



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



ECN/2024-25/CR-91/34

Date: 6<sup>th</sup> February, 2025

To,

Class-A Empanelled Energy Auditor/MEDA Website/Notice Board

**Sub.: Quotation calling for carrying out Energy and Resource mapping of cluster at Ahmednagar Auto & Engineering Cluster under "Energy Efficiency in Micro, Small and Medium Enterprises (MSME)" Programme under BEE Scheme.**

Dear Sir,

Maharashtra Energy Development Agency (MEDA), Pune is Govt. of Maharashtra (GoM) Institution working as a "State Designated Agency" for implementation of Energy Conservation Act, 2001 & various Energy Conservation schemes in the State. MEDA invites sealed quotations from MEDA empanelled Class -'A' Energy Auditing firms with minimum 1 (One) BEE Accredited Energy auditor for work as mentioned in the scope of work. MEDA will award the work of carrying out the Preliminary audit and Detailed Energy Audit at following Small and Medium Enterprises (SME) for implementation of Energy Efficiency Programme under BEE Scheme to successful Auditing firm on low cost basis.

1. Ahmednagar Auto & Engineering Cluster (Ahmednagar Auto Cluster), G-47/5, MIDC, Ahmednagar, Maharashtra - 414111.

**A. Scope of Work:**

Sr. No.	Particular	Scope of Work
1.	<b>Preliminary Survey</b>	To conduct whole survey of cluster and at least 146 units of cluster should be inspected for collection of baseline energy data.
2.	<b>Detailed Energy Audit</b>	To conduct detailed energy audits in the inspected units which are having maximum energy saving potential from each mentioned MSME cluster. At least <b>five (05) numbers of units of High Energy Saving Potential of the each Cluster should be audited.</b> The audit shall include but not limited to- <ul style="list-style-type: none"><li>➤ Analysis of energy consumption scenario (covering all types of fuel - solid, liquid and gaseous) &amp; electricity consumption from various sources.</li><li>➤ Technological assessment of<ul style="list-style-type: none"><li>❖ Existing Processes</li><li>❖ Energy efficiency improvement potential</li><li>❖ Energy efficient technologies, best operating practices</li><li>❖ Readiness of the cluster for adoption of identified technologies</li></ul></li></ul>
	<b>Benchmark Study for Subjective sector</b>	➤ The Consultant/Agency shall analyse the Specific Energy Consumption (SEC) and Energy Efficiency (EE) performance of

औंध रोड स्पायसर कॉलेज समोर, पशुसंवर्धन आयुक्तालया शेजारी, औंध, पुणे - ४११ ००७. दूरध्वनी : ०२० - ३५०० ०४५०

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		<p>the sector vis-à-vis the recommended Key Performance Indicators (KPI), and evaluate the extent of EE improvement that is possible in the sector.</p> <ul style="list-style-type: none"> <li>➤ Based on this evaluation the agency shall recommend / develop EE Benchmarks for the sector.</li> <li>➤ The specific energy consumption, so derived, shall be compared with sectoral KPIs readily available across various knowledge platforms.</li> <li>➤ The agency should map all past and available sectoral institutional arrangements. Further, conduct technological assessment studies examining the scope for, <ul style="list-style-type: none"> <li>❖ Energy efficiency improvement</li> <li>❖ EE technology adoption</li> <li>❖ Saving potential estimates</li> </ul> </li> </ul>
3.	<b>Recommendations for any other Energy Conservation Measures</b>	Auditor must suggest/recommend for any other Energy Conservation Measures to be adopted if any in each clusters along with estimated energy saving potential.
4.	<b>Other Expenses</b>	Travelling, Lodging / Boarding & other expenses
5.	<b>Deliverables</b>	<ul style="list-style-type: none"> <li>➤ Work plan and resource mapping.</li> <li>➤ Details of the activities and timelines.</li> <li>➤ Questionnaire to be presented in the clusters.</li> <li>➤ Detailed energy audit reports (5x1), comprising energy mapping with key attribute.</li> <li>➤ Sectoral Consolidated Energy Audit Report (1 copy of each sector).</li> <li>➤ Cluster profile of each cluster covering all the aspects.</li> <li>➤ The list of units those are active at a cluster/sector level with their Contact details.</li> <li>➤ Comparison Study of existing energy consumption and SEC of clusters covered under this project with standard KPIs.</li> <li>➤ Policy Recommendation, Roadmap and Detailed Work plan</li> <li>➤ Closure Report.</li> </ul>

#### **B. Instructions for submitting quotation:**

1. Quotation should be submitted including all taxes and all applicable expenditure. No any extra taxes/ payment will be done by MEDA.
2. Quotation should be submitted to MEDA on or before dated **11<sup>th</sup> February, 2025 up to 5.00 pm.** After due date & time no quotation will be considered.
3. Quotation should be submitted in self address **sealed** envelope & written name of work on right top corner of envelop.
4. As per mandatory requirement, submit details of at least 1 No. of BEE Certified Energy Auditor with your firm.

#### **C. General Instructions:**

1. Work should be completed strictly under the supervision of MEDA Head Office/ respective MEDA Divisional office.
2. Work should be carried out & completed within 30 days from the date of issue of the work order.
3. MEDA will not be responsible for any loss occurred during execution of work.

## MAHARASHTRA ENERGY DEVELOPMENT AGENCY

4. For any disputes arising in this regard, decision of Director General, MEDA will be final.
5. Co-ordination during the survey with local authorities is responsibility of Energy Auditor.
6. If work is not completed within the specified period, then MEDA reserve the right to cancel the work order at any time and reserve to initiates necessary action against your firm for not completing the work within time.
7. Extension for completion of work may be granted during only unavoidable circumstances by producing sufficient reasons thereof.

### D. Opening of sealed offers & finalization of Agency.

1. Quotations will be opened in front of MEDA' authorities & agency will be finalized on low cost basis. Shortlisted Agency will be intimated in due time for carrying out the work.

### E. Terms of Payments

1. Payment will be made to agency after completion of work i.e. after submission of all deliverables only. Agency will submit the invoice within week to MEDA as per quotation. MEDA will scrutinize & accordingly payment will be made.
2. TDS whichever is applicable will be deducted by MEDA.
3. No interest will be payable on the payment by MEDA
4. No any payment will be paid by MEDA for incomplete & unsatisfactory work.
5. Penalty will be charged for delayed clause 0.5 % per week on total cost of work.
6. MEDA at its discretion reserves the rights to allot the work to single L1 bidder or multiple bidders who matched the rate with L1 bidders.
7. All kind of Rights has been reserved at The Director General, MEDA. If any dispute occurs, then final decision of The Director General, MEDA will be binding to everyone.

Thanking you.

Yours Faithfully,



General Manager (Energy Conservation)

Encl. - Format of Quotation

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## FORMAT FOR QUOTATION

**NAME OF THE WORK: - Works for carrying out Energy and Resource mapping of cluster at Ahmednagar Auto & Engineering Cluster under "Energy Efficiency in Micro, Small and Medium Enterprises (MSME)" under BEE Scheme.**

Quotation for Energy and Resource of cluster at Ahmednagar Auto & Engineering Cluster under "Energy Efficiency in Micro, Small and Medium Enterprises (MSME)" Programme under BEE Scheme.					
Sr. No.	Particular	Scope of Work	No. Of Man days	Rate per man days Rs. (Lumsum)	Total Cost in Rs.
1.	<b>Survey and Visit</b>	Identification and collection of data of mentioned sector of MSME cluster			
2.	<b>Develop an audit checklist</b>	Auditor must develop an energy audit checklist to assist in identifying the significant energy users on the site and their respective operating parameters.			
3.	<b>Data collection</b>	<ul style="list-style-type: none"> <li>• Work plan and resource mapping.</li> <li>• Details of the activities and timelines.</li> <li>• Questionnaire to be presented in the clusters.</li> <li>• Cluster profile of each cluster covering all the aspects.</li> <li>• The list of units those are active at a cluster/sector level with their contact details.</li> <li>• Comparison Study of existing energy consumption and SEC of clusters covered under this project with standard KPIs.</li> <li>• Policy Recommendation, Roadmap and Detailed Work plan</li> <li>• Energy intensive units will be selected based on product portfolio, manufacturing process, energy consumption pattern across the cluster, so that all types on units will get covered.</li> <li>• Analyse the energy consumption scenario (covering all types of fuel, solid, liquid and gaseous) and electricity consumption from various sources. Examine the technologies in use.</li> <li>• To identify the energy efficient technologies, best operating practices and common monitorable parameters for MSME clusters in</li> </ul>			

		the said cluster and demonstrate one/two technology/measure having highest energy saving and replication potential.			
4.	<b>Recommendations for any other Energy Conservation Measures</b>	Auditor must suggest/recommend for any other Energy Conservation Measures to be adopted if any in the Pump along with estimated energy saving potential. (SCADA System etc.)			
5.	<b>Other Expenses</b>	Travelling, Lodging / Boarding & other expenses			
6.	<b>Deliverables</b>	1. Detailed energy audit reports of each unit for each sector (5 energy audit report for each sector) shall be duly signed by BEE AEA. 2. Closure Report shall be duly signed by BEE AEA.			
		<b>Estimated Cost (in Rs.)</b>			
		<b>GST (in Rs.)</b>			
		<b>Total Cost (including GST)</b>			

**Seal & Signature**