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/Sect/Project/ Cat.5 (a) B1 (327)/10-11  
Jaipur, Dated: 19th Sep, 2011

To,

Mr. Vinod Mehra, President-Operations,  
Chambal Fertilisers and Chemicals Ltd.,  
P.O. - Gadepan -325028  
Dist- Kota

Sub: EC for Chemical Fertiliser unit for manufacturing of Single super phosphate (SSP) and  
Granular single super phosphate (GSSP) at village-Gadepan, Tehsil-Digod, District-Kota

Sir,

This has reference to your application dated 7.12.10 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 29/6.7.11.

2. Brief details of the Project:

1. Item No. in the list of Schedule / Category: 5(a)B-1
2. Location of Project: Village-Gadepan, Tehsil-Digod, District-Kota  
3. Plot Area: 1,575 ha (out of total 430 ha area of existing plant).  
   - As per letter dt. 07.12.2010 and 10/17.01.2011 of the P.P. and as per ToRs letter no. 1311 dt.  
   - 16.03.2011 of SEAC  
4. Product & Capacity:  
   - Single Super Phosphate (SSP) 800 TPD  
   - Granular Single Super Phosphate (GSSP) 400 TPD  
   - As per letter dt. 12.06.2011 of the P.P  
5. Expected Cost & Water Requirement  
   - Process water 365 20 400  
   - Scrubber 65 400  
   - Domestic 370 30 400  
   - Total (Unit in KLD)  
Source:- From Kali Sindh River (6 km away) 20 cu.m. / hr.i.e. 400 cu.m./day  
   - (out of total 20 cu/sec permission already available)  
   - Exisiting plant  Proposed Expansion  
   - Total

7. Fuel & Energy  

8. Environment Management plan:-  
   - Cost of Environmental Protection Measures (Rs. in lakhs)

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Item</th>
<th>Existing Plant</th>
<th>Proposed Expansion</th>
<th>Total</th>
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<td>Green Belt</td>
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<td>Total</td>
<td></td>
<td>134.00</td>
<td>18.00</td>
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C.R. Activities:

1. The EIA report in chapter 10, section 10.6 (page no. 148-149) describes various activities (e.g. community development, rural development, self help groups, health & hygiene, health camps, farmers training, animal health care, school education, I TIs, vocational trainings etc) being undertaken by the P.P.

2. However, this report neither mentions the total financial outlays earmarked for existing CSR activities nor indicates the "additionality" envisaged in CSR activities due to proposed expansion project.

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:

i. The production capacity of the industry shall be limited to production of Single Super Phosphate (SSP) 800 TPD and Granular Single Super Phosphate (GSSP) 800 TPD.

ii. The PP shall ensure the implementation of the commitments in respect of addressing Environmental and Social issues. The PP shall ensure providing 33% area of the total plant area under green cover.

iii. As committed, the PP shall earmark and spend an amount of Rs. 134 lacs towards initial capital cost and Rs. 18 lacs as annual recurring cost for various environmental protection measures and implementation of various activities under Environmental Management Plan for the proposed expansion of capacity.

iv. After the proposed expansion, the total water consumption shall be limited to 400 KLD. The source of the water supply shall be out of total 20 cusec permission already available for withdrawal from Kali Sindh River.

v. Before withdrawing ground water from bore wells, if any, prior approval from the Central Ground Water Authority shall be obtained.

vi. The PP shall achieve the stack emission standards and ambient air standards as notified under E.P. Rules 1986 and its subsequent amendments.

vii. The height of the stack for disbursement of the process emissions shall not be less than 30.00 Mtrs. from ground level.

viii. The PP shall install online fluoride monitoring instrument and maintain a regular record thereof.

ix. The PP shall obtain the approval from the concerned SE of V.V.N.L for the draw/distribution scheme of electricity.

x. The PP shall operate its unit with prior Consent to Establish and Consent to Operate under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981.

xi. The particulate matter and gaseous emissions (SO₂, NOₓ, CO, CO₂ etc) from various processes/units/storages shall conform to the standards prescribed by the State Pollution Control Board /Central Pollution Control Board or under the Environment (Protection) Rules’86 from time to time.

xii. At no time, the emissions shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the unit shall immediately put off operation and shall not restart until the control measures are rectified to achieve the desired efficiency.

xiii. Ambient air quality monitoring stations shall be set up in the down wind direction as well as where maximum ground level concentration of PM₁₀ & PM₂·₅, SO₂, NOₓ, CO, CO₂, and F (Total) are anticipated in consultation with Rajasthan State Pollution Control Board.

xiv. The project proponent shall carry out regular monitoring of air emissions of H₂S, F etc (at source, work environment and ambient air) and assessment of performance of Air pollution control arrangements.

xv. Portholes and sampling facilities shall be provided for the stacks emissions monitoring as per the CPCB guidelines. Stack emissions shall be monitored in consultation with RPCB.

xvi. The PP shall draw the Safety, Health & Environment (SHE) Plan and submit to RPCB.

xvii. As committed, the PP shall draw an elaborate plan for under taking various schemes under CSR activities, earmark specific budgetary outlays and spend accordingly. The detailed information in this regard shall be submitted by the P.P. to the RPCB at the time of applying for C.T.E/ C.T.O.

xviii. Data on ambient air quality and stack emissions shall be submitted to RPCB, once in six months carried out by MOEF/NAB/LCPCB/ Govt. approved lab.

xix. The PP shall provide separate drainage and outlets with the precaution that the storm water shall not come in contact with waste sludge.

xx. The unit shall obtain proper authorization from Rajasthan State Pollution Control Board, if it generates any waste which falls under the purview of IITWMIIR-2008.

xxi. Handling, manufacture, storage and transportation of hazardous chemicals shall be in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 (amended till date).
xxii. Adequate measures for the control of noise shall be taken so as to keep the noise levels below 85 dB (A) in the work environment. Persons working near the machines shall be provided with well-designed ear muffs/plugs and other personnel protective equipments.

xxiii. Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point shall be established.

xxiv. Efforts shall be made to increase green belt all around the premises. Native plant species shall be selected for this purpose in consultation with the local Forest Department. A green belt development plan be prepared and implemented so as to cover at least 35% area of the plot size.

xxv. A qualified person in the field of environment or separate Environmental Management Cell to be established to implement and carry out various functions is set up under the control of a Senior Executive who will report directly to the head of the project.

xxvi. The PP will ensure that no employee or worker remains on duty within the plant premises for more than 8 hours per day in one stretch. No residential facilities (even for security staff) within the factory premises will be provided.

xxvii. The funds earmarked for the environmental protection measures shall be kept in separate account and shall not be diverted for other purposes and year wise expenditure shall be reported to the Rajasthan State Pollution Control Board under the rules prescribed for environmental audit.

xxviii. Periodical medical check up of the workers shall be done in six months and records maintained and effect of fluoride on human health need to be taken into special consideration.

xxix. The PP shall ensure taking necessary steps on urgent basis to improve the living conditions of the construction labour at site.

xxx. The PP shall ensure that the EC letter as well as the status of compliance of EC conditions and the monitoring data are placed on company’s website and displayed at the project site.

xxxi. The PP shall ensure advertising in at least two local newspapers widely circulated in the region, one of which shall be in vernacular language that the project has been accorded environmental clearance and copies of the clearance letters are available with SEIAA, Rajasthan and the Rajasthan State Pollution Control Board and may also be seen on the website of the Board at www.rpcb.nic.in. The advertisement shall be made within 3(THREE) days from the date of issue of the environmental clearance and a copy shall also be forwarded to the SEIAA, Rajasthan and Regional Office, Jaipur(3) of the Board.

xxii. The SEIAA, Rajasthan reserve the right to add new conditions, modify/annual any condition and/or to revoke the clearance if implementation of any of the aforesaid condition/other stipulations imposed by competent authorities is not satisfactory. Six monthly compliance status reports on project along with implementation of environmental measures shall be submitted to MoEF, Regional Office, Lucknow and RPCB.

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 Bhawan, CGO Complex, Lodhi Road, New Delhi.
2. Addl. Chief Secretary, Environment Department, Rajasthan, Jaipur.
3. Shri Alka Kala, Chairman, SEIAA, Rajasthan, 69-A, Bajaj Nagar Enclave, Jaipur.
4. Shri Moti Lal Dalmia, 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, SEIAAC, Rajasthan.
8. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhawan, 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)