

**CENTRAL POLLUTION CONTROL BOARD**  
**Parivesh Bhawan, East Arjun Nagar,**  
**Delhi- 110032.**

File No. B-13011/10/UPCD-RS

Date: 16.07.2010

**Sub: Project on Development of Guidelines for Environmental Management of Railway sidings Handling Industrial materials, for execution through Engagement of an outside Expert Agency**

The Central Pollution Control Board, Delhi has taken up a project on "Development of Guidelines for Environmental Management of Railway sidings handling industrial materials" for its execution through engagement of the services of an outside Expert Agency. The background, objective of the work, time schedule and scope of the project are given below.

Expert Agencies/Organisations may send their Expression of Interest (EOI) to **The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi-110032**, E-mail <[jskamyoetra.cpcb@nic.in](mailto:jskamyoetra.cpcb@nic.in)> with copy to Additional Director and Incharge, Urban Pollution Control Division, Email <[rsmahwar.cpcb@nic.in](mailto:rsmahwar.cpcb@nic.in)>, on or before July 30, 2010.

### **1.0 Background**

The Central Pollution Control Board (CPCB) over the decades is in the process of developing industry specific pollution control standards to protect the recipient environment. Development of such standards essentially depends on the understanding of actual/ realistic data/ information for the concerned industries, which are located/ operating in different parts of the country.

A siding, in rail terminology, is a low-speed track section distinct from a through route such as a main line or branch line. It may connect to through track or to other sidings at either end. The distinction between sidings and other types of track is that a "siding" generally denotes an auxiliary or not exactly specified usage. Sidings often have lighter rails, meant for lower speed or less heavy traffic, and few, if any, signals. Sidings may be used for marshalling, stabling, storing, loading and unloading.

There are frequent complaints regarding pollution due to loading and unloading industrial materials at railway sidings. In general the environmental problems arise due to improper storage, collection, transportation and disposal of waste generated, noise pollution, air pollution (dust particles, fugitive emission), untimely operation etc. The materials most involved in the railway sidings are coal, ores, cement etc. The

handling to such materials is invariably associated with fugitive emissions from the loading/ unloading operations and all associated activities such as movements of trucks, workers etc. It is therefore necessary to develop guidelines for management of pollution problems associated during loading and unloading operation at railway sidings.

## **2.0 Objective of the Work**

Development of Guidelines for Environmental Management of Railway sidings handling industrial materials.

## **3.0 Time Schedule**

One year time from the date of receipt of first instalment.

## **4.0 Scope of Work**

- i) Literature survey for the current status of environmental problems of the railway sidings and their management process.
- ii) Inventorization of railway sidings used for loading and unloading industrial materials (coal, ores, cement etc.) and their scale of operation, capacity, location and type of materials etc.
- iii) Identification of a representative number of sidings atleast 10 for indepth studies.
- iv) Monitoring and evaluation of the sidings identified under (iii) above, and
- v) Assessment of the environmental status of the sidings studied under (iv) above and identification of the emission/discharge and other sources of pollution.