

Request for proposal for Electrical safety audit of Assam Cancer Care Foundation's 7 hospitals

1. Important Dates & Details:

Reference No:	ACCF/ELE/2023-24/64
Date of issue	15.6.23
Pre-Bid Meeting	19.6.2023 at 14:30 Hrs at ACCF Office/ MS Teams ID will be published in ACCF Website www.assamcancercarefoundation.org
Last date and time of Proposal submission (Online)	30.06.2023 till 1500 Hrs
Date & Time for opening of proposal	After 1 hrs from last date and time of bid submission.
Address for Communication	ASSAM CANCER CARE FOUNDATION 3rd floor, V.K. Trade Centre, G.S. Road, Opp. Down Town Hospital, Guwahati – 781022, Assam Ph: +91-9998515371, E: procurement@accf.in W: www.assamcancercarefoundation.org To upload tender visit https://assamtenders.gov.in/

2. Details of the Hospitals:

S.no	Hospital Location	BUA area (sqft)	Footprint area (sqft)	sanctioned Load	connected Load	Maximum recorded Load	Address
1	Dibrugarh	2,42,395 (G+6)	44,742	1431 KW	3379 KW	1408 KVA	Assam Medical College and Hospital, extended medical ward, Town Mouza, East Revenue Circle, Dibrugarh
2	Barpeta	2,38,541 (G+6)	44,742	1224 KW	3084 KW	1268 KVA	Fakhruddin Ali Ahmed Medical College and Hospital, Jotigaon, Metuakuchi, Barpeta
3	Tezpur	89,772 (G+3)	29,523	723 KW	1652 KW	770 KVA	Dag No -718, Geruapathar, Bihaguri, Tezpur
4	Jorhat	89,772 (G+3)	29,523	723 KW	1652 KW	770 KVA	Jorhat Medical College and Hospital, East Revenue Circle, Jorhat
5	Lakhimpur	89,772 (G+3)	29,523	723 KW	1652 KW	770 KVA	Saukham, subdivision- North Lakhimpur, District – Lakhimpur
6	Kokrajhar	89,772 (G+3)	29,523	723 KW	1652 KW	770 KVA	Dag No – 7/106, Rangali Khata, Kokrajhar
7	Darrang	89,772 (G+3)	29,523	723 KW	1652 KW	770 KVA	Near Mangaldoi Civil Hospital. Town- Mangaldoi

3. Scope of the work:

3.1. Review of Electrical protection system.

- 3.2. Review of connected load, sanctioned load/contract demand.
- 3.3. Review of the complete electrical distribution system.
- 3.4. Verification of statutory compliance with respect to Indian Electricity Rules 1956/CEA 2010 Regulations/Acts.
- 3.5. Review of quality of electrical safety and protective systems like Main switches, MCCBs, MCBs, ELCBs/RCBs, Isolators etc.
- 3.6. Physical inspection to identify electrical hazards (shock, electrical protection system, fire, explosion, controls, installation, maintenance, LOTO etc.) and to suggest electrical safety solutions.
- 3.7. Review of static electricity hazards in the Electrical System/Installation operations as per IS 7689.
- 3.8. Review of Electrical System/Installation lightning protection system (need, adequacy, installation, and maintenance) as per IS 62305.
- 3.9. Review of electrical accidents and near-misses in the Electrical System/Installation to identify the root causes.
- 3.10. Review of electrical systems & procedures (work permits, interlocks, lockout tags, etc.).
- 3.11. To provide limit of Hazardous area zoning for flammable chemical storage.
- 3.12. Review of the importance given to electrical safety in the company and recommendations for the guideline preparation, safety committee, continuous electrical risk identification, etc
- 3.13. **Following standards followed shall also be checked.**
 - I. Indian Electricity Act 2003 (Amended in 2007).
 - II. Central Electricity Authority (CEA) 2010 Regulations.
 - III. NFPA 70E Validation.
 - IV. IS 732 – Code of Practice of Electrical Wiring Installations.
 - V. IS 3043:2018 – Code of Practice for Earthing.
 - VI. IS 5216 – Guide for Safety Procedures and Practices in Electrical Work.
 - VII. IS 10118 – Code of Practice for the installation, selection, and maintenance of switchgear and control gear.
 - VIII. IEEE: 519 & IEEE: 1159: Reference standards for Power quality and harmonics.
 - IX. NBC 2016: National Building Code 2016.
 - X. IS 7689: Code of Practice against Static Charges.
 - XI. IS 1646: Code of practice for fire safety of buildings (general): Electrical Installations.
 - XII. State Building Codes and Good Engineering Practices.

4. Documents to be submitted

- 4.1. Bidder shall upload the similar past work done details along with order copies.
- 4.2. GSTIN certificate
- 4.3. Turnover certificate

5. Other terms

- 5.1. All the works as specified in scope of work must be finished in 30 days, from the date of issue of work order.
- 5.2. ACCF will be at liberty to reject all or any bid without assigning any reason. Bid may also be rejected if bidder's credentials does not found suitable for the work or bidder cannot establish his past similar work experience.
- 5.3. After completing the physical and document audit firm need to submit the details audit report with the findings, observation and compliance/non compliance data.
- 5.4. The selection of vendor(s) shall be based on the total lowest offer (of all sites together) to the Client. ACCF reserves the right to call for L1 rate matching from L2/L3/L4...bidders. ACCF also reserves the right to award

to selected bidder(s) for any other site on mutual consent on the contracted price at any stage i.e. if any selected bidder fails to perform.

- 5.5. ACCF reserves the right to split the work among more than one vendor by awarding the Contract on a Site basis, as it may deem necessary based on the least cost financial Bid (site wise).
- 5.6. Payment Term: Payment will be released post submission of the report. Vendor shall submit bill in duplicate copy along with the report. Post acceptance of the report by the concerned authority payment will be released within 45 days.
- 5.7. Bidder shall submit the rates for each site separately. Vendor selection will be done based on the least cost received for particular site.

6. Financial Bid format

Reference No: ACCF/ELE/2023-24/64

S.no	Hospital Location	Basic rate	GST %	Total Value
1	Dibrugarh			
2	Barpeta			
3	Tezpur			
4	Jorhat			
5	Lakhimpur			
6	Kokrajhar			
7	Darrang			

Note: Bidder shall calculate all the expenses (Transportation, Accommodation etc) that can be incurred to complete the services as per the scope of work no additional payment will be made.