

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.3(b)B1/(427)/11-12

Jaipur, Dated:

14 JUN 2012

To,

M/s Jai Shankar Cement Industries
through Mr. Jitendra Yadav, Partner,
Plot no. E-30, phase-1,
RIICO Industrial Area,
Behror,
District-Alwar,
Rajasthan

Sub: EC for proposed stand alone clinker grinding unit of M/s Jai Shankar Cement Industries at Plot no. E-30, phase-1, RIICO Industrial Area, Behror, District-Alwar, Rajasthan.

Sir,

This has reference to your application dated 27.12.11 seeking environmental clearances for the capacity enhancement and renewal of 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 23-24/2.12 & 30/4-1/5.5.12.

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

1.	Category / Item no.(in Schedule):	Cat. 3(b)B				
2.	Location of Industry/Project	Plot no. E-30, phase-1, RIICO Industrial Area, Behror, District-Alwar, Rajasthan				
3.	Plot Area	4,023 sq. m.				
4.	Product & Capacity	PPC (Portland Pozzolana Cement) and OPC (Ordinary Portland Cement) Total Capacity 100 TPD				
5.	Expected Cost:	Rs. 45 lacs				
6.	Water Requirement & Source	Purpose	Industrial Water Demand	Domestic Water Demand	Plantation	Total Water Requirement
		Quantity	Nil	2 KLD	2 KLD	4 KLD
		Source	RIICO Water Supply.			
7.	Fuel & Energy:-	Power Demand	200 kVA,	Source :	JVVNL	
8.	Environment Management Plan	Funds Proposed for Environment Management (Amount in Rs.)				
		S. No.	Particulars	Capital Cost	Annual Recurring Cost	
		1	Air Pollution Control	60,000	30,000	
		2	Water Pollution Control	40,000	15,000	
		3	Noise Pollution Control	15,000	5,000	
		4	Environment Monitoring & Management	15,000	4,500	
		5	Occupational Health	15,000	2,500	
		6	Green Belt	6,000	3,000	
	Total	1,51,000	60,000			
9.	CSR Activities	Water Cooler, Toilet & First Aid Facilities in 5 Govt. Schools of Behror with total cost of Rs. 5,05,000.00				

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 for Cement Manufacturing (Clinker Grinding) shall not exceed 100 TPD.
- ii. The Water Requirement for domestic, industrial and plantation usages shall not exceed 4.0 KLD. The water supply shall be obtained from RIICO or other sources. No ground water extraction shall be permitted without prior permission of the CGWA.
- iii. The PP shall achieve the stack emission standards and ambient air standards as notified under E.P. Rules, 1986 (including CREP guidelines)
- iv. The height of the stack for disbursement of the process emissions shall not be less than 30 mtrs from ground level.
- v. The PP shall operate the unit with prior Consent to Establish and Consent to Operate under the provisions of Water (Prevention & Control of Pollution) Act' 74 and Air (Prevention & Control of Pollution) Act' 81.
- vi. 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 RPCB/CPCB or under the Environment (Protection) Rules' 86 from time to time.
- vii. 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.
- viii. Continuous stack monitoring facilities to monitor gaseous emissions from all the stacks shall be provided to control emissions within 50 mg/NM³ by installing adequate air pollution control system like bag filters, dust collectors etc. Interlocking facility shall be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit (s) is shut down automatically
- ix. The PP shall install adequate dust collection and extraction system to control fugitive dust emissions at loading/unloading points and at all the transfer points. For source emission control, bag filters shall be provided on clinker hopper, cement silo, fly ash silo, elevator; packer; cement transport equipment etc which will also contribute to reduce fugitive emissions. The fugitive emissions during loading and unloading shall be suitably controlled. Fugitive dust emissions from ball mill and storage areas shall be collected in bag filters and recycled back to the process. Storage of raw material shall be in closed roof sheds. Water sprinkling arrangement shall be made in the raw material stock yard and cement bag loading areas.
- x. The project proponent shall submit an Air pollution control plan indicating various sources of air pollution, their emission rate, the control established and details of controls etc.
- xi. Ambient air quality monitoring stations shall be set up in consultation with RPCB in the down wind direction as well as where maximum ground level concentration of PM₁₀ & PM_{2.5}, SO_x, NO_x, CO, CO₂, are anticipated.
- xii. Portholes and sampling facilities shall be provided for the stacks emissions monitoring as per the Central Pollution Control Board guidelines. Stack emissions shall be monitored in consultation with RPCB.
- xiii. Data on ambient air quality and stack emissions shall be submitted to RPCB once in six months carried out by MOEF/NABL/CPCB/Government approved lab.
- xiv. Fugitive dust emissions shall be controlled as per relevant guidelines issued by CPCB.
- xv. The PP shall provide separate drainage and outlets for the management of storm water.
- xvi. 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).
- xvii. The PP shall take adequate measures for the control of noise shall be taken so as to keep the noise levels below 85 dBA in the work environment. Persons working near the machines shall be provided with well-designed ear muffs/plugs and other personnel protective equipments.
- xviii. Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point shall be established.
- xix. 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.
- xx. A qualified person in the field of environment or separate Environmental Management Cell shall 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.
- xxi. As envisaged under the Environmental Management Plan, the PP shall earmark an amount of Rs. 1.41 lacs towards initial capital cost and Rs. 0.60 lac towards annual recurring cost of implementing the Environmental Protection Measures. 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 RPCB under the rules prescribed for environmental audit.
- xxii. Implementation of the environmental safeguards like fire fighting, water harvesting etc. along with socio economic measures like group insurance, free medical facilities, ESI/EPF facilities to the employees as envisaged under the Environmental Management Plan; details are to be submitted to the Rajasthan Pollution Control Board, at the time of applying for consent to establish/operate.
- xxiii. As committed the PP shall earmark an initial amount of Rs. 4.05 lacs towards capital cost and Rs. 20,000 per year for total 5 years annual maintenance cost for implementing various activities under CSR action plan. The

- activities would include proposed Drinking Water facilities' (in 5 Govt. School in Behror), providing Toilets & Urinals and First aid facility in Schools, and maintenance of these facilities. Total budget provision under CSR activities would be Rs. 5.05 lacs Item wise break up in this regard may be submitted to RPCB at the time of applying for CTE.
- xxiv. 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.
- xxv. Six monthly compliance status reports on project along with implementation of environmental measures shall be submitted to SEIAA, Rajasthan, MoEF, Regional Office, Lucknow and Rajasthan State Pollution Control Board.
- xxvi. The SEIAA, Rajasthan reserves the right to add new conditions, modify/annual any of the stipulated conditions and/or to revoke the clearance if implementation of any of the condition stipulated by SEIAA, Rajasthan or any other competent authorities is not satisfactory.
- xxvii. 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.
- xxviii. 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 environmental clearance and a copy shall also be forwarded to the SEIAA, Rajasthan and Regional Office, Jaipur(S) of the Board.
- xxix. 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.
- xxx. 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.
- xxxi. Environment clearance is subject to final order of the Hon'ble 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,

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(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.

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M.S. SEIAA (Rajasthan)