

# **PUNJAB POLLUTION CONTROL BOARD**

**Vatavaran Bhawan, Nabha Road, Patiala**

## **Expressions of Interest (Eoi) for setting up of 2 Common Bio-Medical Waste Treatment and Disposal Facility (CBMWTDFs) in the State**

Expressions of Interest (Eoi) is hereby invited for setting up and operating Common Bio-Medical Waste Treatment and Disposal Facility (CBMWTDFs) for the collection, reception, storage, transport, treatment and disposal of bio-medical wastes one each in the following area of the State.

1. Area-1: Either in District Hoshiarpur or District SBS Nagar
2. Area-2: Either in District Sangrur or District Mansa or District Barnala.

### **1. Background**

The Bio-Medical Waste (Management & Handling) Rules, 1998 were notified under the provisions of Environment (Protection) Act, 1986, with the objective of ensuring proper management and handling of Bio-Medical Waste (BMW) generated in the country. The said Rules were amended in the year 2016 and were titled as Bio-Medical Waste Management Rules, 2016. With the idea of ensuring environmentally sound disposal of bio-medical wastes, the Ministry of Environment and Forests has encouraged setting up of Common Bio-Medical Waste Treatment Facilities (CBWTFs) instead of in-situ treatment facility.

As per Rule 7 of the Bio-Medical Waste Management Rules, 2016,

- Bio-medical waste shall be treated and disposed of in accordance with Schedule I, and in compliance with the standards provided in Schedule-II by the health care facilities and common bio-medical waste treatment facility.

- Every operator of common bio-medical waste treatment facility shall set up requisite biomedical waste treatment equipments like incinerator, autoclave or microwave, shredder and effluent treatment plant as a part of treatment, prior to commencement of its operation.

Ministry of Environment, Forest & Climate Change (MoEF & CC), notified amendment to the EIA Notification 2006 and published vide MoEF & CC Notification of S.O. 1142 (E) dated April 17, 2015. According to this notification, the 'bio-medical waste treatment facility' is categorized under the Item 7 (da) in the schedule, requiring 'environmental clearance' from the State Environment Impact Assessment Authority (SEIAA). Therefore, the CBWTF operator is also required to obtain 'Environmental Clearance (EC)' from the respective SEIAA or Ministry of Environment, Forest & Climate Change (MoEF& CC), as the case may be, before any construction work, or preparation of land by the projects management.

In the State of Punjab, presently there are 4 Common Bio-Medical Waste Treatment Facilities authorized for collection, transportation, treatment and disposal of bio-medical waste, located at Ludhiana, SAS Nagar, Amritsar and Pathankot. These facilities were set up before the year 2004. Further, two more CBWTFs are in process of setting up in the State at District Sri Muktsar Sahib and District Jalandhar. Presently, there are around 70000 beds in addition to diagnostic laboratories/non-bedded clinics etc. and the bed capacity is likely to increase in the near future as major projects in the healthcare sector such as AIIMS, Bathinda; PGI, Sangrur; Homi Bhaba Cancer Hospital, New Chandigarh etc. are coming in the State. As such, it is evident that the bed-capacity will increase more than 80000 beds in near future.

## **2. Scope of Work:**

It is proposed to set up 2 additional Common Bio-Medical Waste Treatment Facilities (CBWTFs) in the State, one either in District Sangrur or Mansa or Barnala and another in Distt. SBS Nagar or Distt. Hoshiarpur. Expressions of Interest (EOI) are accordingly, invited from reputed Institutions, Companies and Organizations for this purpose. The applications will be undertaken with the purpose that applicants have sufficient land available for setting of CBWTFs (min. 1 acre), has past experience of running a CBWTF & other process related to its day to day working, after thoroughly scrutinizing of applications by Punjab Pollution Control Board for sanction of these CBWTFs. The setting up of Common Bio-Medical Waste Treatment Facilities after obtaining regulatory clearances from all Departments shall be done within a period of 18 months from date of award of EOI acceptance. The shortlisted company will have to provide following equipments/facilities in order to ensure proper handling, treatment and disposal of bio-medical waste:

- a. Incinerator equipped with air pollution control system,
- b. Autoclave,
- c. Shredder,
- d. Vehicle and container washing facility
- e. Effluent treatment plant
- f. Bar-code Based Bio-medical waste collection and scanning system
- g. Collection vehicles equipped with GPS
- h. CCTV cameras on the processing area within the premises
- i. Online Continuous Emission Monitoring System over the stack of the Incinerator

- j. Any other equipment/system required in accordance with the provisions of the Bio-medical Waste Management Rules, 2016, guidelines/circulars issued by Ministry of Environment, Forest and Climate Change & Central Pollution Control Board for Common Bio-medical Waste Treatment Facilities from time to time.

### **3. Eligibility Criteria**

The Institutions, Companies and other reputed Organizations should fulfill the following criteria:

- a) Experience of work in the field of waste management.
- b) Procure adequate land (minimum 1 acre) for setting up of a CBWTF preferably in a focal point or notified industrial area within six months from the date of award of EOI acceptance.
- c) Should not have been blacklisted by any State Government/ State Pollution Control Board/ Central Pollution Control Board or Committee
- d) Adequate knowledge, experience and manpower in the fields of Environmental Science and Engineering, Environmental Management and related fields.
- e) Turnover of Rs 10.00 crores per year for the last two financial years preceding the date of issue of EOI.

### **4. Submission of EOI**

Interested Institutions, Companies and other reputed Organizations may submit EOI in a sealed envelope by speed post clearly super-scribed “Expression of Interest (EOI) for setting up of Common Bio-Medical Waste Treatment Facilities (CBWTFs)” to **Member Secretary, Punjab Pollution Control Board, Vatavaran Bhawan,**

**Nabha Road, Patiala-147001 by 15<sup>th</sup> October, 2018** in 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:-

- a) Type of organization/company/institution and date of establishment with photocopies of supporting documents.
- b) Areas of Strength / specialization relevant to the scope of work as mentioned under para 2 of this document.
- c) Financial Strength of the Company/Promoters
- d) Details of land available for setting up of CBWTFs along with proof.
- e) Details of key staff to be entrusted for the assignment, together with their bio-data.
- f) Previous relevant experience of the Promoters/Staff
- g) A brief note on understanding of the scope of work, short approach and comments.

5. A company can submit EOI for one or more CBWTFs. EOI application for each CBWTF shall be submitted separately and the location for which EOI has been submitted shall be specified prominently on the outer cover.

6. Application amount is Rs.10,000/- per proposal through Demand Draft in the name of Member Secretary, Punjab Pollution Control Board, Patiala.

7. Last date of submission of EOI application is 15th October, 2018.

8. Late submissions or submissions that do not conform to the above requirements will not be considered.

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