

## **Expression of Interest & Proposals for Projects/ Studies on Improvisation & Management of Air Quality in Delhi NCR under EPC funds**

### **1. Background**

The Hon'ble Supreme Court in the matter of O.A.13029 of 1985, M.C. Mehta Vs UOI, vide its order dated August 12, 2016 has directed all dealers / manufacturers to deposit 1% levy of ex showroom price for every diesel vehicles with engine capacity 2000cc & above sold in Delhi and NCR as Environment Protection Charge (EPC) in the account of CPCB. In compliance to the directions of the Hon'ble Court, CPCB has been maintaining EPC funds, which is to be utilized for the improvement & management of air quality in Delhi-NCR region, as per the concept note on submitted by CPCB to the Hon'ble Supreme Court.

The project and activities identified to be funded under EPC funds in Delhi-NCR are broadly classified under following thrust areas:

- i. Capacity building with regard to infrastructure enhancement
- ii. Mass awareness on air pollution
- iii. R & D Activities w.r.t air quality management & vehicular pollution control
- iv. Health impact studies vis-a vis air pollution in Delhi-NCR
- v. Specific Projects to control pollution in Delhi – NCR & Punjab

### **2. Seeking Expression of Interest (EOI) & proposals for projects/studies on improvement & management of the air quality in the Delhi-NCR region**

Central Pollution Control Board hereby invites EOI for the projects/studies for the improvement & management of the air quality in Delhi-NCR. The EOI proposals should focus mainly on the identified thrust areas\*\*:

- i. Capacity building with regard to infrastructure enhancement
  - Strengthening of existing ambient air quality & noise monitoring network including monitoring of special parameters along with upgrading laboratory infrastructure ( for State Pollution Control Boards & Pollution Control Committees).
  - Advanced monitoring system such as use of satellite imageries, sensor based instrumentation, etc
- ii. Mass awareness on air pollution
  - Mass Awareness activities including LED display at various locations in Delhi-NCR, organizing talk shows on air pollution awareness, maintaining mass awareness columns in national newspapers & magazines, etc
- iii. R & D Activities w.r.t air quality management & vehicular pollution control :
  - Approach for development of Air Quality Management plans.
  - Development & application of Air Quality Models.

- Minimization of emissions from in-use vehicles including retrofitment with advanced technologies
  - Up gradation of I&M system and PUC testing
  - Alternate cleaner fuels.
  - Assessment of real world vehicle emissions.
  - Development of source emission profiles and emission factors.
  - Cleaner technologies for industrial operations & pollution control
- iv. Health impact studies vis-a vis air pollution in Delhi-NCR
- Health impact assessment based on epidemiological studies, exposure assessment studies.
- v. Specific Projects to control pollution in Delhi – NCR & Punjab
- Air Quality management plan w.r.t Delhi-NCR region
  - Studies on stubble burning in NCR & Punjab and impacts analysis
  - Management plan for averting severe episodic events.
  - Development of traffic management plans.
  - Development of city specific driving cycle.
  - Location specific/hotspot air quality management plans.

**3. Format for submitting EoI:**

The EOI should include following main points:

- Project justification/ Need for study
- Objectives
- Methodology
- Project deliverables & expected outcomes.
- Duration & activity chart
- Cost including break-up for all the components
- Experience/Expertise in the related field.
- Resume of the Principal Project investigator.

\*\* The topic identified under the thrust areas are indicative, other proposals aiming to achieve goals of air quality improvement are also welcomed.

The proposals may be submitted to “The Member Secretary, Central Pollution Control Board, ‘Parivesh Bhawan’, CBD-cum-Office Complex, East Arjun Nagar, Delhi- 110032”, e-mail: [adaba.cpcb@nic.in](mailto:adaba.cpcb@nic.in). The proposals will be evaluated by the Technical Appraisal Committee for recommendation, which will meet once in a quarter.

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