



**State Level Environment Impact Assessment Authority, Jharkhand.**

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Letter No.-EC/SEIAA / 2017-18 / 2064/ 2017/ 240

Ranchi, Date: 22.12.2017

To: **Mr. Sarvjeet Singh Kohli,**  
Hi-Tech Lab & Business Centre,  
Plot No- 41 & 45(P), Phase VII,  
Tata Kandra Main Road,  
(Near Adityapur Toll Bridge Junction),  
Adityapur Industrial Area,  
Jamshedpur – 832109.

Sub.: Environmental Clearance for the project **“Inclusion of Common Bio-Medical Waste Treatment Facility in Hazardus Waste Management Facility of M/s Adityapur Auto Cluster at Village-Dugni, Tehsil- Saraikela, Dist.- Saraikela-Kharsawan, Jharkhand”.**

Sir,

It is in reference to the project “Inclusion of Common Bio-Medical Waste Treatment Facility in Hazardus Waste Management Facility of M/s Adityapur Auto Cluster at Village-Dugni, Tehsil-Saraikela, Dist.- Saraikela-Kharsawan, Jharkhand” submitted by you for seeking prior Environmental Clearances (EC).

The proposal was appraised by State Level Expert Appraisal Committee (SEAC) and recommended for grant of Environmental Clearance in its meeting held on 20 to 22.11.2017.

**Hazardus waste management of M/s Adityapur Auto Cluster** had earlier obtained EC vide letter no.- EC/SEIAA/2013-14/149/2013/1944, dated- 30.11.2015 for 17,400 TPA.

Now, amendment in the existing EC for inclusion of Bio-Medical Waste Treatment Facility has been sought. As the bio-medical waste will be processed in the existing 500 kg/hr incinerator and there will not be any additional pollution load increase due to the addition of biomedical waste.

The Salient Features of the Common Bio-Medical Waste Treatment Facility are as follows:

<b>Project Title</b>	Inclusion of Common Bio-Medical Waste Treatment Facility in Hazardous Waste Management Facility at Dugni Village, Saraikela Tehsil, Saraikela – Kharsawan District, Jharkhand
<b>Consultant</b>	Ramky Enviro Services Private Limited, 12 <sup>th</sup> Floor, Ramky Grandiose, Ramky Towers Complex, Gachibowli, Hyderabad
<b>Proponent</b>	M/s Adityapur Auto Cluster, Jamshedpur
<b>Project Cost</b>	Rs. 70 Lakhs

<b>Land Area</b>	20 acres
<b>Land Allotment By</b>	Adityapur Auto Cluster, Adityapur Industrial Area Development Authority
<b>Coverage Area</b>	Saraikela – Kharsawan, Ranchi, East Singhbhum and West Singhbhum
<b>Scope of Work</b>	Collection, Transportation, Treatment and Disposal of Bio-Medical Waste
<b>Equipment</b>	Autoclave – 430 liters/batch Shredder – 100 kg/hr Existing Incinerator 500 kg/hr will be used.
<b>Capacity of the Facility</b>	20,000 Beds
<b>Waste Handling Capacity</b>	Biomedical waste generated from 20,000 beds. The total waste handling capacity of the facility shall not exceed 17,400 TPA, as per earlier EC.
<b>Water Consumption</b>	No additional water will be required for inclusion of proposed BMW facility in the Hazardous Waste Management Facility.
<b>Wastewater Generation</b>	Waste water generated will be treated in in-house ETP and shall be reused within the facility (Zero Liquid Discharge)
<b>Power</b>	Source of Power – Jharkhand State Electricity Board
<b>Disposal of ETP Sludge and Ash</b>	ETP Sludge and Ash will be disposed within the facility (secured landfill/incineration).

Based on the presentation made and information provided the Committee decided that the proposal for Inclusion of **Common Bio-Medical Waste Treatment Facility in Hazardus Waste Management Facility** of M/s Adityapur Auto Cluster at Village-Dugni, Tehsil- Saraikela, Dist.- Saraikela-Kharsawan be recommended for consideration of SEIAA subject to above mentioned observations for grant of amendment of EC alongwith all the conditions provided earlier.

State Level Environment Impact Assessment Authority (SEIAA), Jharkhand in its meeting held on 20 & 21.12.2017 discussed the project proposal along with recommendations made by SEAC and decided to grant EC to the project.

Following the decision of SEIAA, as mentioned above, Environmental Clearance is hereby issued to the "Inclusion of Common Bio-Medical Waste Treatment Facility in Hazardus Waste Management Facility of M/s Adityapur Auto Cluster at Village-Dugni, Tehsil- Saraikela, Dist.- Saraikela-Kharsawan, Jharkhand" alongwith the following conditions as recommended by SEAC.

#### A. Specific Conditions



1. This Environmental Clearance is valid subject to the following condition below –  
That this project has-
  - a. Obtained all legal rights to operate at concerned place.
  - b. Complied with all existing concerned laws of the land and
  - c. Complied with the decisions of SEIAA on the issue of Environmental Clearance till date.
2. The "Consent to Establish" shall be obtained from Jharkhand State Pollution Control Board (JSPCB) under Air and Water Act before start of construction work at the site and all the conditions of the same should be complied. PP shall also obtain consent to operate in due course from JSPCB prior to start of operation of CBWTF.
3. All units to be set up in the CBWTF/HWHF should comply with the conditions of Environment Clearance and responsibility of same will lie with the Adityapur Auto Cluster (PP).
4. The Member industries of Auto Cluster should provide Pre-treatment facility to ensure discharge from individual industry meeting the norms of inlet effluent standard to CBWTF/HWHF.
5. Daily monitoring should be done for waste water from CBWTF/HWHF. Parameters shall include Heavy Metals, COD, BOD, SS, TDS and Oil.
6. Treated water in excess to the recycle/reuse system in the CBWTF/HWHF should be supplied to nearest agriculture fields of village for the irrigation purpose, as part of CSR.
7. Stringent control should be maintained and in no case waste water should be discharged in the river or water body. CBWTF/HWHF shall work on Zero discharge concept.
8. Odour control aspects should adopt during the designing and operation of the CBWTF/HWHF.
9. Bio-degradable solid waste if any, should be collected properly and composted. It should be used/distributed as manure under CSR activity.
10. PP should form a centralized environmental monitoring cell to deal with the environmental issues and for ensuring compliance with the EC conditions
11. PP should have a system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large.
12. All necessary statutory clearances/ permissions as required should be obtained before operation of CBWTF/HWHF eg. Consent to Operate under The Water (Prevention and Control of Pollution) Act, 1974 and The Air (Prevention and Control of Pollution) Act 1981, Consent under The Hazardous Wastes (Management, Handling & Trans boundary Movement) Rules, 2008, Permission under The Factories Act (As amended till 2001), etc.
13. PP should provide Rainwater harvesting provisions in the project.
14. PP should examine the health status through Pre-placement & periodical health status / medical examination of all the workers.
15. PP should make arrangement of periodic health check-ups for early detection and control of communicable diseases due to project.
16. PP should provide preventive measures for potential fire hazards with requisite fire detection, fire-fighting facilities and adequate water storage.





17. PP should contribute in overall socio economic development of the area.
18. PP should undertake SPCB / NABL/ MoEF Recognized agency for regular third party monitoring and reporting.
19. PP shall submit a scheme for the protection of Sona Nadi water pollution from discharge of CBWTF/HWHF or any industrial effluent discharge in worst situation.
20. A dyke of sustainable height shall be provided along the bank of Sona Nadi .
21. Disaster Management Plan shall be in place.
22. Trees shall be planted and maintained around the plant in an area at least 4 times the built up area of the facility. Green belt development shall be started along with the construction activity and cover the area leased but not used by the facility.
23. The CBWTF/HWHF shall have an ETP to treat the effluents, if any.
24. CBWTF/HWHF shall treat the effluent to the on land for irrigation stipulated order Environment (Protection) Rules 1986, as amended upto date, notified and published by Ministry of Environment and Forests, Govt. of India as specified in schedule-VI vide GSR422(E), dated- 19.05.1993 as amended on 31.12.1993.
25. CBWTF/HWHF shall discharge domestic effluents into septic tank followed by subsurface dispersion.
26. Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas. The applicant shall maintain good house keeping both within the facility and in the premises. All pipes valves sewers and drains shall be leak proof.
27. All solid wastes arising in the premises shall be properly classified and disposed of to the satisfaction of the JSPCB by
  - i. Landfill in case of inert material.
  - ii. Alternate destruction or safe storage, in case of combustible organic material.
  - iii. Secure land fill in case non-biodegradable, chemically active / Hazardous solid waste, care being taken to ensure that the material does not give rise to leachate which may percolate into ground water or be carried away with storm run off.
28. The industry shall implement the following rules and regulations notified by the MoEF & CC, GOI.
  - i. Hazardous waste (Management and Handling) Rules 1989 as amended upto 2003.
  - ii. Manufactures, storage and import of hazardous chemicals Rules 1989.
  - iii. Rules for manufactures, use, import, export and storage of Hazardous micro organisms / genetically engineered organisms or cells 1989.
29. There shall not be any perceptible odour outside the industry's premises.
30. All the rules and regulations notified by Ministry of Environment & Forests, Govt. of India in respect of air, water pollution control measures shall be followed to avoid nuisance to public.
31. They shall follow the rules and regulations notified by Ministry of Law and Justice, GOI regarding the Public Liability insurance Act, 1991.
32. The applicant shall obtain Consents for operation regularly from JSPCB as required Under Sec. 25/26 of the Water (P & C of P) Act, 1974 and under sec. 21/22 of the Air (P & C of P)

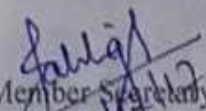



Act, 1981, for operation of the CBWTF/HWHF, before starting trial operation. The Consent for Operation will be accorded only after ensuring compliance of all the conditions stipulated in this order.

33. The applicant shall comply with and carry out conditions issued by the JSPCB in this NOC scrupulously. The applicant is liable for legal action as per the provisions of the relevant Acts in case of non-compliance of any conditions of the NOC.
34. They are liable to pay for any environmental damage caused by it, as fixed by the as civil liability.
35. You will develop CBWTF/HWHF as per design details submitted by you and approved by committee of JSPCB. The land fill design shall be modified as required by Technical Committee from time to time.
36. You will submit monthly progress report and obtain authorization under Hazardous Waste (Management & Handling) Rules 1989 and as amended from time to time.

#### B. Other points

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for a period of five (5) years. The PP shall not increase production rate and make modifications in process during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
Member Secretary  
State Level Environment Impact  
Assessment Authority, Jharkhand.

  
22-12-17