singh	7347035117
62	R582	6597	RAMPURA PHUL	BATHINDA	Subhash Chander	7347035100
63	R653	6266	ROOPNAGAR	RUPNAGAR	Suman Kumari	7347035113
64	R027	623	RUPNAGAR	RUPNAGAR	Ravinder Kumar	7347035040
65	S530	6603	SAHNEWAL	LUDHIANA	Love Preet	7347035071
66	S278	2812	SALAHPUR	RUPNAGAR	Kiirti Arora	
	S277				Inder Preet	7347035072 7347035073
67		2795	SAMANA KALAN	RUPNAGAR	+	
68	S558	6403	SAMRALA	LUDHIANA	INDERPAL SINGH	7347035124
69	S126	1509	SANGRUR SHAHID KARNAILSINGH	SANGRUR	Manoj Kumar	8800887672
70	S238	2473	NAGAR-LUDHIANA	LUDHIANA	Sahil Bharadhwaj	7347035075
71	S240	2495	SUNAM	SANGRUR	Shree Niwas	7347002546
,,	3240	2733	SUNVIEW ENCLAVE,	3/114011011	Jin CC IVIVVU3	75-7002540
72	S300	3155	LUDHIANA	LUDHIANA	Himanshu Mishra	7347035078
73	T151	2202	TAGORE NAGAR	LUDHIANA	Akhil Bhardhwaj	7347035079
		_			SRI SURAJ	
1714 ctri	ca i[S a 1e3 y &	: Е 6606	diTALWANDI SABOO	BATHINDA	SINGHAL	Pag 7 347035131

TEENKONI CHOWK BHATINDA 7347035085 5979 BATHINDA H P Haldunia

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