

Minutes of the 11th meeting of State Level Expert Appraisal Committee (SEAC)

[constituted vide S.O. 2601(E) dt.19.7.2019]

Venue: Office Chamber of the Secretary, SEAC & Conservator of Forests (Central Circle)

Date: (Thursday) 17th March, 2022 (3:00 PM)

List of members present: Enclosed

11.1 Opening Remarks of the Chairman

11.2 Consideration of Proposals

Agenda item No. 11.2.1: **Establishment of Solid Waste Management System at Lunglei by UD&PA.**

11.2.1.1. The salient features from the application and pre-feasibility report are as follows:

(i) The project proposal involves development and establishment of Solid Waste Management System including landfill sites for Lunglei, Mizoram.

(ii) The proposed plan includes door to door collection and then transportation of the collected waste to subsequent processing and disposal site. The system is designed to be used for fifteen years, year 2017 is taken as the base year.

(iii) The proposed site is located at Tlabung Road near Riangvai Thlanmual (22.874268, 92.730476) with an area of 24270sq.m. Details of the proposed project are as follows:

Two covered bins for each household	20l Capacity	11591x2=23182 nos.
Vehicles for transportation of Waste	3.5cum capacity of 4 nos.	60 nos.
Wheel Burrows for street sweepers		40 nos.
PPE's like gloves, boots, uniforms foe waste collector sweepers etc.		40 nos.
Street bins for each ward		208 nos.
Approach road		0.73km
15 TPD capacity Resource Management Center		1 unit
Sanitary platform		1 no.
Site office and weigh bridge		1 no.
Water tank		1 no.
Fencing		1 no.
Vermi compost plant		1 unit
Capacity building		

(iv) Investment cost of the project is Rs. 6.00 crores.

11.2.1.2 During the deliberation, SEAC noted the following:-

i) The project with landfill facilities is covered under category B1 of the item 7(i) 'Common Municipal Solid Waste Management Facilities' of the Schedule to the EIA notification, 2006 and its subsequent amendments and requires appraisal at State Level.

ii) The project proposal requires Term of Reference for preparation of EIA and EMP report.


iii) Site inspection must be done as soon as possible.

11.2.1.3. After detailed deliberations of the proposal, the Committee recommended for the following Term of Reference for the preparation of EIA-EMP report for the said project.

- 1) Project name and location (Village, District, State)
- 2) Site selection of the project- Nature of land- Agricultural(single/double crop), barren, Govt/private land, status of its acquisition, nearby (in 2-3 km.) water body, population, within 10km, other industries, forest, eco-sensitive zones.
- 3) Occupational health issues. Baseline data on the health of the population in the impact zone and measures for occupational health and safety of the personnel and manpower.
- 4) A 10 km. radius map (on survey of India toposheet) showing co-ordinates of project site, national highway, state highway, district road/approach road, river, canal, natural drainage; protected areas, under Wild Life (Protection) Act, archaeological site, natural lake, flood area, human settlements (with population), industries, high tension electric line, prominent wind direction (summer and winter), effluent drain, if any and ponds etc. should be presented and impacts assessed on the same.
- 5) Layout plan/map of project site showing storage area, green belt area (33% of the project area), all roads, prominent wind direction, processing plant & other infrastructure, etc.
- 6) Details of storm water/ leachate collection from the composted area .
- 7) Details of monitoring of water quality around the landfill site. Water analysis shall also include for nitrate and phosphate.
- 8) Details of the odour control measures.
- 9) Details of surface hydrology and water regime and impact on the drainage and nearby habitats/settlements (surroundings), water bodies/rivers/ ponds and mitigative measures during rainy season.
- 10) Status of ambient air quality and surface and ground water quality, soil type, cropping pattern, land use pattern, population, socio-economic status, anticipated air and water pollution.
- 11) Details of impact on water bodies/rivers/ ponds and mitigative measures during rainy season.
- 12) Submit the criteria for assessing waste generation. Any segregation of hazardous and bio-medical wastes.
- 13) Submit a copy of the land use certificate from the competent authority.
- 14) Details of one complete season AAQ data (except monsoon) with the dates of monitoring, impact of the project on the AAQ of the area (including H₂S, CH₄).
- 15) Submit a copy of the topography of the area indicating whether the site requires any filling, if so, the details of filling, quantity of fill material required, its source and transportation, etc.
- 16) Detail plan of Waste Management.
- 17) Details of protection from surface drainage, and action plan for measures to be taken for excessive leachate generation during monsoon period.
- 18) Details of impact on environmental sensitive areas.
- 19) Details of air emission, effluents generation, solid waste generation and their management.
- 20) Details of rehabilitation/compensation package for the project effected people, if any.

- 21) Details of various waste management units with utilities indicating size and capacity for the proposed project.
- 22) Methodology for remediating the project site, which is being used for open dumping of garbage.
- 23) Detailed Environment Monitoring Plan and Environment Management Plan with costs and parameters.
- 24) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 25) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.

Public hearing may also be conducted for the project in accordance with provisions of Environmental Impact Assessment Notification, 2006. The draft EIA/EMP report shall be submitted to the State Pollution Control Board for public hearing and the issues raised by the public shall be incorporated in the Final EIA/EMP report.

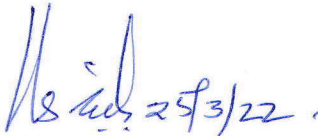

DR. TAWNENGA
Chairman, SEAC, Mizoram.

Memo No. A.16012/9/2022(VOL-II)-SEAC/16-18

Dated Aizawl the. 25th March, 2022.

Copy to :

1. Chairman and all members of SEAC for information.
2. Member Secretary, SEIAA for information.
3. Director, UD&PA for information and necessary action.


(LALRAMMAWII SAILO)
Secretary, SEAC Mizoram
& Conservator of Forests (CC)