



सत्यमेव जयते

महाराष्ट्र ऊर्जा विकास अभिकरण (महाऊर्जा)
महाराष्ट्र शासनाची संस्था

Maharashtra Energy Development Agency (MEDA)

A Government of Maharashtra Institute



स्वातंत्र्याचा अमृत महोत्सव



ECN/2021-22/CR-07/ 16

Date: 3rd January 2023

To

The Energy Auditors (MEDA empanelled)
Class "A"

Sub: Regarding submission of quotation for conducting Detailed Energy Audit of the Govt. Hospitals under BEE's scheme.

Sir,

Under BEE scheme of implementing Energy Efficiency activities in Government Hospitals, MEDA has identified following 11 Nos. Government Hospitals for implementation of energy conservation measures such as replacement of existing conventional luminaries, street lights (within campus), fans, pumps and air conditioners with energy efficient BEE 5 star-rated LED lights, LED street lights, BLDC fans, Energy Efficient pumps and 5 star rated air conditioners respectively.

Sr. No.	District	Name of Hospital	Address
MEDA Pune Division			
01.	Pune	Aundh Government Hospital, Pune	Pune University road, Ward No. 8, Aundh, Pune.
02.	Pune	Dr. Naidu Hospital	Sangamwadi, Pune
03.	Pune	Kamala Nehru Hospital	Mangalwar Peth, Kasba Road, Pune
04.	Pune	Rajiv Gandhi Hospital	Yerwada, Pune
MEDA Amaravati Division			
05.	Amravati	District Women Hospital (Dafrin)	Shrikrishna Peth, Amravati
06.	Amravati	Sub district Hospital	Morshi, Dist. Amravati
07.	Amravati	District General Hospital	Mother Teresa Rd, Khaparde Bagicha, Maltekdi, Amravati
08.	Buldhana	District Hospital Buldhana	Milind Nagar, Buldana
MEDA Nagpur Division			
09.	Chandrapur	Rural Hospital Brahmapuri	Sharda Colony, Brahmapuri
10.	Chandrapur	SubDistrict Hospital Mul	Mul. Dist. Chandrapur
11.	Bhandara	District General Hospital Bhandara	Santaji Nagar, Bhandara

Accordingly, detailed energy audit is required to be conducted in above Govt. Hospitals. Based on energy audit report of these hospitals, project implementation work will be taken up by MEDA separately.

Therefore, considering the importance and urgency of the work, you are requested to submit the sealed quotation for the same latest by 9th January, 2023 up to 03.00 pm as per enclosed format as the mentioned scope of work. Kindly note that MEDA reserve the right to accept any or reject all the quotations without giving reason thereof.

Instructions for submission of quotation:

1. Quotation should be submitted including all applicable taxes and expenditure.
2. Quotation should be submitted to MEDA on or before 9th January, 2023 up to 03.00 pm. After due date & time no quotation will be entertained.
3. Quotation should be submitted in **sealed** envelope as per enclosed format along with photo copies of work order / work completion report in Government building / Government Hospitals, information on no. of manpower and energy auditors in the firm.
4. Work name should be written on right top corner of envelop.

General Instructions:

1. Work should be completed strictly under the supervision of respective MEDA Divisional office.
2. Work should be carried out & completed within 15 working days from the date of issue of Work Order.
3. MEDA will not be responsible for any loss occurred during audit work.
4. For any disputes arising in this regard, decision of the Hon. Director General, MEDA will be final.
5. Co-ordination during the survey with local authorities is responsibility of Energy Auditor

Opening of sealed offers & finalization of firm/Agency:

Quotations will be opened in front of MEDA's authorities. Agency will be finalized based on following criteria;

- i) No. of manpower and energy auditors in the firm.
- ii) Previous work experience in conducting detailed energy audit of government building/government hospitals.
- iii) Time taken by the firm to complete the previous MEDA's assigned work and detailed energy audit report

Yours faithfully


General Manager (EC)

Encl: As per above.

MAHARASHTRA ENERGY DEVELOPMENT AGENCY

Format for submission of quotation for conducting Detailed Energy Audit Work in Government Hospitals

Sr. No.	Particular	Scope of Work	No. of Man days	Rate per mandays in Rs. (Lumsum)	Total Cost in Rs.
1	Survey and Visit	Identification and collection of data for common electrical load (metered load) in the Govt. Hospital. Electrical loads such as type of lighting fixtures, fans, pumps, air conditioners, street lights within the premises of Govt. Hospitals.			
2	Develop an audit checklist	Auditor should develop an energy audit checklist to assist in identifying the significant energy users at the site and their respective operating parameters			
3	Data Collection	<ol style="list-style-type: none"> 1. Conduct detailed energy audit for all existing electrical loads with segregation of Metered electrical loads. 2. To demonstrate improvements in energy performance, energy consumption baseline should be developed along with Energy Conservation Plan. 3. Suggest/recommend for energy efficient measures to be implemented in the Govt. Hospital for metered load only along with estimated energy saving potential due to implementation of proposed energy efficient measures and proposed estimated cost of each equipment/appliances as per as per Market Rate and prevailing PWD CSR. 4. Please note that no solar power project/solar power pack/solar water heaters to be proposed under this scheme. 5. Identify the potential for electric cooking system or solar cooking system to replace the conventional fuel used for cooking systems in the canteens of hospitals. 			

4	Illumination (Indoor /outdoor Lighting)	Separate Study of street lighting, type of fixtures, lamps, Lux level, efficacy of lamps, fixtures etc. & to look for possibility for reducing energy usage, study of present system, load segregation, estimate of scope of saving, identify the most likely areas of attention. Identify immediate improvements/ savings. Also recommend the new lightings for the dark & necessary places.			
5	Recommendations for Any other Energy Conservation Measures	Auditor should suggest/recommend for any other Energy Conservation Measures to be adopted if any in the Govt. Hospital along with estimated energy saving potential.			
6	Other Expenses	Travelling, lodging/boarding & other expenses considering bus fare.			
7	Deliverables	<p>1. Preparation of draft report of Energy Audit which should include Introduction, Executive summary w.r.t metered electrical loads & proposed energy conservation measures for metered electrical loads, Energy usage & enlist the current energy conservation practices in the Govt. Hospital, Significant energy users, Recommendations and also Graphical interpretation of Energy Use.</p> <p>2. Auditor should submit soft copy of draft report of Energy Audit to MEDA.</p> <p>3. After discussion and confirmation from MEDA, submission of 2 sets of final Energy Audit Reports in hard and softcopy (e-mail to eee@mahaurja.com).</p>			
Estimated Cost in Rs. Per Govt. Hospital					
Cost in Rs. For 11 Govt. Hospitals					
GST					
Total Cost (including GST)					