

SN. 4 (D)

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No. 10-42/2009-IA.III  
Government of India  
Ministry of Environment & Forests  
(IA Division)

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

Dated: 22<sup>nd</sup> September, 2009.

To  
M/s. Karaikal Port Private Limited,  
'Marg Axis', 4/318, Rajiv Gandhi Road,  
Kottivakkam,  
Chennai - 600 041,  
Tamil Nadu.

Subject: Environmental and CRZ clearance for expansion of  
Karaikal Port (Phase-II) at Puducherry by M/s. Karaikal  
Port Pvt. Ltd. - Reg.

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This has reference to your application No: nil, dated 06.05.2009 seeking prior Environmental and CRZ Clearance for the above project under the EIA Notification - 2006 and CRZ Notification, 1991. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification - 2006 and CRZ Notification, 1991 on the basis of the mandatory documents enclosed with the application viz., the Questionnaire, EIA, EMP and the additional clarifications furnished in response to the observations of the Expert Appraisal Committee constituted by the competent authority in its meetings held on 20<sup>th</sup> - 22<sup>nd</sup> July, 2009.

2. The Environmental Clearance for the development of Phase-I of Karaikal Port was accorded on 06.05.2006. The total area of the Port is 243 ha. The location is 10°50'N latitude and 79°51'E longitude. There are two rivers joining the sea near the Port, river Pravadayananar on the North and river Vettar on the South. The Phase-I of the project involved the construction of breakwaters, berths, a dredged navigational channel, construction of various buildings including warehouses and control tower in the first phase of development.

3. The present proposal (Phase-II) involves the construction of additional 3 berths, enhancement of handling capacity from 4 MMTPA to 20.5 MMTPA. Deepening and widening of the navigational channel, turning circle and berthing area. The total length of the additional 3 berths is approximately 705 m (Berth No.3 - Coal Berth, 300 m.; Berth No.7 - Edible Oil/Multipurpose, 255 m.; Berth No.9 - OSV/PSV, 150 m.). In the present development, the diameter of the turning circle will be increased to 500 m. and the depth to 15.5 m. The length of the approach channel will be increased to 9750 m. upto -16.5 m. contour.

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The inner and the outer channel will be dredged upto -15.5 / -16.5 m. respectively. The width of the approach channel will be extended to 250 m. It is proposed to carry out dredging in the dock basin, turning circle and inner, outer channel areas. The total quantity of dredging to be done under phase II is estimated to be 20.5 m cbm (including 1.8 m cbm of maintenance dredging which is capitalized). Out of which 15 million m<sup>3</sup> is proposed to be disposed offshore and 5 million m<sup>3</sup> for reclamation and beach nourishment. The total water requirement proposed is 350 KLD. Desalination RO water will be sources for port use for Phase-II. The capacity of STP proposed is 50 KLD. Waste water treatment facility is being set up within the port area and the treated water will be used for green belt development. Solid waste will be disposed off as per the prescribed solid waste management guidelines. The total energy requirement for the port will be 6 - 8 MW and will be sourced from the State Electricity Board. The proposal does not involve any further acquisition of land. About 50,000 trees are proposed within the port limits and 1,00,000 trees around the port.

4. The project falls under activity 7(e) "Port and Harbours" of EIA Notification 2006 and also attracts CRZ Notification 1991, falls under CRZ-III. The Puducherry Coastal Zone Management Authority has discussed the project in its meeting held on 12.02.2009 and recommended for the issue of CRZ Clearance vide letter No. DSTE/PCZMA/NOC/JE/2009/3092, dated 20.02.2009.

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 Environmental and CRZ Clearance for the project. Accordingly, the Ministry hereby accord necessary Environmental and CRZ Clearance for the above project as per the provisions of EIA Notification, 2006 and CRZ Notification, 1991 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

**6. Specific Conditions:**

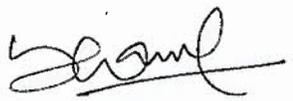
- (i) The quality of river water of both the rivers shall be re-assessed and report shall be submitted to the Ministry within three months.
- (ii) No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.
- (iii) Washing from Auction Hall /Sewage shall be treated and the Treatment Facility shall be provided in accordance with the Coastal Regulation Zone Notification, 1991. The disposal of treated water shall confirm the regulation of Puducherry Pollution Control Board.



- (iv) Putrefied and discarded parts of fishes shall be removed and disposed off in the approved landfill/used as manure/poultry feed.
- (v) Oil spills if any shall be properly collected and disposed as per the Rules.
- (vi) The approach channel shall be properly demarcated with lighted buoys for safe navigation and adequate traffic control guidelines shall be framed. The fishermen shall be suitably educated and informed about the traffic guidelines.
- (vii) The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
- (viii) The project proponent shall take up mangrove plantation/green belt in the project area, wherever possible. Adequate budget shall be provided in the Environment Management Plan for such mangrove development.
- (ix) The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.

**7. General Conditions:**

- (i) Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during the construction phase of the project to avoid any damage to the environment.
- (ii) Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.
- (iii) Borrow sites for each quarry sites for road construction material and dump sites must be identified keeping in view the following:
  - (a) No excavation or dumping on private property is carried out without written consent of the owner.
  - (b) No excavation or dumping shall be allowed on wetlands, forest areas or other ecologically valuable or sensitive locations.



- (c) Excavation work shall be done in close consultation with the Soil Conservation and Watershed Development Agencies working in the area, and
- (d) Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such materials must be secured so that they shall not leach into the ground water.
- (iv) The construction material shall be obtained only from approved quarries. In case new quarries are to be opened, specific approvals from the competent authority shall be obtained in this regard.
- (v) Adequate precautions shall be taken during transportation of the construction material so that it does not affect the environment adversely.
- (vi) Full support shall be extended to the officers of this Ministry/Regional Office at Bangalore 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.
- (vii) 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.
- (viii) The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.
- (ix) 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.
- (x) 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.
- (xi) Puducherry Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Center 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 Environmental Clearance and copies of clearance letters are available with the Puducherry 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 Bangalore.

11. Environmental 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 Environmental Clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

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.

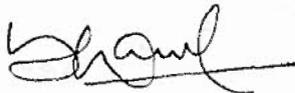
14. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.



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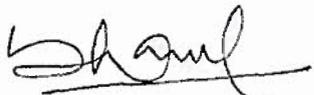
15. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

16. The environmental statement for each financial year ending 31<sup>st</sup> 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.

  
**(Bharat Bhushan)**  
**Director (IA-III)**

Copy to:

- (1) The Secretary, Department of Environment, Government of Puducherry, Puducherry.
- (2) The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110 032.
- (3) The Member Secretary, Puducherry Coastal Zone Management Authority and Department of Science, Technology & Environment, Government of Puducherry, Anna Nagar, Puducherry - 5.
- (4) The Member Secretary, Puducherry Pollution Control Board, Puducherry.
- (5) The CCF, Regional Office, Ministry of Environment & Forests(SZ), Kendriya Sadan, IVth floor, E&F wings, 17<sup>th</sup> Main Road, Koramangala II Block, Bangalore - 560 034.
- (6) IA - Division, Monitoring Cell, MOEF, New Delhi - 110 003.
- (7) Guard file.

  
**(Bharat Bhushan)**  
**Director (IA-III)**

 22.09.2008