

Appendix-A

WEBSITE ADVERTISEMENT

INDIAN BANK, ZONAL OFFICE DELHI (SOUTH)

Address: - 2nd Floor, 17 Parliament Street
Indian Bank Building, New Delhi- 110001

e-mail:- zodelhisouth@indianbank.co.in

Phone:-. 011-23364311

TENDER DOCUMENT

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

Corporate Office: 254-260,Avvai Shanmugam Salai, Royapettah,
Chennai-600 014



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 Branches/ATMs/ Offices building located under **Delhi (South) 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.Indianbank.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.Indianbank.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 from negligence or otherwise howsoever caused arising from reliance of 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:

Sl. No.	Particulars	Date and Time
1	Date of commencement of Tender Process	Date - 19 May 2023 Time - 10:00 AM
2	Pre Bid meeting for prospective tenderers for clarification of queries, if any.	Date – 24 May 2023 Time – 11:00 AM Venue – Indian Bank, Zonal Office, Delhi (South), 2nd Floor, 17 Parliament Street, New Delhi-1



3	Last date and Time for submission of Tender including Technical and Financial Bids and EMD ("Tender Due Date").	Date – 07 June 2023 Time – 03:30 PM
5.	Date and Time for opening of the Technical Bid.	Date – 07 June 2023 Time – 04:00 PM Venue: Indian Bank, Zonal Office, Delhi (South), 2 nd Floor, 17 Parliament Street, New Delhi-1
6.	Date and Time for opening of Financial Bids.	Date and time for opening of Financial Bids shall be advised separately to qualified tenderer after evaluation of Technical Bids. Venue: Indian Bank, Zonal Office, Delhi (South), 2 nd Floor, 17 Parliament Street, New Delhi-1

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 here in below and submit their Tenders as per programme detailed in this document.

6. ELIGIBILITY CRITERIA

Tenders may be submitted by an individual, proprietorship firm, partnership 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 organizations.

6.7 The Tenderer should have valid and currently subsisting permissions, licenses, authorizations 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"), Tax Deduction Account Number ("TAN") and GST number issued by the relevant tax department of the Government of India.

6.9 The tenderer should have a registered office in **Delhi/ NCR**. Copy of registration/ shop & establishment certificate is to be enclosed with Technical Bid.

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. 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 authorization from the Tenderer. The content of the Technical Bid submitted by a Tenderer must be same as the format set out here in 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 there in a person to submit and sign the Tender;

7.4.4 An affidavit confirming there in 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 asset 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)** favoring **Indian Bank** and payable at New Delhi.
- 7.4.8 Audited balance sheet for last 3 (three) financial years and solvency certificate from its bankers.
- 7.4.9 Copy of registration/ shop & establishment certificate for having office/ workshop in **Delhi/ NCR**.
- 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:-
- Zonal Manager
Indian Bank, Zonal Office – Delhi (South),
2nd Floor, 17 Parliament Street, Indian Bank Building
New Delhi - 110001
- 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 layout 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, 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 post card size colored 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) as set 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 inter-se Tendering amongst the Tenderers involved in tie.

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

The Tender shall remain valid for a period of 45 (forty five) 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 Tenderer 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 Safety and Energy Audit including submission of report within **60 days** 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 herein after 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 Safety & Energy Audit work post submission of reports in prescribed format to ZO Dlehi (South) & respective branches/ offices.

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 2(two) days 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 what so ever 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 there by 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, in accurate or inappropriate at anytime 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 anytime 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 time lines 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 written consent, disclose the Contractor any provision there of or any specification, plan, drawing, pattern or information furnished by or on behalf of the Bank in connection there with, 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 any 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 Delhi.



Technical Bid

Annexure-A

Self-Attested
Photograph
of the
Signatory

The Zonal Manager
Indian Bank,
Zonal Office Delhi (South)
New Delhi- 110001

Sub: Engagement of Agency for Electrical Safety & Energy Audit of Bank's branches / Office Building at Delhi South 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 45 (forty five) 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)

Place :

Date :



**Technical/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 been closed)	
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 document.	
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	
10.	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 Eligibility Criteria	
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	
14.	Proof of having office in Delhi/ NCR	

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

List of enclosures-

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



Annexure-B

**Financial
Bid**

The Zonal Manager
Indian Bank,
Zonal Office Delhi (South)
New Delhi- 110001

**Engagement of Agency for
Electrical Safety & Energy Audit of Bank's branches / Office Buildings at Delhi (South)
Zone**

With reference to your Tender Document dated -----, I/we, having examined all relevant documents and understood their contents, hereby submit our Financial Bid for preparation of Tender for Electrical Safety & Energy audit of Bank's branches/offices at different places / locations.

1. Our professional fee for the services performed in terms of the Scope of Work listed in the Tender document will be Rs. _____ (Rupees _____) for Bank's per Branches including attached ATM / Office irrespective of location and distance of branches (list of branches/office enclosed).
2. The taxes as applicable including GST will be extra.
3. All the out of pocket expenses will be borne by me /us and I / we will not charge any amount from Bank other than above quoted fee.
4. We agree to receive the fee in the stages as detailed in the Tender document.
5. Capitalized terms used herein but not defined will have the meanings assigned to such terms in the Tender document.

Place-

(Signature, Name and Designation of the Authorised signatory)

Date-



LIST OF BRANCHES /OFFICE

SI No.	CBS CODE	IBGA	BRANCH NAEM
1	6454	M743	MOOLCHAND HOSPITAL
2	6742	M554	DELHI MAHIPALPUR
3	4622	R546	RAJOKHRI
4	6145	G631	GREEN PARK EXTENSION , NEW DELHI
5	6882	Y502	YAMUNA VIHAR, NEW DELHI
6	1908	M205	MALVIYA NAGAR
7	298	S002	SAFDARJUNG ENCLAVE
8	943	M089	MEHRAULI INSTITUTIONAL
9	4591	T611	TUGHLAKABAD
10	2763	Y010	YAMUNA VIHAR
11	2338	S216	SONIAVIHAR
12	2638	V127	VIVEK VIHAR
13	1677	A128	ANAND VIHAR
14	1727	J033	JASOLA
15	696	N044	NEHRU PLACE
16	6357	L543	LAXMINAGAR, DELHI
17	1678	S157	SHAH DRA
18	2531	S248	SULTANPUR
19	6697	S537	SAKET BRANCH, DELHI
20	7160	B517	NEW DELHI BADARPUR
21	7083	K568	KANGANHERI
22	7262	P555	PINDWALA KHURD
23	1225	S097	SAKET
24	330	D008	DEFENCE COLONY
25	4393	B828	BINDAPUR
26	4592	O504	OKHLA INDUSTRIAL ESTATE
27	2375	K248	KAPASHEDA
28	2377	L019	LAJPAT NAGAR
29	4707	A626	ANANDLOK COLONY
30	2197	M255	MAHAVIR ENCLAVE
31	2023	J040	JANGPURA EXTENSION
32	7184	P528	PALAM, NEW DELHI
33	1907	C128	C R PARK
34	1104	H019	HAUZ KHAS
35	3270	M355	MCB NEHRU PLACE
36	5083	C604	CHITRANJAN PARK
37	1618	P156	PREET VIHAR
38	2239	N136	NAVEEN SHAHDARA
39	1891	H038	HARDEVPURI
40	380	G016	GREATER KAILASH



41	4363	L512	LAJPATNAGAR
42	361	S032	SOUTH EXTENSION
43	7015	K696	KHARKHARI ROHAND
44	6685	D643	DILSHAD GARDEN
45	6518	B505	BANARASIDAS CHANDIWALA EYE INSTITUTE, KALKAJI
46	6341	N584	AMAR COLONY, NEW DELHI
47	4289	S757	SOUTH EXTENSION
48	6880	N540	NARAINA, NEW DELHI
49	4835	A509	ADCHINI
50	2250	N137	NAZAFGARH
51	2457	D076	DWARKA SECTOR10
52	329	S017	SHANTINIKETAN
53	4396	D606	DHANSA
54	4397	N591	NEWADA
55	5102	G567	GHUMAN HERA
56	1014	M102	MAYUR VIHAR
57	6004	A628	ANAND VIHAR BRANCH, DELHI
58	1607	D046	DWARKA
59	1622	J029	JAMIA MILIA ISLAMIA
60	6274	D698	DWARKA - SECTOR 6
61	6233	K528	KAKROLA
62	6344	P618	PATPARGANJ, I.P.EXTENSION, DELHI
63	6460	N585	NEW FRIENDS COLONY, NEW DELHI
64	6470	A667	ASN SENIOR SECONDARY SCHOOL
65	6488	S759	NAJAFGARH
66	6520	D699	DWARKA - SECTOR 12
67	2029	G082	GGs INDERPRASTHA DWARKA
68	6546	G505	GADAIPUR
69	6549	K661	KHERA
70	6565	M663	MATIALA
71	6733	D562	DELHI CANTT
72	7162	G547	NEW DELHI GEETA COLONY
73	7161	B755	NEW DELHI BHAJANPURA
74	7403	S632	NEW DELHI SHAHADRA
75	3410	D103	DIGITAL BANKING UNIT KALKAJI
76	-	-	CURRENCY CHEST, GREATER KAILASH



ANNEXURE -I**FORMAT FOR ELETRICITY SAFTY AUDIT REPORT FOR PREMISES HAVING ONE FLOOR & OFFICE**

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

ELECTRICALSAFETY:

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 EQUIPMENT,ETC	YES/NO	
5.	WHETHER EARTHING PITS ARE PROVIDED AND CONNECTED TO EQUIPMENT AND THE BODY OF EQUIPMENT	YES/NO	
6.	WHETHER EARTHING PITS ARE MAINTAINED PROPERLY	YES/NO	
7.	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 DB/ PANELS /UPS /BATTERIES ETC.	YES/NO	
8.	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 LOAD REQUIRED (IF ANY)	YES/NO	
9.	WHETHER LOAD IS DISTRIBUTED IN ALL THREE PHASES TO AVOID ANY UNBALANCING OF PHASE LOAD AND NO LOOSE ELECTRICAL CONNECTIONS/ HAPHAZRAD WIRINGS OBSERVED IN THE BUILDING/ OFFICE PREMISES.	YES/NO	
10.	WHETHER ISOLATING SWITCHES ARE PROVIDED FOR SWITCHING OFF OF THE NON ESSENTIAL LOADS IN PREMISES DURING NIGHT AND MAIN SWITCH TO SWITCH OFF THE POWER SUPPLY TO THE BUILDING/ FLOOR INCASE OF FIRE/ EMERGENCY.	YES/NO	



11.	WHETHER PROPER PREVENTIVE MAINTENANCE AFTER OPENING OF THE ELECTRICAL BOARDS AND DISTRIBUTION BOARDS ARE CARRIED OUT BY THE LICENSE HOLDER ELECTRICIAN OR SKILLED TECHNICIANS OF EQUIPMENT MANUFACTURER / SERVICE PROVIDERS.	YES/NO	
12	WHETHER APPROPRIATE TIMERS USED IN THE CHANGE OVER 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 SERVER ROOM SHOULD BE SET TO SAY 26 C, SO THAT IT WILL RUN ONLY WHEN THE TEMPERATURE IS TOO HIGH (TO MINIMIZE CHANCES OF FIRE DUE TO IDLE RUNNING OF THE ACs DURING NIGHT)	YES/NO	
13	WHETHER PREVENTIVE MAINTENANCE OF THE ELECTRIC INSTALLTION AND EQUIPMENT IS CARRIED OUTBY SKILLED LICENSE HOLDER ELECTRICIANS/ SKILLED TECHNICIANS	YES/NO	
14	GENERAL CONDITION OF ELECTRICAL CONTROL PANELS, MAIN SWITCH, ELECTRIC METER BOARD, CHANGE OVER SWITCH, AC, WATER COOLERS, WATER FILTERS, WIRING CABLES ETC ARE IN GOOD CONDITIONS AND DBs, PANELS, SWITCH BOARDS ARE PROPERLY COVERED	YES/NO	
15	WHETHER ELECTRICAL EQUIPMENTS OF PANTRY ETC ARE PROPERLY CONNECTED TO INDUSTRIAL SOCKET BOX WITH MCBs. MCBs OR LATEST TYPE SWITCHES ARE PROVIDED TO SWITCH ON /OFF THE ACs TO PROTECT THEM FROM OVERLOAD.	YES/NO	
16	WHETHER THE CONTACT NUMBER OF PERSONS, ELETRICIANS, POWER DISTRIBUTION COMPANY, GENERTOR SERVICE PROVIDER, UPS VENDORS, ACs ETC ARE AVAILABLE WITH SECURITY GAURDS AND OTHER STAFF ARE DISPLAYED IN ELCTRIC / UPS/ SERVER ROOM.	YES/NO	
17	WHETHER POWER FACTOR CORRECTION PANEL OF APPROPRIATE RATING IS INSTALLED.	YES/NO	
18	WHETHER ALL THE CONNECTING POINT AT VARIOUS DBs AND PANELS ARE PROPERLY INSULATED AND PROPER INDICATIVE MARKING ARE DONE ARE THE RESPECTIVE PANEL/ DB	YES/NO	
19.	WHETHER THE INTERNAL INSULATION OF THE WIRE HAVE BEEN ACCOUNTED FOR CHECKING THE DURABILITY OF ELECTRICAL CONNECTION	YES/NO	



FIRE PREVENTIVE MEASURES:

S.NO.	DESCRIPTION	DETAILS	REMARKS (IF ANY)
1.	ALL OLD DISPOSABLE RECORDS, BROKEN FURNITURE ETC ACCUMULATED IN THE PREMISES HAVE BEEN CLEARED.	YES/NO	
2.	COMBUSTIBLE LEAF LITTER /WASTE PAPERS ETC IN AND AROUND THE BRANCH ARE REMOVED /CLEANED PERIODICALLY	YES/NO	
3.	NO STATIONARY / RECORDS/ OLD OBSOLETE ITEMS ARE STORED/KEPT IN THE SERVER/UPS /ELECTRIC ROOM	YES/NO	
4.	STORAGE RACKS IN STATIONARY / RECORD ROOM KEPT AT A SAFE DISTANCE OF AT LEAST 2 M FROM ELECTRICAL POINTS/SWITCH /JUNCTION BOXES	YES/NO	
5.	WHETHER IN THE PANTRY/CANTEEN,LPG IS USED	YES/NO	

6.	ARE THE FIRE EXTINGUISHERS AVAILABLE IN THE FOLLOWING WORK AREA AND CLEARLY MARKED AND ACCESSIBLE: 1.SERVER/UPS ROOM: CO2 TYPE X2 2. INDIVIDUAL DEPARTMENT OF THE PREMISES: CO2 TYPE X1 3.STATIONARY ROOM: CO2 TYPE X 1 4.ELECTRIC ROOM /AC PLANT ROOM: CO2 TYPE X 2 5.DG SET /GENERATOR: 6kg ABC CAPACITY X2	YES/NO	
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SERVER AND UPS ROOM:

S.NO.	DESCRIPTION	DETAILS	REMARKS (IF ANY)
1.	WHETHER SERVER ROOM HAVE DUAL AC UNITS WITH TIMER CIRCUIT DEVICE ON INDEPENDENT CIRCUITS	YES/NO	
2.	WHETHER EXHAUST FANS ARE INSTALLED IN UPS ROOM	YES/NO	
3.	WHETHER PROPER INSULATION AT THE BATTERIES HAVE BEEN PROVIDED	YES/NO	

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 OF
AUDITOR

DATE:
PLACE:



ANNEXURE-2

**FORMAT FOR ELECTRICAL SAFETY AUDIT
FOR PREMISES HAVING MULTIPLE FLOORS /
OFFICES**

1. Assessment of luminaries/ light fittings

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

2.Floor wise assessment of Air conditioning system

Type of Air Conditioning units	No of Air Conditioners	Capacity of Air Conditioner (TR)	Total electrical load consumption	Condition of air conditioning system	Remarks(Condition of machine Acceptable or Not	Suggestions on improvement, if any

3.Floor wise assessment of UPS

No. of UPS	Capacity (KVA)	P-P Voltage Of each UPS			P-N Voltage each UPS			Phase Currents			Total electrical load consumption	Neutral Earthing & its adequacy	Protective earthing & its adequacy	Remarks (Condition Of machine acceptable orNot	Suggestions on improvement, if any
		R	Y	B	R	Y	B	R	Y	B					
											KW	A			

4.Floor wise assessment of electric circuit

Sl.No	Heads	Result	Remarks (acceptable or Not)	Suggestions on improvement, if any
1	Presence of Main switch interlocking of two different supplies are coming to Distribution panel			
2	Availability of correct identification of circuit details and protective devices			
3	Presence of non standard (mixed) cable colour 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 non electrical services			



ANNEXURE-2

**FORMAT FOR ELECTRICAL SAFETY AUDIT
FOR PREMISES HAVING MULTIPLE FLOORS /
OFFICES**

1. Assessment of luminaries/ light fittings

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

2.Floor wise assessment of Air conditioning system

Type of Air Conditioning units	No of Air Conditioners	Capacity of Air Conditioner (TR)	Total electrical load consumption	Condition of air conditioning system	Remarks(Condition of machine Acceptable or Not	Suggestions on improvement, if any

3.Floor wise assessment of UPS

No. of UPS	Capacity (KVA)	P-P Voltage Of each UPS			P-N Voltage each UPS			Phase Currents			Total electrical load consumption	Neutral Earthing & its adequacy	Protective earthing & its adequacy	Remarks (Condition Of machine acceptable or Not	Suggestions on improvement, if any
		R	Y	B	R	Y	B	R	Y	B					

4.Floor wise assessment of electric circuit

Sl.No	Heads	Result	Remarks (acceptable or Not)	Suggestions on improvement, if any
1	Presence of Main switch interlocking of two different supplies are coming to Distribution panel			
2	Availability of correct identification of circuit details and protective devices			
3	Presence of non standard (mixed) cable colour 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 non electrical services			



11	Whether proper termination of cables at enclosures			
12	Connections soundly under no Undue strain	Insulation of conductor visible outside enclosure		
		Connections of live conductors adequately enclosed		
		Adequately point of entry (glands, Bushes etc.,)		
		Condition of accessories including Socket outlets, switches & joint boxes		
13	Other special observations, if any record the results of particular 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	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 non standard (mixed) cable colour 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 non electrical services			
11	Adequacy of protective earthing conductor			
12	Adequacy of Neutral earthing conductor			
13	Whether proper termination of cables at enclosures			
14	Connections soundly made and under no Undue strain	Insulation of conductor visible outside enclosure		
		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		



15	Details switch gear panels	No of Panels			
		Rating of panels			
		Measurement of P-P & P-N Voltage of Panels			
		Measurement of P-P & P-N Current of Panels			
		Condition of Panels			
		Any other observations			
16	Whether method of Cables laid inside the Electrical room is acceptable				
17	Total Electrical Load of the Floor	Air conditioning load			
		Light & power load			
18	Whether electrical load balancing is acceptable (give details of phase wise load)				
19	Other special observations ,if any record the results of particular inspections applied separately				

6. Assessment of Transformer

No. of Trans- formers	Capacity of each Transformer 1. Rating 2. make 3. type	P-P Voltage of each Transfo rmers			P-N Voltage each Transfo rmers			Phase Current s			Total electric al load consum ption	Neutral Earthing & its adequacy	Prot ective earth ing & its adeq uacy	Condition of insulation	Whether transform ers loaded/u nder loaded and extant thereof in %	Remark s (Condi tion of machine accepta ble or Not	Sugge st-ions on improv ement, if any
		R	Y	B	R	Y	B	R	Y	B	KW	A					

7. Assessment of Elevator

No	Capacity Of each elevator s 1. Rating 2. make 3. type	P-P Voltage			P-N Voltage			Phase Currents			Total electrical load consumpti on	Parameters of the motors					Neutral Earthing & its adequacy	Prote ctive earth ing & its adeq uacy	Condi tion of insula tions	Remark s (Condi tion of machin e accepta ble or Not	Sugge stions on improv ement, if any
		R	Y	B	R	Y	B	R	Y	B	KW	A	No	Capa c-ity (KW)	Volt -age	Curr ent	Condi tion of motors				



8. Assessment of Pump

N o f P u m p	Capacit y of. each pump 1. Rating 2. make 3. type	P-P Voltage			P-N Voltage			Phase Current s			Total electrical load consum ption		Parameters of the pump motors					Neutral Earthing & its adequa cy	Protect ive earthi n g&its adequ acy	Condit ion of insulat ions	Rema rks (Condi tion of machi ne accep table or Not	Sugg estios on improv ement , if any
		No	Ca pa city (K W)	Volt age	Curr ent	Conditio n of motors	KW	A														
		R	Y	B	R	Y	B	R	Y	B												

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

Sl. 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	Type			
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 adequacy			
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 Diesel Generator Set	Capacity of each Diesel Generator Set 1. Rating 2. make 3. type	P-P Voltage Of each Diesel Generator Set			P-N Voltage of each Diesel Generator Set			Phase Currents			Total electrical load consumption		Neutral Earthing & its adequacy	Protective earthing & its adequacy	Condition of insulations	Whether Diesel Generator Set over loaded/under loaded and extant thereof in%	Remarks (Condition of machine acceptable or Not)	Suggestions on improvement, if any
		R	Y	B	R	Y	B	R	Y	B	KW	A						

SIGNATURE WITH SEAL

(CONSULTANT/CONTRACTOR)

(OFFICER OF BRANCH/OFFICE)

NAME OF THE ELECTRICAL ENGINEER/CONSULTANT/CONTRACTOR:

SUPERVISOR'S VALID LICENSE 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	
CONNECTEDLOAD	
MONTHLY ELECTRICITY BILL (APPX)	
TOTAL TONNAGE OF AIR CONDITIONER LOAD	
AREA OF THE BRANCH	

ELECTRICAL ENERGY AUDIT:

S.No.	DESCRIPTION	Wattage	Recommendation
1.	Type of Electrical Fittings installed and its Lux level and Wattage		
2.	No of Ceiling Fan installed 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 each		
5.	No of computer installed and its power consumption.		
6.	UPS installed and its capacity		
7.	Any other gadgets installed 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/we understand that if any of the particulars is found incorrect, even at a later stage, my/our contract will be cancelled.

Date:

Signature and Seal of Auditor

Place:

(Signature, Name and Designation of the authorized Signatory)



Annexure-4

