

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Dr. Bhim Rao Ambedkar Paryavaran Parisar
Vineet Khand-1, Gomti Nagar, Lucknow - 226 010
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Ref.: 980 /Parya/SEAC/1543/2013/JDCA(S)

Dated: 06 Aug 2013

To,

Mr. Arvind Pathak, CEO,
Reliance Cement Company Pvt. Ltd.,
Dhirubai Ambani Knowledge City,
E Block, 1st Floor, Wing-3,
Thane Belapur Road, Koparkhairane
Navi Mumbai- 400710

Sub: Regarding Environmental Clearance for proposed Installation of One additional Cement mill at Cement Grinding & Ready-mix concrete plant at Kundanganj, Raibareli, U.P. of M/s Reliance Cement Company Pvt. Ltd.

Dear Sir,

Please refer to your letter No. RCC/UP/GU&RMC/EC-4 dated 18-02-2013, Letter No. RCC/UP/GU&RMC/EC-5 dated 19/03/2013, letter No. Nil dated 20/04/2013, and letter No. RCC/UP/GU&RMC/EC-5 dated 01/05/2013 addressed to the Secretary, SEAC, Directorate of Environment, Lucknow. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 29/04/2012 & 30/05/2013. The case was presented by the M/s Vimta Labs, along with the representative Mr. A.K. Singh of the project proponent.

The project proponent, through documents (Form-1, Pre-Feasibility Study, Comprehensive EIA regarding the project and predicted cumulative incremental concentrations due to installation of additional cement mill) and presentations made, has informed to SEAC that:

1. The Environmental Clearance is sought for installation of one additional cement mill at exiting unit.
2. The Project proposal falls under category 3(b) of EIA Notification, 2006 (as amended) and will be located at Karanpur near Kundanganj, Maharajganj, District-Raebareli, U.P.
3. The total plant area is 34 ha. No additional land is required as the proposed project will be located in the existing plant premises.
4. Existing capacity of production is 2.0 MTPA of cement. Proposed plant capacity is 1.0 MTPA. Total production capacity will be 3.0 MTPA of cement.
5. One cement silo of capacity of 8000 T will be provided for storage of goods or materials.
6. The total water requirement is proposed as 675 cum/day to be met from ground water.
7. Additional man power required is around 60 persons.
8. The project site falls in Seismic zone-III as per IS1893 (Part-I): 2002. Hence, seismically it is a moderate zone.
9. Ground water occurs at about 8-10 m. below ground level.
10. Total power requirement for additional cement grinding and packing will be 16 MW which is to be supplied by UPRVUN.

11. Quantity of Raw material required is propose as follows:

Raw material required	Quantity (MTPA)			Source
	Existing (2.0 MTPA)	Proposed (1.0 MTPA)	Total (3.0 MTPA)	
Clinker	1.2	0.6	1.8	Green field Integrated Cement Plant of RCC- Maihar Dist. Satna
Gypsum	0.1	0.05	0.15	Rajasthan Mines
Fly ash	0.7	0.35	1.05	Rosa Thermal Power Station and nearby sources
Total	2.0	1.0	3.0	--

Based on the recommendation of the SEAC meeting dated 30/05/2013 the SEIAA in its meeting dated 27/06/2013 has agreed to grant the Environment Clearance to the proposed project with all General and Specific Conditions stipulated earlier for the project through letter 2471/SEAC/339/201/AA(S) dated 31/10/2011 (Annexure-1) and following additional specific conditions:

Specific Conditions:

1. Environmental Corporate Responsibility (ECR) plan along with budgetary provision amounting to 2% of total project cost shall be submitted (within the month) on need base assessment study in the study area. Income generating measures which can help in upliftment of weaker section of society consistent with the traditional skills of the people identified. The programme can include activities such as old age homes, rain water harvesting provisions in nearby areas, development of fodder farm, fruit bearing orchards, vocational training etc. In addition, vocational training for individuals shall be imparted so that poor section of society can take up self-employment and jobs. Separate budget for community development activities like Solar Lights, Wet toilets, Non-fertile/Waste Land reclamation as major part of the CSR and income generating programmers shall be specified.
2. For the treatment for total sewage a full-fledged STP is to be provided with 20% more capacity than waste water generated during operation phase. 100% waste water is to be treated in captive STP conforming to prescribed standards of receiving body for designated use. Monitoring of STP to be done daily till its stabilizations than weekly.
3. STP to be constructed during construction phase and treated waste water to be used for construction.
4. Dedicated power supply for STPs is to be ensured. During operation sludge of STP is to be used in house and surplus manure should be managed by giving to end users.
5. 33% of total plot area should be developed as Green belt as per CPCB Norms.
6. Safety measures for the people working at the site shall be duly taken care of as per law and should be covered under group insurance scheme/ESI.
7. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
8. Wheel wash arrangement is to be made at exit point during construction phase.
9. Trees should be planted on 3 rows on the periphery. At least 50% of tree should be ever green.

You are also directed to ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be invalid and cancelled. Also, in the event of any dispute on ownership of the proposed site, this permission shall automatically deem to be invalid and cancelled.

The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act,

E.C. for proposed Installation of One additional Cement mill at Cement Grinding & Ready-mix concrete plant at Kundanganj, Raibareli, U.P.

1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance.

The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provision of Gazette Notification No. S.O. 1533(E) dated 14-09-2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



(J. S. Yadav)

Member Secretary, SEIAA

No. /Parya/SEAC/1543/2013/JDCA(S) as above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Dr. P.L. Ahuja Rai, Advisor, IA Division, Ministry of Environment & Forests, Govt. of India, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi.
3. Chief Conservator, Ministry of Environment & Forests, Regional Office (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, PICUP Bhawan, Gomti Nagar, Lucknow.
5. District Magistrate, Raibareli, U.P.
6. Assistant Director, Environment Directorate, Lucknow.
7. Copy for Web Master/Guard File


(O.P. Varma)

Director (I/C)/Secretary SEAC,
Directorate of Environment, U.P.

4/1/10 ANNEAURE-1

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Dr. Bhim Rao Ambedkar Paryavaran Parisar

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Website : www.seiaaup.com

Ref.No. 2477/SEAC/339/2010/AA(S)

To,

Mr. Arvind Pathak,
Business Head - Cement
M/s Reliance Cementation Pvt. Ltd
1st floor, I-Block,
Dhirubhai Ambani Knowledge City, Koparkhairane,
Navi Mumbai-400710

31/10
Date.....October, 2011

Sub: Regarding the Environmental Clearance for Cement Grinding & Ready Mix Concrete Plant near Bachhraon, Raibareli, U.P. of M/s Reliance Cementation Pvt. Ltd.

Dear Sir,

Please refer to your letter no. RCPL/Env/SEAC-UP/GU-RMC dated 15/3/10, 27/12/2010, 07/03/2011, 30/06/2011 & 7/09/2011 addressed to the Secretary, SEAC & Director, Directorate of Environment, Govt. of U.P. Dr. Bhimrao Ambedkar Paryavaran Parisar, Vineet Khand-1, Gomti Nagar, Lucknow on the subject as above. The State Level Expert Appraisal Committee has considered the case in the meetings held on 29/4/2011, 04/7/11 & 26/9/2011 and has been given to understand that:

1. Environmental clearance is sought for Cement Grinding (2.0 MTA) & Ready Mix Concrete (60m³/hr.capacity) Plant of M/s Reliance Cementation Pvt. Ltd. at Kundanganj near Bachhraon, Raibareli, U.P.
2. The raw mix in the proposed cement plant will utilise 30% solid wastes viz fly ash generated from the Roza Power Plant, 65% clinker out sourced procured from the integrated cement plants and 5% gypsum from mines and will be packed as Portland Pozzolana Cement (PPC). The Ready Mix Concrete unit will operate subject to demand.
3. The manufacturing process at the proposed cement plant, which will be a cement grinding and Ready Mix Concrete unit does not generate any flue gas emission from fuel burning.
4. All transfers points at the railway siding and in the manufacturing process shall be provided with bag filters.
5. The proposals are covered under category 3b of EIA notification dated 14/09/06.

Based on the recommendations of the State Level Expert Appraisal Committee (77th meeting held on 26/9/2011), the State Level Environment Impact Assessment Authority (43rd meeting held on 7/10/2011) has decided to grant the Environmental Clearance to the project subject to the effective implementation of the following conditions and specific conditions:

a. General Conditions

1. "Consent for Establishment" shall be obtained from U P Pollution Control Board and a copy shall be furnished to the SEIAA, U P before taking up of any construction activity at the site.
2. Adequate dust extraction and dust suppression system in dusty areas such as in handling points, transfer areas and other vulnerable dusty areas shall be provided.

EC for "Cement Grinding & Ready Mix Concrete Plant near Bachhraon, Raibareli, U.P. of M/s Reliance Cementation Pvt. Ltd.

3. Rain water harvesting should be adopted. Central Groundwater Authority/ Board shall be consulted for finalization of appropriate rain water harvesting technology within a period of three months from the date of clearance and details shall be furnished.
4. Appropriate safeguard measures to guard against fire hazards shall be undertaken.
5. A green belt of adequate width and density shall be developed around the plant periphery covering minimum 1/3 of project area preferably with local species.
6. First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.
7. Regular monitoring of ground level concentration of SO₂, NO_x and RSPM (PM10 and PM2.5) with respect to NAAQ norms including chlorine at work zone shall be carried in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with UPPCB. Six monthly reports shall be submitted to the Regional Office of this Ministry at Lucknow.
8. The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the SEIAA at <http://www.seiaaup.com>.
9. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
10. Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to this Ministry/ Regional Office/UPPCB.
11. Regional Office of the Ministry of Environment & Forests located at Lucknow will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
12. 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 the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.
13. The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure.
14. Full cooperation shall be extended to UPPCB/MOEF officers who would be monitoring the compliance of environmental status.
15. In case of any deviation or alteration in the project proposed from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy of the conditions imposed and to add additional environmental protection measures required, if any.
16. The comprehensive EIA would be carried out and submitted to the SEIAA, UP by Jan, 2013.
17. Ambient Air Quality data should be generated for 03 months period with respect to PM 2.5, PM 10 and CO excluding monsoon period. The monitoring is to be done twice a week and each sampling location and report along with detail of the sampler with date of last calibration be submitted within 04 months from the issuance of the letter failing which the Environmental Clearance will deemed to be cancelled.
18. Project proponents shall endeavor to obtain ISO: 14001 certification. All general and specific conditions mentioned under this environmental clearance should be included into

EC for "Cement Grinding & Ready Mix Concrete Plant near Bachhraon, Raibareli, U.P. of M/s Reliance Cementation Pvt. Ltd.

- Environmental manual prepared for the certification purpose and to be complied with.
19. 2% of the total project cost should be reserved to create a corpus of funds for implementing management plan under Social, Corporate and environmental responsibility and a proposal in this regard is to be submitted within a month from issuance of Environment Clearance .

b. Specific Conditions


- 1) The project proponent directed to ensure that the water body within the factory area will be preserved and developed.
- 2) Detailed analysis of Impact on agriculture should be included in comprehensive EIA.
- 3) Reclaim the Usar land in the nearby area be reclaimed to the tone of 200% of prim agriculture land used in the project.
- 4) In CSR promote the cultivation with specific reference to indigenous variety of paddy (Rice) "Badshah Pasand" in surrounding areas besides other programmes.
- 5) Examine the possibility of minimizing water for quenching and the use of cool air quenching.
- 6) Analysis report for metals and coliform along with a soil testing report be submitted.
- 7) Submitted the paper of land acquisition and possession.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance letter. Failing this, the environmental Clearance shall be deemed to be cancelled.

Necessary statutory clearances should be obtained and submitted before start of any construction activity. In the event of the violation of the condition the environmental clearance shall be automatically deemed to have been cancelled.

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 including the amendments and rules made thereafter.


This is to request you to take further necessary action in matter as per provision of Gazette Notification No. S.O. 1533(E) dated 14.9.2006 and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Dr. C.S. Bhatt)
Member Secretary,
SEIAA

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Copy for necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Dr. Nalini Bhatt, Advisor, Ministry of Environment & Forests, Govt. of India, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi.
3. Chief Conservator, Ministry of Environment & Forests, Regional Office (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, PICUP Bhawan, Gomti Nagar, Lucknow:


(O.P. Verma)

Director(I/c), Directorate of
Environment & Secretary, SEAC

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