



Government of Kerala

ENVIRONMENT MANAGEMENT AGENCY KERALA

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Notice Inviting Expression of Interest (EOI)

No: 1/2009 (EMAK/271/2009)

**Sub: Screening of Industrial PSU's in Kerala for
Carbon Emission Reduction and CDM benefits**

Environment Management Agency Kerala intends to institute a study on the scope of energy efficiency, carbon emission reduction and resultant Clean Development Mechanism (CDM) potential in the public sector industrial units (PSU's) in Kerala. There are about 37 PSU's with energy intensive activities in the state which can be included in the study.

Expressions of interest (EOI) are invited from the competent agencies in private/ public sectors for undertaking such study. The study will include the following steps and deliverables.

1. A reconnaissance will be taken up of the public sector industrial enterprises in Kerala for an assessment of the energy/ carbon intensity in the industrial processes installed therein. This will give an idea of the scope of bringing down carbon emissions and improving energy efficiency. Based on this reconnaissance report (Report-I), the units will be short listed for detailed studies.
2. Short listed units will be studied on relevant criteria for assessment of potential energy efficiency and carbon emission reduction based on *inter alia*, the processes, energy sources and technological aspects. This result will be Report II of the study. The study would be expected to lead to selection of a few (2-5) units in which interventions on these aspects are likely to benefit their working as well as earning of carbon credits under CDM or similar carbon trading mechanisms.
3. For the selected units, an assessment of technological options, investments required, energy saving and carbon emission reductions achievable will be made and economic analysis will be provided for the same. This will be the final/III report of the study. This will facilitate the selected PSU's to take considered decisions on bringing in energy/ carbon efficiency and availing CDM benefits for the same.

This study may also enable the assessing agency to approach the concerned units for networking for investments in this field and working for preparation of Project Design Documents (PDD) for CDM and dealing for country endorsement from Designated National Authority (DNA) for registration under the CDM executive Board.

The study will be completed within a period of six months. EMAK will provide a letter of introduction to the study team to facilitate interaction between the management of the PSU under study and the study team. The approved cost would be disbursed in installments of 40%, 40% and 20% on submission and approval of the I, II, & III reports respectively. The EOIs may include a summary technical proposal and a separate financial proposal for undertaking this study. The technical proposal prepared should contain the proof of competency in designing and developing CDM projects by the Agency detailing the technical and financial capability.

The technical and financial proposal shall be submitted as hard copy in English language duly signed by the authorized nominee of the organization. The technical & financial proposal shall be put in separate sealed covers super scribing "(1)- CDM- TECHNICAL PROPOSAL" and "(2)- CDM- FINANCIAL PROPOSAL" respectively. The above two covers shall then be put in another single sealed cover super scribing the number and subject mentioned in this notice and shall be submitted **on or before 3PM on 17th November 2009** at the following address

**The Director,
Environment Management Agency Kerala,
Social Forestry Office Complex, PTP Nagar,
Vattiyoorkavu P.O.,
Thiruvananthapuram-695013**

Any EOI's received after the deadline for submission will not be considered. The EOI's received within the deadline of submission will be opened at 11 AM on 18th November 2009. If the above day happens to be a holiday, then the EOI's will be opened on the next working day. The selection of the consultant will be based on short listing of technically qualified applicants followed by evaluation of their financial proposal. The decision of the Director, EMAK in the selection of the successful applicant will be final and binding. EMAK will not reimburse any cost for the EOI or any expenses in relation to the submission of the EOI.

Further details, if any, required, can be had from the Environmental Engineer, Environment Management Agency, Thiruvananthapuram: Contact numbers: 0471 2363764 (Office); E-mail: ajit.kseb@gmail.com

Thiruvananthapuram
24-09-2009



Director, EMAK

List of PSU's in Kerala for undertaking the study

1. Foam Mattings(India) Ltd, Alappuzha
2. Kerala Automobiles Ltd, Neyyattinkara, Thiruvananthapuram
3. Kerala Ceramics Ltd, Kundara, Kollam

4. Kerala Clays & Ceramic Products Ltd, Pappinisseri, Kannur
5. Kerala Electrical and Allied Engineering Co. Ltd., Kochi
6. Kerala Feeds Ltd., Kallettumkara, Thrissur
7. Kerala Minerals & Metals Ltd., Chavara, Kollam
8. Kerala State Bamboo Corporation Ltd., Angamaly South
9. Kerala State Cashew Development Corporation Ltd., Kollam
10. Kerala State Drugs and Pharmaceuticals Ltd., Kalavoor, Alappuzha
11. Kerala State Road Transport Corporation Ltd., Thiruvananthapuram
12. Malabar Cements Ltd., Walayar, Palakkad
13. Meat Products of India Ltd., Koothattukulam, Ernakulam
14. The Metal Industries Ltd., Shoranur, Palakkad
15. Oil Palm India Ltd., Kottayam
16. The Pharmaceutical Corporation(IM) Ltd.,(Oushadhi),Thrissur
17. Plantation Corporation of Kerala Ltd., Kottayam
18. Rehabilitation Plantation Ltd., Punalur
19. Sitaram Textiles Ltd., Poonkunnam, Thrissur
20. State Farming Corporation of Kerala Ltd., Vettithitta, Punalur
21. Steel Complex Ltd., Feroke, Kozhikode
22. Steel and Industrial Forgings Ltd., Athani, Thrissur
23. Traco Cable Company Ltd., Kochi
24. Transformers and Electricals Kerala Ltd., Angamaly South, Ernakulam
25. Travancore Cements Ltd., Nattakom, Kottayam
26. Travancore-Cochin Chemicals Ltd., Udyogamandal, Kochi
27. Travancore Titanium Products Ltd., Kochuveli, Thiruvananthapuram
28. Aleppey, Co-operative Spinning Mills (Ltd),Kareelakulangara,Kayamkulam
29. Cannanore Co-operative Spinning Mills Ltd., Chovva, Kannur
30. Kerala Co-operative Milk Marketing Federation Ltd.,Thiruvananthapuram
31. Kerala Kerakarshaka Sahakarana Federation Ltd.(KERAFED),
Thiruvananthapuram
32. Kerala State Cashew Workers' Apex Industrial Co-operative Society Ltd.,
(CAPEX), Kollam
33. Malabar Co-operative Textiles Ltd., Karthala Chungam, Kuttippuram via.,
Malappuram
34. Malappuram Co-operative Spinning Mills Ltd., Down Hill Post, Malappuram
35. Priyadarshini Co-operative Spinning Mills Ltd., Meenadom , Kottayam
36. Quilon Co-operative Spinning Mills Ltd.,Karamcode, Kollam
37. Trichur Co-operative Spinning Mills Ltd., Vazhani, Thrissur