



GOVT OF ASSAM
OFFICE OF THE PRINCIPAL-CUM-CHIEF SUPERINTENDENT
NAGAON MEDICAL COLLEGE & HOSPITAL

Mohkhuli Chariali, Diphalu, Nagaon, Assam 782003

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No NMCH/2024-25/38/12600

Dated : 28/11/2024

REQUEST FOR PROPOSAL

Sealed proposal affixing in non-refundable court fee stamp of Rs. 8.25 is hereby invited from eligible Firms/Contractors authorized for carrying out "Power Audit of MCH building of Nagaon Medical College Hospital, Mohkhuli" as per following specifications, terms and conditions-

A) Description of location:

1. MCH building of Nagaon Medical College Hospital, Mohkhuli

B) Scope of work:

1. Power audit of electrical work at the hospital
2. Testing of major electrical equipment installed in the hospital

C) Audit report to be submitted covering the following details:

1. Inventory of electrical installations and utilities
2. Electrical distribution topology
3. Transformer and load studies
4. Power quality measurement
5. Energy usage management
6. Study/Findings on Earthing system
7. Study/Findings on Fire safety
8. Study/Findings as per relevant standards (power quality standard, NHM electrical guidelines)
9. Analysis and Major Recommendations & Conclusion

D) The following documents are to be duly enclosed with the Bid:

1. PAN & GST registration
2. Experience certificate with similar nature of works taken up during the last 5 (five) years.
3. The Firm/ Contractor concerned required to submit authorization/ permission license / certificate of Govt. for carrying out Power Audit
4. Firm registration certificate from concerned authority

E) Terms and conditions:

1. The interested Firm/Contractor is requested to submit proposal from 29.11.24 at 10:00AMto 29.12.24 at 5:00 PM.....in the office of the undersigned.
2. The rate proposed should include all statutory taxes as per current Govt. rules in the state.
3. The rate should be proposed both in figures and words separately
4. The undersigned reserves the right to accept or reject any bid without assigning any reason.
5. The undersigned is bound to accept the lowest or any other rates.
6. The decision of the undersigned will be final in all cases
7. The bids will be opened on 20.12.24 at 12:00 Noon

F) Special terms and conditions at Annexure-I (enclosed)

Principal cum Chief Superintendent

Nagaon Medical College & Hospital

Principal-cum-Chief Superintendent
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Annexure-I

Special Terms and Conditions

Coverage of Sites:

SI No:1 Location:MCH Building of Nagaon Medical College Hospital, Mohkhuli

Cost Proposal:

SI No	Activity	Mandays per site	Rate (Rs.)	Amount (Rs.)
1	Onsite Audit			
2	Offsite (Data Analysis & Report)			
3	Travel and Halting charges			

Total Abstract cost:

SI No	Location	Amount (Rs.)
1	MCH Building of Nagaon Medical College Hospital, Mohkhuli	
	Grand total (Rs.)	

**Rate proposed is final in all respect and no any additional cost will be entertained pertaining the work.

A) Special Terms and Conditions-

Interested Firm/Contractor may contact the undersigned for any of the following details in office hours.

1. Details of electrical installation (service connection, panel board, wiring, power-lines, Air Conditioner Machine, Air Curtains, Diesel Generator, earthing etc.)


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2. Machine and equipment installed(Servo Voltage Stabilizer, UPS, Radiant warmer, Oxy-Meter, pulse meter, Phototherapy Machine etc.)

B) Purpose of the Activity

1. To identify the gaps in various electrical system (including distribution transformer and supply, cable, diesel generator, earthing, power back-up system & any other electrical system etc.) in accordance with standards.
2. To identify the gaps, if any, in power supply/electrical design and consumption.
3. Establish recommendations for best practice in operation and maintenance of electrical system.
4. Establish recommendations towards continuous, breakdown free electricity for equipment.
5. Provide training on best practices and safety requirements to the electricians/O&M personnel.

C) Approach & Methodology

A team consisting of experienced Power Quality and Safety Auditor will be deployed for conducting the audit.

Instrument deployed for onsite measurement will include

1. 3-phase/Single phase Power Logger cum Analyzer
2. Earth Tester
3. Cable Insulation Tester
4. Clamp Meter for current measurements
5. Temperature IR Gun
6. Thermal Imaging Camera for checking temperature at cable terminations, panels etc.

D) Scope of work:

Onsite Activities-

1. Assess quality of power supply and alternate back up arrangements.
2. Review present electrical distribution system and suggest improvements.
3. Inspect electrical installation at the proposed site.
4. Inspect cable and cable terminations.
5. Inspect distribution transformers.
6. Inspect earthing installation and earth resistance measurement.
7. Review fire safety related to electrical equipment.
8. Any other items related to electrical system.
9. Recommendation for adherence to the standard guidelines.


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