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)B/1(417)/11-12

Project Director, RUIDP,
AVS Building, Jawahar Circle,
JLN Marg, Jaipur-302017

Jaipur, Dated: 25 APR 2013

Sub: EC for development of Sanitary Landfill site for Municipal Solid Waste at Khasra No. 658/499 Village-Gajser, along Churu-Taranagar Road, Tehsil & District-Churu, (Rajasthan).

Sir,

This has reference to your application dated 3.11.11 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 meetings held on 18/19.12.12 & 18.3.13.

2. Brief details of the Project:

<table>
<thead>
<tr>
<th>No.</th>
<th>Category &amp; Item No.(in the Schedule):</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>7(i)B1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>G-1, (i) Khasra no. 658/499, Village-Gajser, Tehsil and District- Churu (Rajasthan)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(ii) Site is located about 6 km away from Churu along Churu-Taranagar Road.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Plot Area 12.65 ha. Composting 1.08 &amp; Green Belt .96 ha.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Product &amp; Capacity Land fill site targeted to handle 98 TPD quantity of municipal solid waste (MSW)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Expected Cost: Rs. 340.67 lacs, Revenue generation 6.389 lacs per months</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Water Requirement &amp; Source Total 5 KLD for land fill process and domestic use of workers Source: - Ground water through new tube well.</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Fuel &amp; Energy:- 25 kW Electric connections from JVVNL.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Environment Management Plan. S. No. Item Cost in Lacs</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1 Capital cost</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A. Green Belt Development</td>
<td>5.28</td>
</tr>
<tr>
<td></td>
<td>B. Management Plan for Temple</td>
<td>1.00</td>
</tr>
<tr>
<td></td>
<td>C. Environmental Training</td>
<td>10.00</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>16.28</td>
</tr>
<tr>
<td>2</td>
<td>Environmental Monitoring Cost per year during Construction</td>
<td>2.01</td>
</tr>
<tr>
<td>3</td>
<td>Environmental Monitoring Cost per year during Operation</td>
<td>8.37</td>
</tr>
</tbody>
</table>

C:\Documents and Settings\Administrator\Desktop\SEIAA..from July 2013-14\SEIAA EC Dtl 13-14.doc
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 SEI/AA 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 (98 TPD) at Khasra No. 658/499 Village-Gajser, along Churu-Taranagar Road, Tehsil & District-Churu (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.

iii. As envisaged the PP shall earmark a sum of Rs. 24.22 lacs towards capital cost and Rs. 10.38 lacs for environmental monitoring (Environmental Monitoring Cost per Year during Construction = 2.01 lacs & Environmental Monitoring Cost per Year during Operation = 8.37 lacs), 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 composting in accordance with the Municipal Solid Wastes (Management and Handling) Rules, 2000.

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

vii. The entire project area shall be properly fenced.

ix. Final disposal measures — municipal solid wastes should prevent contamination of ground water, surface water and ambient air quality.

x. 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.

xi. Proper mechanism should be adopted for extraction leachate.

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

xiii. Piezometers of adequate depth shall be installed just beyond the periphery of landfill site and the water samples from the same be collected and analysed quarterly to assess any pollution from landfill site.

xiv. The biodegradable wastes shall be processed by composting using vermi-composting, anaerobic digestion or any other appropriate biological process for stabilization of wastes. It shall be ensured that compost or any other end product shall comply with standards as specified in Schedule-IV of MSW Rules.

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

xvi. Wastes from slaughter houses, meat and fish markets, fruits and vegetable markets, which are biodegradable in nature, shall be managed to make compost out of such wastes.

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

xviii. 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.

xix. Garbage, dry leaves shall not be burnt;

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

xxii. 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.

xxiii. 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:
   c) 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;
   d) Transportation vehicles shall be so designed that multiple handling of wastes, prior to final disposal, is avoided.

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

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

xxvi. 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, and toilets for women, crèche for infants.

xxvii. 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.

xxviii. 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.

xxix. 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.

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

xxxi. 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 I 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 to start of the project.

viii. A six monthly compliance status report shall be submitted to monitoring & regulatory agencies.

ix. Officials from the Department of Environment, Government of Rajasthan, Jaipur/ 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 CCE,
Regional Office of MoEF, Lucknow / SEIAA, Department of Environment, Government of Rajasthan, Jaipur / RSPCB.

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/Department of Ecology and Environment, Government of Rajasthan, 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.

xiii. The SEIAA, Rajasthan may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

Yours faithfully

(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 Dalmia, Member, SEIAA, Rajasthan, 48/9, Moti Path, Mansarover, 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 Officer, Ministry of Environment & Forests, RO (CZ), Kendriya Bhawan, 5th Floor, Sector "H", Aliganj, Lucknow- 226020.
8. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi - 110003
9. Nodal Officer (Department 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)