



State Level Environment Impact Assessment Authority, Jharkhand

Nursery Complex, Near Dhurwa Bus Stand, P.O+P.S-Dhurwa, Ranchi, Jharkhand-834 004

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Letter No.- EC/ SEIAA / 2017-18/2028/2017

Ranchi, Date:

To: M/S Medicare Environmental Management Pvt/Ltd.
Director,
403,4th Floor, BPTP Park centera,
Sector-30, Guragaon,
Dist-Haryana-122001.

Sub: Prescribing of ToR to "Common Bio-Medical Waste Treatment Facility of M/s Medicare Environmental Management Pvt. Ltd at Plot No. A-7, Phase – II, Sindri Industrial Area, Dhanbad."- regarding.

Ref: SIA/JH/MIS/19664/2017.

Sir,

Reference is invited to your letter along with the application in the prescribed format (Form-1) and a copy of the pre-feasibility report to prescribe the ToRs for undertaking detailed EIA study for the purpose of obtaining environmental clearance under the provisions of the EIA Notification, 2006 in respect of the above mentioned project.

The proposal was appraised by State Level Expert Appraisal Committee (SEAC) and recommended for grant of ToR for EIA/EMP preparation along with public hearing. In its meeting held on 27th 28th March, 2018.

The proposal was considered by the committee to determine the "Terms of Reference (TOR)" for undertaking detailed EIA study for the purpose of obtaining environmental clearance, in accordance with the provisions of the EIA Notification, 2006 and amendments thereafter. For this purpose, the project proponent has submitted the prescribed Form - I & PFR, the proposed project falls under item 7 (d) [Common Hazardous Waste Treatment, Storage and disposal facilities (TSDFs)] as per EIA notification, 2006.

M/s Medicare Environmental Management Pvt Ltd is proposing a Bio-Medical Waste Treatment Facility at Plot No. A-7 Phase – II, Sindri Industrial Area, Dhanbad with an area of 1.00 Acre. The proposed facility shall collect segregated biomedical waste from various health care establishment / units in Dhanbad and surrounding districts, transport the same, store, treat & dispose of suitably. The proposed equipment for the facility include Incinerator, Autoclave, Shredder, Storage, Effluent treatment plant etc.

Proposed equipment's capacity shall be as follows:

Sl. No.	Equipment	Capacity
1.	Incinerator	150 kg / hr
2.	Autoclave	430 – 2000 liters / batch
3.	Shredder	50 kg/hr

The project is aimed to cater the needs of treatment of bio-medical waste generated from nearby Health Care Units of Dhanbad and surrounding districts (Bokaro, Ramgarh, Dumka, Hazaribagh, Godda, Giridih, Jamtara, Deoghar) with an approximation of 20,000 beds @ 0.16-0.2 kg/day/bed equals to 3.2 – 4 TPD.

The primary purpose of incineration is to burn the waste to ashes through a combustion process. The unit shall have a dual chambered incinerator. The purpose of autoclave is to sterilize / dis-infect the waste with steam. Microorganisms which contribute to infection do not survive beyond 80°C. However, as stipulated in MoEF & CC advisory, for ensuring uniform distribution of temperature, pressure of 15 psi and temperature of 121°C is to be maintained. The net water requirement for the proposed facility is 32 KLD and the waste water generated will be treated in ETP.

The power requirement for the proposed facility is 100 KW and DG set's capacity is 100 KVA for emergency backup. The total cost of the project is estimated to be Rs. 1.90 Crores.

In the earlier presentation, discrepancies were identified & pointed out and the committee advised to submit requisite documents, accordingly

"The provisional land agreement has been issued by BLADA on 17.07.17. SEAC requested the proponent to submit the status of the provisional land agreement with point-wise details."

The documents related to the above mentioned discrepancies have been submitted.

State Level Environment Impact Assessment Authority (SEIAA), Jharkhand in its meeting held on 17.04.2018 discussed the project proposal along with recommendations made by SEAC and decided to grant ToR to the project.

Following the decision of SEIAA, as mentioned above, ToR is hereby issue to the **"Common Bio-Medical Waste Treatment Facility of M/s Medicare Environmental Management Pvt. Ltd at Plot No. A-7, Phase – II, Sindri Industrial Area, Dhanbad."**- alongwith the following conditions- :

The TORs prescribed for undertaking detailed EIA study are as follows:

A . Standard Terms of Reference

1. Reasons for selecting the site with details of alternate sites examined/rejected/selected on merit with comparative statement and reason/basis for selection. The examination should justify site suitability in terms of environmental damages, resources sustainability associated with selected site as compared to rejected sites. The analysis should include parameters considered along with weightage criteria for short-listing selected site.
2. Submit the details of the road/rail connectivity along with the likely impacts and mitigative measures
3. Submit the present land use and permission required for any conversion such as forest, agriculture etc
4. Examine the details of transportation of Hazardous wastes, and its safety in handling.
5. Examine and submit the details of on line pollutant monitoring.
6. Examine the details of monitoring of Dioxin and Furon.
7. MoU for disposal of ash through the TSDF.
8. MoU for disposal of scrubbing waste water through CETP.

9. Examine and submit details of monitoring of water quality around the landfill site.
10. Examine and submit details of the odour control measures.
11. Examine and submit details of impact on water body and mitigative measures during rainy season.
12. Environmental Management Plan should be accompanied with Environmental Monitoring Plan and environmental cost and benefit assessment. Regular monitoring shall be carried out for odour control.
13. Water quality around the landfill site shall be monitored regularly to examine the impact on the ground water.
14. The storage and handling of hazardous wastes shall be as per the Hazardous Waste Management Rules.
15. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
16. Public hearing to be conducted for the project in accordance with provisions of Environmental Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan. The Public Hearing should be conducted based on the ToR letter issued by the Ministry and not on the basis of Minutes of the Meeting available on the web-site.
17. A detailed draft EIA/EMP report should be prepared in accordance with the above additional TOR and should be submitted to the Ministry in accordance with the Notification.
18. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
19. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
20. Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "<http://moef.nic.in/Manual/Incinerator>"
21. **CO certificate regarding class of land (whether recorded as Jangal-Jhari or not) must be submitted within one month from date of issuing the letter.**
22. **DFO Certificate regarding distance from notified forest / National Park / Sanctuary/ Eco Sensitive Zone / Bio-Diversity Area is to be submitted.**

B. Other

1. Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the F.R for securing the TOR) should be brought to the attention of SEIAA, Jharkhand with reasons for such changes and permission should be sought, as the TOR may also have to be altered.
2. The prescribed TORs would be valid for a period of three years for submission of the EIA / EMP reports, as per the O.M. No. J-11015 / 109 / 2013 – IA.II (M), dated 12.01.2017.


Sd/-
Member Secretary
State Level Environment Impact
Assessment Authority, Jharkhand.

Memo No.-EC/SEIAA/2016-17/2028/2017/100

Dated: 08.05.2018.

Copy to:

1. Member Secretary, Jharkhand State Pollution Control Board, Ranchi.
2. Member Secretary, SEAC, Jharkhand, Ranchi for information and necessary action.


Member Secretary
State Level Environment Impact
Assessment Authority, Jharkhand.