

State Level Environment Impact Assessment Authority, Rajasthan

4, Institutional Area, Jhalana Doongri, Jaipur-302004

Phone: 0141-2705633, 2711329 Ext. 361

File No. F1 (4)/SEIAA/ SEAC-Raj/Sectt/Project /Cat. 5 (a)B1 (675) /13-14 Jaipur, Dated:

8 FEB 2014

To,
FCI Aravali Gypsum and Minerals India Ltd.
Mr. R. Senthil Kumar
(Dy. General Manager, Technical),
Add.- Mangu Singh Rajiv Marg,
Paota B Road, Jodhpur, Raj.- 342010.

Sub:- Environmental Clearance for the proposed Single Super Phosphate Project of FCI Aravali Gypsum & Minerals India Ltd., located at Plot NO. 2615, Village-Pandoli, Tehsil & District Chittorgarh, Raj.

Sir,

This has reference to your application dated 13.01.2014 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 Appraisal Committee Rajasthan, in its meeting held on 24.07.14, 5-7.02.15, 15,16 & 17.04.15

2. Brief details of the Project:

1.	Category / Item no.(in Schedule):	5 (a)B1
2.	Location of Project	Located at Plot NO. 2615, Village- Pandoli, Tehsil & District Chittorgarh, Raj.
3.	Project Details	Granulated Single Super Phosphate (GSSP) = 240,000 TPA (800 TPD) on proposed Govt. land(11.01 hect.) reserved for industrial purpose
4.	Production capacity	Product : Granulated Single Super Phosphate (GSSP) = 2,40,000 TPA (800 TPD) Land area = 11.01 Hectare
5.	Project Cost:	70.95 Crores capital Cost- 81.60 Crores Total cost-
6.	Water Requirement & Source	Quantity required : 232 KLD As Chittorgarh Block has been declared as dark zone, make-up water requirements of the project and facilities will be met from surface/ground water from neighboring areas brought to the site in tankers.
7.	Fuel & Energy:-	Fuel: Fuel Oil (for hot air generation): 2640 TPA H.S.D. for 125 KVA DG St: 15 LPH Electricity: Total power requirement approximately 900 KW. The power will be sourced from AVVNL.

8.	Environment Management Plan	S.No.	Particulars	Capital Cost (Rs. In Lac)	Recurring Cost (Rs. In Lac)
		1.	Air Pollution Control	450	20
		2.	Water Pollution Control	55	10
		3.	Noise Pollution Control	30	3
		4.	Environment Monitoring & Management	80	12
		5.	Occupational Health	15	10
		6.	Green Belt Development	22	10
		7.	Cost of Land for Green Belt	255	0
		8.	Rain Water Harvesting	30	5
			Total	937	70

Capital Cost-937 Lacs
Recurring Cost-70 Lacs/ Year

9. CSR Activates During the first 3 years, the Company proposes to spend approx. Rs. 80 lakh through CSR scheme. After that, the expenditure on schemes under CSR will be as per the approved policy of the company.

Activity	Expenditure(Rs.Lacs)
Plantation in surrounding areas	10
Community centre	20
Drinking water /sanitation	15
Education	10
Health and Family Welfare	10
Roads, Pathways and bridges	10
Skill Development	5
Grand Total	80

10. Budget for towards conservation of scheduled species. Rs. 5.00 lacs – Biological Study report

11. Green Belt/ Plantation Approximately one third of the available project area has been identified for development of green belt, where species prospering in the area will be planted and developed. Additional areas have identified for development of laws and gardened. Quantity (KLD) = 07

12. Budgetary Breakup for Labour
Rs.25 Lacs Per Year for health care facilities
Rs. 4.80 Lacs Maintenance of Canteen per year
Rs. 1.80 Lacs for Creche per year
Capital cost 10.0 Lacs for Canteen and Community
Rs. 45.0 Lacs for Rest Shelter

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

W

Assessment Notification 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

1. The production capacity of the industry shall be limited to production of Granulated Single Super Phosphate (GSSP) = 2,40,000 TPA (800 TPD) on proposed Govt. land(11.01 hect.) reserved for industrial purpose
2. **The total working days will be 330 as 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.**
3. 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.
4. As committed, the PP shall earmark and spend an amount of Rs. 937 lacs towards capital cost and Rs. 70 Lacs recurring cost on various environmental protection measures and implementation of various activities under Environmental Management Plan.
5. The PP shall earmark and spend an amount of Rs. 80 Lacs during the first 3 years, under CSR scheme as proposed. After that, the expenditure on schemes under CSR will be as per the approved policy of the company. As per the proposal submitted, the detailed action plan be submitted to RSPCB/SEIAA at the time of seeking CTE.
6. 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. As proposed, the PP shall earmark and spend an amount of Rs. 25 Lacs/year for Labour welfare Rs. 4.80 Lacs Maintenance of Canteen per year, Rs. 1.80 Lacs for Creche per year, Capital cost 10.0 Lacs for Canteen and Community Rs. 45.0 Lacs for Rest Shelter.
7. **The total water consumption shall be limited to 232 KLD.** Necessary permission shall be taken from CGWA for withdrawal of ground water.
8. The PP shall comply with the proposal for Peacock and Panther conservation plan as authenticated by the the Forest Department, Chittorgarh in reference to the PP letter no 984 dated 10.07.15. As committed, the PP shall earmark and spend an amount of Rs. 5.00 lacs towards conservation of scheduled species.
9. The PP shall achieve the stack emission standards and ambient air standards as notified under E. P. Rules 86 and its subsequent amendments.
10. The height of the stack for disbursement of the process emissions shall not be less than 30.00 Mtrs. from ground level.
11. 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.
12. The particulate matter and gaseous emissions (SO_x, NO_x, 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.
13. 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.
14. Ambient air quality monitoring stations shall be set up in the down wind direction as well as where maximum ground level concentration of PM₁₀ & PM_{2.5}, SO_x, NO_x, CO, CO₂, and F (Total) are anticipated in consultation with Rajasthan State Pollution Control Board.
15. 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.

W

16. 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.
17. The PP shall draw the Safety, Health & Environment (SHE) Plan and submit to RPCB.
18. 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.
19. The PP shall provide separate drainage and outlets with the precaution that the storm water shall not come into contact with waste sludge.
20. 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.
21. 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).
22. 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.
23. Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point shall be established.
24. 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.
25. 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.
26. 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 in normal conditions. **However based on plant operation and maintenance tasks, overtime can be provided as per the Rajasthan Factories rules for personnel deployed for more than 8 hours.**
27. 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.
28. 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.
29. The PP shall ensure taking necessary steps on urgent basis to improve the living conditions of the construction labour at site.
30. 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.
31. 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 and SEIAA, Raj.

GENERAL CONDITIONS

1. The environmental safeguards contained in Form 1-A shall be implemented in letter and spirit.
2. Six monthly monitoring reports shall be submitted to Rajasthan and Rajasthan State Pollution Control Board.
3. Officials of the RPCB, who would be monitoring the implementation of environmental safeguards, shall be given full cooperation facilities and documents/data by the PP during their inspection. A complete set of all the documents submitted to SEIAA, Rajasthan shall be forwarded to Rajasthan State Pollution Control Board.

lul

4. In case of any change(s) in the scope of the project, the PP requires a fresh appraisal by SEIAA/SEAC, Rajasthan.
5. The SEIAA/SEAC, Rajasthan reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environment (Protection) Act-1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
6. All the other statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, Fire department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (protection) Act, 1972 etc. shall be obtained, as may be applicable, by PP from the competent authority.
7. The PP shall ensure advertising in at least two local news papers 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 7(seven) days from the date of issue of the revised environmental clearance and a copy shall also be forwarded to the SEIAA, Rajasthan and Regional Office, Jaipur(S) of the Board.
8. These stipulations would also be enforced amongst the 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' 06.
9. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the proponent, if it was found that construction of the project has been started without obtaining environmental clearance.
10. Environment clearance is subject to final order of the Honb'le Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition(Civil) No. 460 of the year 2004 as may be applicable to this project.

Yours faithfully,



(Rajesh Kumar Grover)
Member Secretary,
SEIAA Rajasthan

Copy to following for information and necessary action:

1. Secretary, Ministry of Environment, Forest & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110003.
2. Addl. Chief Secretary, Environment Department, Rajasthan, Jaipur.
3. Smt. Alka Kala, Chairperson, SEIAA, Rajasthan, 69-A, Bajaj Nagar Enclave, Jaipur
4. Sh. Sankatha Prasad, (IFS Retd.), 250, Gomes Defence Colony, Vaishali Nagar, 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 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. Programmer, Department of Environment, Government of Rajasthan, Jaipur with the direction to upload the copy of this environmental clearance on the website

M.S. SEIAA (Rajasthan)