

CENTRAL POLLUTION CONTROL BOARD

DELHI

NOTICE INVITING EXPRESSION OF INTEREST (EoI) FOR DEVELOPMENT OF NATIONAL GUIDELINES ON ODOUR MONITORING & MANAGEMENT IN URBAN MUNICIPAL SOLID WASTE (MSW) LANDFILLS

1. OBJECTIVES:

- I. Monitoring of Odorous compounds generated from the identified MSW landfills.
- II. Management of Odorous Pollution and the Remedial Action Plan
- III. Development of National Guidelines on Odour Monitoring for urban MSW landfills.
- IV. Action plan for installation of Continuous monitoring system to develop reliable odour database.

2. METHODOLOGY

- I. Develop criteria for selecting MSW landfill site. These criteria should be general enough to be applied at all Indian States and specific enough to account for local differences.
- II. Basic background information of the MSW site like site maps (topographical, geological etc.), type of wastes (fresh & stored wastes), frequency of generation/ dumping of the waste at the site, previous and current land use pattern of the site.
- III. Characterization (physical / chemical) of the odorous Compounds in the ambient air at a landfill site.
- IV. Criteria for locating monitoring sites based on wind rose data.
- V. Estimation of Odour concentration at receptors using appropriate dispersion modeling and develop odour maps
- VI. Identification of techno- feasible remediation options for identified site
- VII. Provide training facilities for staff of the funding agency during project execution.

3. ELIGIBILITY CRITERIA:

The expert agencies including Academic Institutions, Autonomous Bodies and other reputed organizations should fulfil the following criteria:

- i. Adequate knowledge, experience of work in a similar field in India or abroad.

- ii. Adequate manpower in the field of Environmental Science and Engineering, Environmental Management and related field.
- iii. Average annual earnings, in terms of net consultancy fees, during the last 3 financial years of not less than **Rs.75 Lakhs (Rupees Seventy five Lakh)**(Cumulative) .

4. SUBMISSION OF EOI:

For Developing National Guidelines on Odour Monitoring & Management in urban MSW Landfills, Central Pollution Control Board executing a project under planned Budget.

1. The study is a single assignment for a period of Eighteen Months. Consultancy firms are required to submit Expression of Interest (Eoi) for the above assignment, which will be evaluated and shortlisted.
2. The CPCB now invites competent national/international consultants (Academic Institutions. Autonomous Bodies and other reputed organizations) to indicate their interest in providing quality services (preferably certified) in Odour Control & Management. Interested consultants to provide following information
 - (a) Type of organization and date of establishment with photocopies of supporting documents.
 - (b) Areas of strength /specialization relevant to methodology and objective pertaining to Development of National Guidelines on Odour Monitoring & Management in urban MSW Landfills. .
 - (c) Copies of attested statement of income earned from similar consultancy services for the last financial years.
 - (d) Previous relevant experience.
 - (e) Details of key staff to be entrusted for the assignment, together with their curriculum vitae.
 - (f) Undertaking of the work, objective, short approach and comments.
3. Expression of Interest must reach this office **by 20th January, 2015 before 17.00hrs** (in case it falls on holiday, then the next working day shall be applicable as the last date of submission). The document must be clearly superscripted as 'Expression of Interest' for appraisal of "**National Guidelines on Odour Monitoring & Management in Urban Municipal Solid Waste (MSW) Landfills** " in sealed covers and addressed to the Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 110032 in hard copy and a CD.

4. Late submissions or submissions that do not conform to the above requirements will not be considered.
5. Based on the response received, suitable consultants will be short-listed and the TOR document will be sent for submission of Technical and Financial Proposal.
6. For further queries please contact Incharge Urban Pollution Control Division , Central Pollution Control Board , Parivesh Bhawan , East Arjun Nagar , Delhi - 110032 , Contact no. 011-22305570