



**OFFICE OF THE MISSION DIRECTOR
NATIONAL HEALTH MISSION**

Saikia Commercial Complex, Srinagar Path, Christian Basti, Guwahati-05

No. NHM/C-CW/Elec/Power Audit SMCH/3307/16/7

Dated: 15/11/2016

SHORT QUOTATION NOTICE

Sealed quotations affixing non refundable court fee stamp of Rs. 8.25 is hereby invited from the intending firm /contractor authorized for carrying out **Power Auditing of SNCU of MCH Building established in Silchar Medical College and Civil Hospital in Cachar District** as per following specification and terms and conditions. The quotation required to submit on 19th November'2016 before 2p.m in the O/O the Mission Director, NHM, Assam, Saikia Commercial Complex, Christian Basti, Guwahati-5.

A) Description of the location of the Hospitals :

1. SNCU of MCH Building at Silchar Medical College and Hospital, Cachar (60 Bedded)

B) Scope of Work:

1. Electrification works of SNCU
2. Machine and equipment installed in SNCU

C) Audit Report have to be submitted covering the following details:

1. Inventory of Electrical Installation and Utilities
2. Electrical Distribution topology
3. Transformers & Load Studies
4. Power Quality Measurements
5. Energy Usage Measurements
6. Study/ Findings on Earth System
7. Study/ Findings on Fire Safety
8. Study/ Findings as per relevant guidelines (eg. Power quality stds.,NRHM electrical guideline)
9. Analysis & Recommendations & Conclusion.

D) The following documents are to be duly enclosed with the quotation.

1. PAN No. and VAT No. with copy.
2. Experience certificate of similar nature works taken up during last 5(five) years.
3. The rate quoted shall include all statutory taxes as per current Govt. rules in the state.
4. The person/Firm concern required to submit authorization/Permission License/Certificate of Government for carrying out power audit.
5. The rate should be quoted both in figure and words separately.
6. Firm Registration Certificate from the concern authority.
7. Service Tax Registration.

E) Terms & Conditions -

1. The interested firm / contractor is requested to submit quotation on 19th November'2016 before 2:00 p.m. in the office undersigned.
2. The undersigned reserved the right to accept or reject any or whole of the quotation without assigning any reason.
3. The undersigned does not bind himself to accept the lowest or any other rates.
4. The decision of the Mission Director, NHM will be final in all cases.
5. The interested bidder may contact Construction Cell, NHM, Assam for Special Terms and Conditions.
6. The quotations will be opened the same date at 3:30pm.

F) Special Terms as per Annexure-I(Refer website www.nrhmassam.in).

Sd/-
Mission Director
National Health Mission, Assam

Annexure-I

Special Terms and Conditions

A) The following proforma is required to submit for each site separately with justification.

Coverage of Sites:

SI No. Location

Cost Proposal :

SI No	Activity	Mandays per site	Rate(Rs)	Amount(Rs)
1	Onsite Audit Mandays			
2	Training			
3	Offsite (Data Analysis & Report)			
4	Travel & Halting Charges			

Total Abstract Cost:

SI No.	Location	Amount(Rs)
1		
2		
3		
4		
5		
Grand Total(Rs)		

**** Rates quoted is final in all aspect and no any additional cost will be entertained pertaining to the work.**

B)Special Terms & Conditions –

Interested Bidder may contact the Construction Cell, Office of the Mission Director for any details in office hours.

1. Details Electrical Installation consist of service connection, panel board, wiring, power line, AC machine, Air Curtainer, DG connection & earthing etc.

2. Machines and equipment are Servo voltage stabilizer, UPS, Radiant warmer, Oxy-merter, Pulse meter, Phototherapy machine etc.

3. The successful firm/bidder, on receipt of Letter of Acceptance, has to furnish 5% performance security on the contract amount in favour of State Health Society, Assam, payable at Guwahati in the form of TDR valid for 1 year issued through Nationalized Bank.

C)Purpose of the Activity

- To identify the gaps in various electrical system(including distribution transformer and network, cables & terminations, earthings, backup system & any other electrical system etc accordance with standard.
- To identify the gaps, if any, in power supply/ electrical system design and construction.
- Establish recommendations for Best Practices in operation and maintenance of electrical system.
- Establish recommendations towards continous, breakdown free electricity for equipments.
- Provide training on Best Practices audit recommendations and Safety requirements to the electricians/ O&M personnel.

D)Approach and Methodology

A team consisting of experienced Power Quality & safety Auditor will be deployed for conducting the audit and training of personnel.

Instruments deployed for onsite measurements will include 3 Phase/ Single Phase Power Analysers, Earth Tester, Merger for insulation resistance measurements, clamp-on meter for low resistance measurements etc.

E) Scope of work

Onsite Activities

- Assess quality of power supply and alternate back-up arrangements.

- Review present electrical distribution system and suggest improvements.
- Inspect electrical installations at the six proposed sites.
- Inspect cable and cable terminations.
- Inspect distribution of transformers.
- Inspect earthing installation and earth resistance measurement.
- Fire safety related to electrical equipment.
- Any other items related to electrical system.
- Recommendations for adherence to the standard guidelines.
- Undertake centralized training of key NRHM officials/ technicians to ensure adherence to electrical guidelines.

Sd/-
Mission Director
National Health Mission, Assam