State Level Environment Impact Assessment Authority, Rajasthan

4, Institutional Area, Jhalana Doongri, Jaipur-302004
Phone: 0141-2705633, 2711329 Ext. 361

No: F1 (4)/SEIAA/SEAC-Raj/Sectt/Project /Cat. 7(i)B1/(246)/ 08-09 Jaipur, Dated: 31 JUL 2013

To,

Project Director,
Rajasthan Urban Infrastructure Development Project,
AVS Building, Jawahar Circle,
JLN Marg, Jaipur

Sub: EC for proposed land fill site at Village-Nani, Sikar Bye Pass Road, Sikar, Rajasthan.

Sir,

This has reference to your application dated 10.11.09 seeking environmental clearances for the above project under EIA Notification 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification 2006 on the basis of the mandatory documents enclosed with the application viz. the questionnaire, EIA, EMP and additional clarifications furnished in response to the observation of the State Level Expert Committee Rajasthan, in its meeting held on 18.03.13 & 25-26..6.13.

2. **Brief details of the Project:**

1.	Category & Item no. (in the Schedule):	7 (i), B-1 (Common Municipal Solid Waste Management Facility)
2.	Location of Industry/Project:-	Located near village-Nani-Gaon at a distance of about 8 km. from Sikar Town on Sikar Bye Pass Road. Khasra no. 1116/828 and 1114/828.
3.	Plot Area:-	17.4 ha.
4.	Product & Capacity:-	Handling of Municipal Solid Waste; 103 TPD and increased capacity up to 2041 will be 241 TPD.
5.	Expected Cost:-	Rs. 340.67 Lacs
6.	Water Requirement & Source:-	(i) 10 KLD required for land fill process and domestic use of workers; (ii) Source: Ground Water exploitation though a new tube well.
7.	Fuel & Energy:-	Power required:- 50 KWH per day; Source: JVVNL
8.	Environment Management Plan:-	S. No. / Item / Cost 1 Implementation of EMP (2 years) 6,90,000 2. Survey of litter and garbage (6 years) 5,90,000 3. Measurement of greenhouse gas (5 yrs) annually 5,00,000 4. Environmental mitigation measures including buffer zone development for SLF 5,00,000 Total 22,80,000
9.	Public Hearing	Public hearing was held on 28th August, 2012 at the Meeting Hall, District Counsel, Sikar .

3. The SEAC Rajasthan after due considerations of the relevant documents submitted by the project proponent and additional clarifications/documents furnished to it have recommended for Environmental Clearance with certain stipulations. The SEIAA Rajasthan after considering the proposal and recommendations of the SEAC Rajasthan hereby accord Environmental Clearance to the project as per the provisions of Environmental Impact Assessment Notification 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

Part A – SPECIFIC CONDITIONS

i. This E.C. is granted for setting up of Land Fill Site for disposal of MSW (103 TPD and with increased capacity as 241 TPD up to 2041) at Khasra no. 1116/828 and 1114/828, Village-Nani, Sikar Bye Pass Road, Sikar, Rajasthan.

ii. That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry / unit / project proponent. 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.

iii. As envisaged the PP shall ear mark a sum of Rs. 22.80 lacs for environmental monitoring for taking up various environmental protection measures under the Environmental Management Programme.

iv. The project proponent shall obtain prior CTE / CTO from RSPCB before implementing the project. All the conditions stipulated by the RPCB in its CTE/CTO shall be effectively implemented.

v. Project Authorities shall ensure transportation, segregation and disposal in accordance with the Municipal Solid Wastes (Management and Handling) Rules, 2000.

iii. Permission to draw ground water shall be obtained from CGWA/CGWB prior to construction/ operation of project.

iv. The entire project area shall be properly fenced.

v. Facility for land filling should be designed with protective measures against pollution of ground water, surface water and air fugitive dust, wind-blown litter, bad odour, fire hazard, bird menace, pests or rodents, greenhouse gas emissions, leachate collection , slope instability and erosion. A provision for site closure and Post Closure Maintenance shall also be ensured, and submitted to RPCB at the time of CTE/CTO.

vi. Proper mechanism should be adopted for extraction and scientific disposal of leachate.

vii. The PP should provide separate drainage and outlets with the precaution that the storm water shall not come into contact with leachate.

viii. Piezometer wells of adequate depth shall be installed just beyond the periphery of landfill site and the water samples from the same be collected and analyzed quarterly to assess any pollution from landfill site.

vi. The municipal waste shall be segregated and processed as proposed for generation of 1 MW electric power per hour and the residue waste should be disposed as per Municipal Solid Wastes (Management and Handling) Rules, 2000.

ix. Bio-medical waste and industrial wastes shall not be mixed with MSW and such wastes shall follow the rules specified separately for the purpose.

x. Waste collected from residential and other areas shall be transferred to community bin by hand driven containerized carts or other small vehicles.

xi. Horticultural and construction / demolition wastes or debris shall be collected separately and disposed of following proper norms. Similarly, wastes generated by dairies shall be regulated in accordance with the relevant laws;

xii. Garbage, dry leaves shall not be burnt.

xiii. Stray animals shall not be allowed to move around waste storage facilities.

xiv. Manual handling of waste shall be prohibited. If unavoidable due to constraints, manual handling shall be carried out under proper precaution with due care for safety of workers.

xv. Transportation of MSW from place to place should be under hygienic conditions and be carried through specially designed transport system so as to prevent foul odour, littering, unsightly conditions and accessibility to vectors.

xvi. Vehicles used for transportation of wastes shall be covered. Waste should not be visible to public, nor exposed to open environment preventing their scattering. The following criteria shall be met:-

a) The storage facilities set up by municipal authorities shall be attended daily for clearing of wastes. The bins or containers wherever placed shall be cleaned before they start overflowing;

b) Transportation vehicles shall be so designed that multiple handling of wastes, prior to final disposal, is avoided.

xvii. Water sprinklers shall be provided for controlling fugitive dust.

xviii. First aid and sanitation arrangements shall be made for the drivers and other workers.

xix. The P.P. shall ensure taking necessary steps on urgent basis to improve the living conditions of the labour at site and provide health facility, sanitation facility, fuel for cooking, along with safe drinking water, medical camps, toilets for women, crèche for infants.

xx. Regular monitoring of the ambient air quality and water quality shall be carried out. Monitoring stations and frequency of monitoring shall be decided in consultation with the State Pollution Control Board. Periodic reports shall be submitted to the Regional office of MoEF at Lucknow, SEIAA Rajasthan and RSPCB.

xxi. The P.P. should ensure compliance of the order of the Hon'ble Rajasthan High Court, Jodhpur, in D. B. Civil writ petition no. 1536 of 2003 in the matter of Abdul Rahman vs State of Rajasthan and others.

xxii. The P.P. should ensure that the proposed concord blue reformer (Pure Steam Thermolysis Technology)should be run by authorized skilled persons ensuring the optimum moisture levels are maintained to enable the requisite pyrolysis of the waste.

xxiii. Green belt shall be developed in at least 33% of the total project area with suitable species of the plants as per the CPCB guidelines.

xxiv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

xxv. The PP shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.

Part B – GENERAL CONDITIONS

i. The environmental safeguards contained in form 1 A shall be implemented.

ii. The project authorities shall strictly adhere to the stipulations made by the Rajasthan State Pollution Control Board and also by the other Government offices from where NOC has been obtained by the P.P.

iii. No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be. In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

iv. The project proponent shall also comply with all the environmental protection measures and safeguards as per the information provided.

v. A separate environment management cell with qualified staff shall be set up for implementation of stipulated environmental safeguards.

vi. Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure shall be reported to the Ministry.

vii. The environmental clearance accorded shall be valid for a period of 5 years from the start of the project.

viii. The implementation of the project vis-à-vis environmental action plans shall be monitored by MoEF Regional Office at Lucknow / RSPCB / SEIAA, Department of Environment,

Government of Rajasthan, Jaipur. A six monthly compliance status report shall be submitted to monitoring agencies.

ix. Officials from the Regional Office of MoEF, Lucknow, RSPCB who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to SEIAA should be forwarded to the CCF, Regional Office of MoEF, Lucknow, RSPCB, Jaipur.

x. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provision of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

xi. The project proponent should 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 Rajasthan State Pollution Control Board and may also be seen on the website of the RSPCB. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of MoEF at Lucknow/SEIAA, Jaipur.

xii. 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, along with their amendments and rules.

Yours faithfully,

sd/-

(Sankatha Prasad)
Member Secretary
SEIAA Rajasthan

Copy to following for information and necessary action:

1. Secretary, Ministry of Environment and Forest, Govt. of India, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi.
2. Addl. Chief Secretary, Environment Department, Rajasthan, Jaipur.
3. Smt. Alka Kala, Chairman, SEIAA, Rajasthan, 69-A, Bajaj Nagar Enclave, Jaipur
4. Shri Moti Lal Daima, Member, SEIAA, Rajasthan, 48/9, Moti Path, Mansarovar, Jaipur.
5. Member Secretary, Rajasthan State Pollution Control Board, Jaipur for information & necessary action and to display this sanction on the website of the Rajasthan State Pollution Control Board, Jaipur.
6. Secretary, SEAC Rajasthan.
7. The CCF, Regional Office, Ministry of Environment & Forests, RO(CZ), Kendriya Bhawan, 5th Floor, Sector 'H', Aliganj, Lucknow-226 020.
8. Environment Management Plan- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
9. Nodal Officer (Departmental Website), Department of Environment, Government of Rajasthan, Jaipur with the request to upload the copy of this environmental clearance on the website.

M.S. SEIAA (Rajasthan)