

F.No.11-91/2012-IA-III
Government of India
Ministry of Environment & Forests
(IA-III Division)

Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi - 110 003

Dated: 22nd July, 2013

To
Vice President (Projects),
M/s Zuari Cement Ltd.,
No.1, 10th Main, Jeevan Bhima Nagar,
Bengaluru - 560 071

Subject: CRZ Clearance for Cement Packing Terminal at Cochin Port,
Kerala by M/s Zuari Cement Ltd - Reg.

This has reference to letter No. 1706/A2/12/KCZMA/S&TD dated 29.11.2012 of the Member Secretary, Kerala Coastal Zone Management Authority forwarding your proposal and your letter dated 13.03.2013 for seeking prior CRZ Clearance under the Coastal Regulation Zone (CRZ) Notification, 2011. The proposal has been appraised as per prescribed procedure in the light of provisions under the Coastal Regulation Zone Notification, 2011 on the basis of the mandatory documents enclosed with the application viz., the Questionnaire, recommendation of State Coastal Zone Management Authority, the additional clarifications furnished in response to the observations of the Expert Appraisal Committee constituted by the competent authority in its meeting held on 20th - 21st December, 2012.

2. It is interalia, noted that the project involves Cement Packing Terminal at Cochin Port with a storing, packing and dispatching capacity of 1.0 Million Tons per Annum (MTPA). The handling facility directly pumps the cement from the vessel to the cement silos at the terminal and is packed and distributed. The proposed site falls in SF No. 2578 part 4 of Thoppumpady village (Willingdon Island) in Kochi Taluka (within the limit of Cochin Corporation), Ernakulam District, Kerala within the designated port. Cement produced at ZCL Cement Plants will be transported via sea route by bulk carriers to Cochin Port. Cement from bulk carriers will be directly unloaded into Cement storage Silos pneumatically with the help of ship unloader installed on shore or self unloading vessel. Cement stored in silos will be further conveyed to packing plant by means of air slides and bucket elevator. Packing operation will be carried out by latest state-of-art technology electronic rotary packer followed by loading into trucks by truck loading machines. In the series of operations, the cement is not exposed to atmosphere at any point of time and the total operation is carried out in an environmental friendly manner (No spillages/fugitive Emissions). Adequate pollution control equipments viz. effective bag filters are proposed for cement storage silos and packing unit to control the dust emission <50 mg/Nm³.



The cement would be packed in HDPE/paper bags. There are no manufacturing activities involved only handling, storing and bagging of cement will be carried out from this Facility. The total cost of the project is Rs. 98.00 crores.

3. Cochin Port Trust Board vide Resolution No. 64 dated 16.08.2012 has resolved to approve the offer of Zuari Cement Ltd (ZCL) subject to the approval of Ministry of Shipping, Government of India for the allotment of 2.40 Ha of land for setting up facilities for handling bulk cement and bagging plant behind Q5 Berth at Ernakulam Wharf on Willingdon island.

4. Kerala Coastal Zone Management Authority recommended the proposal vide letter No. 1706/A2/12/KCZMA/S&TD dated 29.11.2012.

5. The Expert Appraisal Committee, after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations, have recommended for the grant of CRZ Clearance for the project. Accordingly, the Ministry hereby accords necessary CRZ Clearance for the above project as per the provisions of CRZ Notification, 2011 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

6. SPECIFIC CONDITIONS:

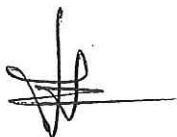
- (i) "Consent for Establishment" shall be obtained from Kerala Pollution Control Committee under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.
- (ii) Cement silo shall be equipped with high efficiency bag filters with pre-collector baffle plates.
- (iii) The cement from cement silos shall be extracted using closed screw conveyors and transported to packing plant.
- (iv) All the recommendation of the EIA/EMP including revised EMP dated 13.03.2013 shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to MoEF along with half yearly compliance report to MoEF-RO.
- (v) Packaging units should be outside the CRZ area.
- (vi) Construction shall be carried out strictly as per the provisions of CRZ Notification, 2011. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area



- (vii) There shall be no disposal of solid and liquid wastes in to the Coastal areas.
- (viii) There shall be no ground water drawal within CRZ area.
- (ix) Installation and operation of DG set if any shall comply with the guidelines of CPCB. The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken
- (x) Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.

7. General Conditions:

- (i) The construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration, meticulously conforming to the existing local and Central rules and regulations including the provisions of Coastal Regulation Zone Notification 2011 and the approved Coastal Zone Management Plan of Kerala.
- (ii) Full support shall be extended to the officers of this Ministry/ Regional Office at Bangaluru by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.
- (iii) A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bangaluru regarding the implementation of the stipulated conditions.
- (iv) Ministry of Environment & Forests or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.
- (v) The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.
- (vi) In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment and Forests.



(vii) The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.

(viii) A copy of the clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been made received while processing the proposal.

(ix) State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office/Tehsildar's office for 30 days.

8. 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 1994, including the amendments and rules made thereafter.

9. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.

10. The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded CRZ Clearance and copies of clearance letters are available with the Kerala Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at <http://www.envfor.nic.in>. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bangaluru.

11. This 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 2004 as may be applicable to this project.

12. Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

13. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.



14. The proponent shall upload the status of compliance of the stipulated Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.


15. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

16. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.


(Lalit Kapur)
Director (IA-III)

Copy to:

- (1) The Secretary, Department of Environment, Government of Kerala, Thiruvananthapuram, Kerala.
- (2) The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110 032.
- (3) The Member Secretary, Kerala State Pollution Control Board, Plamoodu Junction, Pattom Palace, P.O. Thiruvananthapuram - 695 004, Kerala.
- (4) The CCF, Regional Office, Ministry of Environment & Forests(SZ), Kendriya Sadan, IVth floor, E&F wings, 17th Main Road, Koramangala II Block, Bangalore - 560 034.
- (5) IA - Division, Monitoring Cell, MOEF, New Delhi - 110003.
- (6) Guard file.


(Lalit Kapur)
Director (IA-III)