

## 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.5(a)B1(280)/10-11

Jaipur, Dated:

30 JUN 2011

To,

M/s Indian Phosphate Ltd.,

F-234, 1-E,

Mewar Industrial Area, Madri,

Udaipur-313001.

**Sub:** EC for proposed Single super phosphate products at Village-Umra, Tehsil-Girva Distt.-Udaipur

Sir,

This has reference to your application dated 26.3.10 to Government of India 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 28/29.4.11 & 23.5.11.

### 2. Brief details of the Project:

**Consultant:-**

Team Institute of Science & Technology, Jaipur.

1. Category & Item no. (in the Schedule):-

5 (a) B

2. Location of Industry/ Project

Village- Umra, Tehsil-Girva, Distt.-Udaipur.

3. Plot Area:-

3.4 hect. (34,000 m<sup>2</sup>)

4. Product & Capacity :-

Expansion-

Particular	Present Capacity (MT/d)	Expansion Capacity (MT/d)	Total Capacity (MT/d)
Single Super Phosphate (powder) i.e. SSP.	200	200	400
Single Super Phosphate (Granulated) i.e. GSSP.	--	200	200
Hydro Fluoro Silica Acid (By Product).	-----	20	20

5. Expected Cost:-

Rs. 250.00 lacs.

6. Water Requirement & Source:-

115 K lit /day to be received from outside source.

7. Fuel & Energy:-

Power Connected load 1000 KVA  
Consumption of electric energy 20 KWH/mt. of product.  
Furnace oil 9 lit./min for GSSP.  
Diesel for stand by Diesel Generating set.

8. Environment Management Plan :-

(1) 33% of area will be under green belt.  
(2) There will be environment management cell.

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:

- 1105 MUL 05
- (i) After proposed expansion, the production capacity of the industry shall be limited to production of Single Super Phosphate (Powder) SSP 400 MT/d Single Super Phosphate (Granulated) GSSP 200 MT/d and Hydro Fluro Silica Acid (By Product) 20 MT/d .
  - (ii) The total working days will be 325As envisaged, 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. 20 lacs towards initial capital cost and Rs. 25.25 lacs as annual recurring cost for various environmental protection measures and implementation of various activities under Environmental Management Plan.
  - (iv) The total water consumption shall be limited to 115 Kilo Liter/day. The source of the water supply shall be tanker water supply from nearby area.
  - (v) For 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 86 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 obtain the approval from the concerned SE of V.V.N.L for the drawl/distribution scheme of electricity.
  - (ix) 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.
  - (x) The particulate matter and gaseous emissions ( $SO_x$ ,  $NO_x$ , CO,  $CO_2$ , 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.
  - (xi) At no time, the emissions shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the units, the unit shall immediately put off operation and shall not restart until the control measures are rectified to achieve the desired efficiency.
  - (xii) Ambient air quality monitoring stations shall be set up in the down wind direction as well as where maximum ground level concentration of  $PM_{10}$  &  $PM_{2.5}$ ,  $SO_x$ ,  $NO_x$ , CO,  $CO_2$ , and F (Total) are anticipated in consultation with Rajasthan State Pollution Control Board.
  - (xiii) The project proponent shall carry out regular monitoring of air emissions of HF, F etc (at source, work environment and ambient air) and assessment of performance of Air pollution control arrangements.
  - (xiv) 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.
  - (xv) The PP shall draw the Safety, Health & Environment (SHE) Plan and submit to RPCB.
  - (xvi) As committed, the PP shall earmark & spend a total amount of Rs. 6.0 lacs as initial capital cost and Rs. 0.35 lacs as annual recurring cost on various CSR activities e.g. educational, drinking water, medical facilities, plantation etc. Further, as envisaged for "Special CSR activities", the PP shall earmark and spend a capital outlay of Rs. 50.0 lacs for providing drinking water supply tank for water supply in the nearby villages.
  - (xvii) Data on ambient air quality and stack emissions shall be submitted to RPCB, once in six months carried out by MOEF/NABL/CPCB/ Govt. approved lab.
  - (xviii) The PP shall provide separate drainage and outlets with the precaution that the storm water shall not come into contact with waste sludge.
  - (xix) The unit shall obtain proper authorization from Rajasthan State Pollution Control Board, if it generates any waste which falls under the purview of HWMHR-2008.
  - (xx) 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).
  - (xxi) 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.
  - (xxii) Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point shall be established.
  - (xxiii) 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 33% area of the plot size.



- (xxiv) 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.
- (xxv) 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.
- (xxvi) 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.
- (xxvii) Periodical medical check up of the workers shall be done in six months and records maintained and effects of fluorine on human health need to be taken into special consideration.
- (xxviii) The PP shall ensure taking necessary steps on urgent basis to improve the living conditions of the construction labour at site.
- (xxix) 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.
- (xxx) 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 Bhavan, CGO Complex, Lodhi Road, New Delhi.
2. Principal Secretary, Environment Department, Rajasthan, Jaipur.
3. Shri S.C. Derashri, Chairman, SEIAA Rajasthan, 90, Geejgarh Vihar, Hawa Sarak, Jaipur.
4. Shri R.S. Bhandari, Member, SEIAA Rajasthan, 2- Museum Road, Ram Niwas Bagh, 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, 5<sup>th</sup> Floor, Sector 'H', Aliganj, Lucknow-226 020.
8. IA- 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)**