



HEAD OFFICE
UTTARAKHAND ENVIRONMENT PROTECTION & POLLUTION CONTROL BOARD
उत्तराखण्ड पर्यावरण संरक्षण एवं प्रदूषण नियंत्रण बोर्ड
29/20, Nemi Road, Dehradun (Uttarakhand)
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Terms of Reference for preparation of Status Report of various activities of UEPPCB

Specific Terms of Reference:

1. Assessment of Pollution from specific sources

a. Status of sewage management in Uttarakhand.

- Total sewage generation and treatment in the State to be quantified town wise.
 - Sewage treatment facility (STP), their nos., location, capacity - existing as well as proposed.
 - Gap in sewage generation and treatment.
 - Decentralised domestic waste water treatment.
 - Strategy for effective sewage treatment and disposal.
 - (Coordination with *Pey Jal Sansadhan Vikas Nigam* is desirable).
- (Earmarked ` 2.0 Lacs)**

b. Status of management of MSW in Uttarakhand

- Total quantity of Municipal Solid Waste generation in the State covering details of at least local bodies of district headquarters. (13 in nos.) Quantum of Recyclable, Reusable and Disposable waste to be given.
 - Composition of Municipal Solid Waste and their characteristics.
 - Waste collection scheme/agency (including door-to-door collection), segregation, storage, transportation, disposal and waste processing at local bodies of district headquarters.
 - Identification of disposal sites and illegal dump sites.
 - Identification of slaughter houses and quantification of solid/liquid waste and treatment facilities therein.
 - Action plan for Municipal Solid Waste Management for District headquarter local bodies.
- (Earmarked ` 2.0 Lacs)**

c. Status of management of Bio-medical Waste in Uttarakhand.

- Total Medical care facilities district wise including blood banks, veterinary hospitals, pathology laboratories etc.
 - Total Bio-medical waste generation in the State and gap in generation and treatment of waste.
 - Composition of waste and characteristics.
 - Quantum of Recyclable, Incinerable and Disposable wastes (Deep burial).
 - Existing practices for waste collection, segregation, transportation and treatment.
 - Waste processing and disposal facilities and their capacities.
 - Identification of disposal sites and illegal dump sites.
 - Action plan for Bio-medical Waste Management with special reference to setting up of new CBMWTF in PPP mode.
- (Earmarked ` 2.0 Lacs)**

d. Status of plastic waste management and inventorization of recycling units In Uttarakhand.

- Inventorization of Plastic manufacturing and recycling units.

- Status of total plastic waste generation in the State.
- Status of Plastic waste disposal and recycling.
- Identify the recycling units and illegal dump sites.
- Action Plan for Plastic Waste Management.

(Earmarked ` 2.0 Lacs)

e. Status of E-waste generation and management in Uttarakhand.

- Inventorization of e-waste generation in the State especially from Government/ Semi Government/ Corporate sectors.
- Total quantum of recyclable, reusable and disposable e-waste
- Status of E-Waste recycling
- Identify the gap for complete e-waste recycling and reprocessing.
- Possibilities of setting up of e-waste management facilities in PPP mode in the State of Uttarakhand.

(Earmarked ` 2.0 Lacs)

f. Status of the Batteries (Management and Handling) Rules in Uttarakhand.

- Inventorization of Battery generation in the State.
- Total quantum of recyclable, reusable and disposable battery Waste.
- Status of Battery Waste recycling.
- Identify the gap for complete waste recycling and reprocessing.

(Earmarked ` 2.0 Lacs)

2. Status of Industrial Pollution Control in industries of Large, Medium and SSI in Uttarakhand.

- Inventorization of Industries of Large Medium and Small scale.
- Status of Water Pollution Control facilities and their operational status.
- Status of Air pollution Control facilities and their operation facilities.
- Status of hazardous waste generation and its management.
- Status of Manufacturer, Storage and Import of Hazardous Chemical Rules,1989.

(Earmarked ` 3.0 Lacs)

3. Disseminating information of UEPPCB (at a glance) like trend of air/quality, status of pollution control in problem areas, projection of pollution in next 5-10 years in the State etc.

- Prepare report on air quality, water quality, noise monitoring by collecting data from various institutions.
- Data to be collected for last 10 years and compiled.
- Projection to be made for Environment quality for next 10 years.

(Earmarked ` 2.0 Lacs)

4. Document on strengthening of UEPPCB.

- Based on the all above status report projection of Board strengthening to be made.
- Strengthening to be proposed in terms of infrastructure, manpower and financial terms .
- Time bound action plan to be suggested for implementation of activities and strengthening of Board

(Earmarked ` 2.0 Lacs)

General Terms of Reference:

1. Duration for completion of the aforesaid assignment is **six months**.
2. The project shall require submitting one interim report before submitting the final report. Above reports should be based on filed verification and validation against which authenticated documents to be provided. Authenticated documents/references to be annexed with report.
3. At least complete survey of one district to be made as a sample survey in each sector.
4. Consulting firm shall collect, compile and collate related data from respective line departments and the report must be nourished with actual photographs, statistics elaborated discussion.
5. Each report must have maximum 50 pages with front page printing in multicoloured lamination (400 gsm), internal paper printing in two or three colours (150 gsm).
6. Final report will be supplied in 150-200 copies for each assignment.
7. Appropriate security may be demanded at the time of execution of MoU with consulting firm.
8. Member Secretary reserves the right to reject any or all bids without assigning any reason.

Consulting firms who are interested to consider for the proposed assignment should submit the following information along with financial and technical proposals:

- a. Name Address, Fax/E-mail of the organization.
- b. Financial Statement of last three years.
- c. List of major similar assignments undertaken.
- d. Copies of letter of recognition from concerning Authority.
- e. Details of permanent professional staff along with their qualification and experience.

Member Secretary