



## **PUNJAB POLLUTION CONTROL BOARD**

**VATAVARAN BHAWAN, NABHA ROAD, PATIALA**

### **Expression of Interest (Eoi) for setting up of HCL Recovery Plant in Punjab**



The Punjab Pollution Control Board is encouraging setting up of Hydrochloric Acid (HCL) Recovery Plant with the objective of recovery of Spent Hydrochloric Acid in scientific and environmentally sound manner in the State of Punjab.

The Board thus invites applications for setting up of **Hydrochloric Acid Recovery Plant** in the State. The details regarding background, scope of work, eligibility criteria etc. are available at website of PPCBi.e. [www.ppcb.gov.in](http://www.ppcb.gov.in).

The interested parties meeting with the prescribed criteria shall submit their applications within 15 days from publication of this notice. For further details contact at: email: [eeroldh2@yahoo.co.in](mailto:eeroldh2@yahoo.co.in). (Mobile No: 98789-42035).

**MEMBER SECRETARY**

# **PUNJAB POLLUTION CONTROL BOARD**

**Vatavaran Bhawan, Nabha Road, Patiala**

## **Expressions of Interest (Eoi) for setting up of a Hydrochloric Acid recovery plant in the State of Punjab**

### **1.0 Background**

The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 were notified by the MoEF&CC under the provisions of the Environment (Protection) Act, 1986, with the mandate to ensure environmentally sound disposal of Hazardous Wastes. As per Rule 9 of the Hazardous and Other Wastes (Management and Transboundary movement) Rules, 2016, the utilization of hazardous & other wastes as a resource or after processing either co-processing or for any other use can be carried out on the basis of Standard Operating Procedures prescribed by Central Pollution Control Board from time to time.

CPCB has issued following Standard Operating Procedures (SoPs) for utilization of Hydrochloric Acid (HCL):

1. Utilization of Spent Hydrochloric acid (generated during manufacturing of Chlorinated Paraffin Wax) for manufacturing of Calcium Chloride. (SoP\_66)
2. Utilization of Spent Hydrochloric acid [generated during manufacturing of Trichloroethylene/ Perchloroethylene or Chlorinated Paraffin Wax (CPW)] for manufacturing of 7ADCA. (SoP\_67)
3. Utilization of Spent Hydrochloric acid (generated from glass manufacturing industry) for manufacturing of Calcium Chloride. (SoP\_69)
4. Utilization of Spent acid containing HCl (generated as waste pickling liquor from Steel Industries) for Regeneration of HCl and production of Ferric Oxide. (SoP\_71)
5. Utilization of Spent Hydrochloric Acid (generated during manufacturing of Dyes and Dyes intermediates & synthetic organic chemical sector) for production of Calcium Chloride (CaCh). (SoP\_85)
6. Utilization of Spent Hydrochloric acid (generated from synthetic organic chemical manufacturing industry) in regeneration of spent cation exchange resin of De-Mineralization plant. (SoP\_89)
7. Utilization of Spent Hydrochloric Acid generated during manufacturing of Cypermethric Acid Chloride (pesticide) & Chlorobenzene (synthetic organic chemical)] as a supplementary resource in production of Dicamba (pesticide/herbicide). (SoP\_95)

### **2.0 Proposal:**

There is a proposal to set up one Hydrochloric Acid Recovery Plant in the State of Punjab. Expression of Interest (Eoi) is, hereby, invited from the interested Institutions/

Companies/Organizations for this purpose. The applications received from the interested parties will be scrutinized and evaluated by Punjab Pollution Control Board (PPCB). The Hydrochloric Acid Recovery Plant shall be set up after obtaining Regulatory Clearances under the Environmental Laws including other concerned departments, within a period of 12 months from the date of approval.

### **3.0 Scope of Work and eligibility**

The applicant shall establish the Hydrochloric Acid Recovery Plant as per the guidelines/ SoPs issued by the Central Pollution Control Board (CPCB) for Hydrochloric Acid recovery plant and the site of plant shall conform to the location & land requirement criteria mentioned in the said guidelines as well as conformity to zoning regulations of the State & sitting criteria prescribed (if any) by the Board. The shortlisted project proponent will have to provide equipments/facilities as per the standards/specifications mentioned in the HoWM Rules, 2016 & subsequent SoPs. The project proponent should have considerable experience in the field/ related activities, should not have been blacklisted by any State Government/ State Pollution Control Board/ Central Pollution Control Board/ Pollution Control Committee or any other Central/ State Agency/ Department and should have adequate knowledge, experience and manpower in the field of Environmental Science & Engineering, Environmental Management and related fields.

### **4.0 Submission of EOI**

Interested Institutions/ Companies/ Organizations may submit EOI in a sealed envelope clearly super-scribed "Expression of Interest (EOI) for setting up of Hydrochloric Acid Recovery Plant" through registered post to **Member Secretary, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala-147001**. The prospective project proponents have to submit two hard copies and a CD, containing the following information in a maximum of 20 'A-4' size Pages (excluding curriculum vitae and attachments) and a font size of 12:

- i. Type of Institution/Company/ Organization and date of establishment with photocopies of supporting documents.
- ii. Areas of Strength / specialization relevant to the scope of work as mentioned under para 2 of this document.
- iii. Financial Strength of the Company/Promoters
- iv. Details of land available for setting up of plant along with proof, if any.
- v. Details of key staff to be entrusted for the assignment, together with their bio-data.
- vi. Details of previous 2 years experience in the field/ related activities.
- vii. A brief note on scope of work.
- viii. Any other relevant information.

The Project Proponent may also send the EOI through E-mail at [msppcb@gmail.com](mailto:msppcb@gmail.com)