



महाराष्ट्र ऊर्जा विकास अभिकरण (महाऊर्जा)
महाराष्ट्र शासनाची संस्था
Maharashtra Energy Development Agency (MEDA)
A Government of Maharashtra Institute



ECN/2024-25/CR-86/17

Date: 17th January 2025

To.

The Energy Auditors (MEDA empanelled Class "A")

Sub: Regarding submission of quotation for conducting Detailed Energy Audit of Govt. Buildings of The State Reserve Police Force Group 1, Pune Campus (As per details mentioned below).

Sir,

For implementing Energy Efficiency activities in Govt. Building, MEDA has identified Govt. Building of **The State Reserve Police Force Group 1, Pune Campus (As per details mentioned below)** for implementation of energy conservation measures such as replacement of existing conventional luminaries, street lights (within campus), fans and air conditioners with energy efficient LED lights, LED street lights, BEE 5 star-rated BLDC fans & BEE 5 Star - rated Air Conditioning Unit etc.

Accordingly the Detailed Energy Audit is required to be conducted in following Govt. Buildings

अ.क्र.	शासकीय इमारतीची नावे
१.	मा. पोलिस महानिरीक्षक (आय.पी.एस.) यांचे निवासस्थान
२.	मा. समादेशक (आय.पी.एस.) यांचे निवासस्थान
३.	पोलीस अंमलदार व वर्ग ड कर्मचारी निवासस्थान, नानावटीनगर व वृंदावन पोलीस वसाहत येथील एकूण शासकीय निवासस्थान ९५३
४.	जिजाऊ मंगल कार्यालय व विठ्ठल मंदिर
५.	कृष्णा लॉन
६.	एटीसी मैदान, कवायत मैदान, क्रिकेट मैदान, स्टेडियम, बास्केट बॉल मैदान

Accordingly, detailed energy audit are required to be conducted in above Govt. Buildings Based on energy audit report of these Govt. Buildings, project implementation work will be taken up by MIDA separately.

Therefore, considering the importance and urgency of the work, you are requested to submit the sealed quotation for the same as per enclosed format as the mentioned scope of work. The Director General, MEDA, Pune 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. Quotation should be submitted to MEDA on or before 21st January 2025 up to 5.00 p.m. After due date & time no quotation will be entertained.
2. Quotation should be submitted in sealed envelope as per enclosed format along with photo copies of work order / work completion report in Government Buildings, information on numbers of manpower and energy auditors in the firm.
3. Work name should be written on right top corner of envelop.
4. Quotation address to – General Manager (Energy Conservation).

General Instructions:

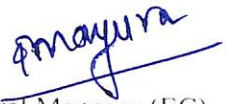
1. Work should be carried out & completed within **20** days from the date of issue of Work Order.
2. MEDA will not be responsible for any loss occurred during audit work.
3. For any disputes arising in this regard, decision of the Hon. Director General, MEDA will be final.
4. Co-ordination during the survey with local authorities is responsibility of Energy Auditor.
5. For any additional Govt. Building supplementary work order will be issued to L1 rate.

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.
- 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 Govt. Buildings

Sr. No.	Particular	Scope of Work	No. of Man days	Rate per man days (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. Buildings. Electrical loads such as type of lighting fixtures, fans, pumps, air conditioners, street lights within the premises of Govt. Buildings			
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. Buildings 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 prevailing PWD CSR and Market Rate. 4. Identify the potential for solar cooking system, electric cooking system in Buildings. 5. Submit the Documents from Govt. Official as per MEDA format , instructions etc. 			
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. Buildings along with estimated energy saving potential.			
6	Other Expenses	Travelling, lodging/boarding & other expenses considering bus fare.			
7	Deliverables	<ol style="list-style-type: none"> 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. Buildings, Significant energy users, Recommendations and also Graphical interpretation of Energy Use. 2. Auditor should submit soft copy of draft report of Energy Audit to MEDA. 3. Submission of 2 sets of final Energy Audit Reports in hard copy. 4. Proposed energy conservation measures -- Submit the Sign Document of Govt. Building Official. 5. After discussion and confirmation from MEDA, submission of Detail Energy Audit Reports report in hard and softcopy (e-mail to cee@mahaurja.com). 			
Total Cost of Building of State Reserve Police Force Group 1, Ramtekdi, Pune as mentioned in Quotation letter (including GST)					