

F.No.10-65/2012-IA.III
Government of India
Ministry of Environment, Forests & Climate Change
(IA-III Division)

Vayu Wing, 3rd Floor,
Indira Paryavaran Bhawan,
Jor Bag Road, Aliganj,
New Delhi - 110 003.

Dated: 19th September, 2014

To
M/s Ramky Enviro Engineers Ltd.,
Ramky House, Site No. 25-30,
2nd Cross, Raghavendranagar,
Hennur Ring Road, Kalyan Nagar (Post),
Bengaluru - 560 043, Karnataka

Subject: Environmental Clearance for setting up of incinerator at TSDF, Dobaspet, Bangalore, Karnataka by M/s Ramky Enviro Engineers Ltd. -Reg.

This has reference to your letter No. Nil dated Nil and subsequent letters dated 21.03.2013 and 29.11.2013 seeking Environmental Clearance under the Environment Impact Assessment Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the Environment Impact Assessment Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Form-I, EIA, EMP, and the additional clarifications furnished in response to the observations of the Expert Appraisal Committee constituted by the competent authority in its meetings held on 13th - 14th May, 2013, 20th - 23rd November, 2013 and 19th - 21st May, 2014.

2. It is interalia, noted that the proposal involves setting up of incinerator facility of capacity 5.5 Million Kcal/Hr(1000 - 1500 kg/hr) within the existing Hazardous Waste Treatment and Disposal Facility of Karnataka Waste Management Project (KWMP) at Sy.No.7, 8, 9, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84 and 85 at Dobaspet, Bangalore Rural District, Karnataka State to dispose the Incinerable waste of the industries in a scientific manner, so that the existing TSDF will become an Integrated Common Hazardous Waste Management Facility (ICHWMF). Total Area of CHWTSDF is 93.5 Acres (37.83 Ha) and in which the proposed incinerator area is 0.33 Acres (0.13 Ha). Total water required for incinerator facility is 108 KLD. The wastewater generated from the proposed unit will be recycled and zero discharge will be maintained. The incineration will be provided with a stack meeting MOEF guidelines (minimum 30m), spray dryer, multi-cyclone, bag house, wet scrubber for control of air pollutants. Mitigation measures are proposed to minimize the adverse impacts if any due to the proposed activity in the form of EMP. The budget proposed for implementation of EMP measures is Rs. 5.0 Crores is capital cost and Rs. 75 Lakhs /per annum is recurring cost. The capital cost the proposed project is Rs. 28 Crores.

3. As estimated by Karnataka State Pollution Control Board (KSPCB) vide letter No. PCB/SEO/WM/12-13/936 dated 21.09.2012, presently out of



30362.76 MT of Incinerable waste generated from the industries those who have MoU with TSDF, about 14000 to 15000 MT is being disposed by captive and other incinerators. Remaining quantity of 15000 to 16000 MT of incinerable waste needs to be disposed by means of hazardous waste incinerator in a scientific way.

4. The above proposal was considered by the EAC in its meetings held on 18th - 19th October, 2012 and 13th - 14th May, 2013. The EAC exempted the Public Hearing for the project, since it is located in notified industrial area. The Committee noted that a representation was received by the Ministry and also by the members of the Committee from Shri Jagadish regarding the proposal of M/s Ramky Enviro Engineers Ltd, (REEL) Bangalore. It has been mentioned by the complainant that MoEF has already accorded Environmental Clearance (EC) to M/s Bangalore Eco Park Pvt. Ltd. (BEPPL) for common incineration facility at Dobaspet, which is at a distance of ½ km from the proposed facility of M/s Ramky Enviro Engineers Ltd. It has also been mentioned in the complaint that Karnataka State Pollution Control Board, Bangalore has already provided consent to establish to BEPPL. It has been mentioned that the KSPCB has accorded the consent to establish and consent to operate to REEL only for land dumping facility.

5. The Committee advised Ministry to communicate with the KSPCB for their comments with respect to the direction/ guidelines of Hon'ble High Court, requirement of the facilities, whether both the facilities are required or only one facility is required and which one has to be provided the clearance in case only one facility is to be located. The Ministry sent a communication to KSPCB and it has been informed by KSPCB vide letter No PCB/WMC/SEO/63693/2013-14/854 dated 28.02.2014 that there is no such guidelines/ direction on number of facilities to be accommodated in a specific area.

6. The Expert Appraisal Committee, after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations, have recommended for the grant of Environmental Clearance for the project. Accordingly, the Ministry hereby accords necessary Environment Clearance for the above project as per the provisions of Environment Impact Assessment Notification, 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

A. SPECIFIC CONDITIONS:

- (i) "Consent for Establishment" shall be obtained from State Pollution Control Committee under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.
- (ii) The Karnataka State Pollution Control Board (KSPCB) will ensure that the two facilities i.e. Ramky Enviro Limited and Eco Park Limited, should not release pollutants simultaneously in the ambient environment more than the load beyond permissible limit for that area.

- (iii) Guidelines of CPCB for Common Hazardous Wastes Incinerators shall be followed.
- (iv) Necessary provision shall be made for fire fighting facilities within the complex.
- (v) On line monitoring shall be provided to monitor the air pollutants. The details of monitoring shall be recorded and be submitted along with the six monthly monitoring report.
- (vi) Transportation and handling of Hazardous Wastes shall be as per the Hazardous Wastes (Management, Handling and Trans-boundary Movement)) Rules, 2008
- (vii) An on Site Emergency Management Plan shall be prepared and implemented.
- (viii) Periodical air quality monitoring in and around the site shall be carried out.
- (ix) Use only low sulphur diesel. No other oil shall be used.
- (x) The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
- (xi) The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.
- (xii) Project proponent should develop green belt all along the periphery of the site with plant species that are significant and used for the pollution abatement.

B. GENERAL CONDITIONS:

- (i) The project proponent will set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
- (ii) Full support shall be extended to the officers of this Ministry/ Regional Office at Bangaluru by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.
- (iii) A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bangaluru regarding the implementation of the stipulated conditions.
- (iv) Ministry of Environment, Forests & Climate Change or any other competent authority may stipulate any additional conditions or



modify the existing ones, if necessary in the interest of environment and the same shall be complied with.

- (v) The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.
- (vi) In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment, Forests & Climate Change.
- (vii) The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.
- (viii) A copy of the clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been made received while processing the proposal.
- (ix) Safety provision such as bus bays, service roads intersection improvement etc., will be carried out by the project proponent. The project proponent shall provide adequate facilities as per IRC norms/guidelines.
- (x) State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Center and Collector's Office/Tehsildar's office for 30 days.

7. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 2006, including the amendments and rules made thereafter.

8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.

9. The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forests & Climate Change at <http://www.envfor.nic.in>. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bengaluru.

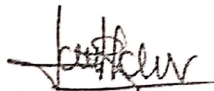
10. This clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.

11. Any appeal against this 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.

12. Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.

13. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.

14. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of Clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.


(Lalit Kapur)
Director (IA-III)

Copy to:

- (1) The Secretary, Department of Environment, Government of Karnataka, Bangalore.
- (2) The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110 032.
- (3) The Member Secretary, Karnataka Coastal Zone Management Authority & Director, Environment Technical Cell, Department of Forests, Ecology and Environment, Govt. of Karnataka.
- (4) The Member Secretary, Karnataka State Pollution Control Board, "Parisara Bhavan, 4th & 5th Floor, # 49, Church Street, Bangalore-560 001.
- (5) The CCF, Regional Office, Ministry of Environment, Forests and Climate Change (SZ), Kendriya Sadan, IVth floor, E&F wings, 17th Main Road, Koramangala II Block, Bangalore - 560 034.
- (6) IA - Division, Monitoring Cell, MOEF&CC, New Delhi - 110003.
- (7) Guard file.

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(Lalit Kapur)
Director (IA-III)