

**F.No.10-127/2007-IA.III**  
Government of India  
Ministry of Environment, Forest & Climate Change  
(IA.III Section)

Indira Paryavaran Bhawan,  
Jor Bag Road, Aliganj,  
New Delhi - 110 003.

Dated: 20<sup>th</sup> March, 2015

**To**  
**The Chief Engineer,**  
M/s Chennai Port Trust  
Administrative Office,  
Rajaji Salai, Chennai - 600 001

**Subject: Development of Mega Container Terminal at Chennai Port, Tamil Nadu by M/s Chennai Port Trust - Environmental & CRZ Clearance - Reg.**

Sir,

This is with reference to your letter no. Nil dated Nil and subsequent letter dated 29.01.2015 seeking prior Environmental and CRZ Clearance on the above-mentioned subject.

2. The Ministry of Environment, Forests & Climate Change has considered the application. It is noted that the proposal is for grant of Environmental and CRZ Clearance for **Development of Mega Container Terminal at Chennai Port, Tamil Nadu by M/s Chennai Port Trust**. The proposal was considered by the EAC in its meetings held on 20<sup>th</sup> - 22<sup>nd</sup> October, 2010, 18<sup>th</sup> - 20<sup>th</sup> January, 2011, 11<sup>th</sup> - 12<sup>th</sup> May, 2011, 23<sup>rd</sup> - 24<sup>th</sup> June, 2011; and reconsidered on 28<sup>th</sup> February, 2014 - 1<sup>st</sup> March, 2014. The proponent has informed that:

- i. The Chennai Port located at 13° 0' N & 82° 18' E on the East Coast of India, is one of the Major Ports in India.
- ii. The Port has two dedicated Container Terminals. One is 885 m length with an alongside draft of (-) 13.4 m CD which has been operated since August 2001 by a private consortium under a 30 years lease/concession agreement. The rated capacity of the terminal is 1.20 Million TEUs per annum. The second Container Terminal is 820 m quay length of 820 m with an alongside draft of (-) 12 m CD which has been operated since September 2009. The rated capacity of the Terminal is 1 Million TEUs per annum. However, considering the steady growth in the container volumes, it is forecast that the container throughput demand will outstrip available capacity of 2.2 million TEUs by 2016-17.
- iii. The present proposal involves development of Mega Container Terminal at Chennai Port, Tamil Nadu. It is proposed to develop a container terminal at the new outer harbour, with a quay length of 2 km, 2.75 Km extension of existing outer arm breakwater and a new northern

- breakwater of about 1.73 km emanating from the Eastern Breakwater of the Fishing Harbour.
- iv. The proposed initial depth in front of the new terminal is (-) 18 m CD initially and (-) 22 m CD later on.
  - v. The 90 Hectares of land area behind the terminal will be the back-up and storage area which has to be reclaimed by using the dredged material. The estimated rated capacity of the Terminal is 4 Million TEUs.
  - vi. The estimate cost of the project is Rs. 3686 Crores.
  - vii. **Approvals:** The Tamil Nadu Coastal Zone Management Authority (TNCZMA) has recommended the proposal vide letter no. 12862/EC3/2011-4 dated 23.11.2012.
  - viii. The project was considered by EAC in 59<sup>th</sup> meeting held on 29<sup>th</sup> – 30<sup>th</sup> November, 2007 and approved the draft ToR and suggested additional ToR for preparing draft EIA report. The Committee exempted Public Hearing.

3. The project proponent submitted EIA report to MoEF during August, 2010 and EAC appraised the proposal in its meetings held on 20<sup>th</sup> – 22<sup>nd</sup> October, 2010, 18<sup>th</sup> – 20<sup>th</sup> January, 2011, 11<sup>th</sup> – 12<sup>th</sup> May, 2011 and recommend for grant of EC. However, the CRZ clearance based on CRZ Notification, 2011 was discussed by the EAC in its meeting held on 23<sup>rd</sup> – 24<sup>th</sup> June, 2011 & deferred the proposal till the SCZMA's recommendation is submitted. Ministry vide letter dated 06.06.2011 requested the HTL/LTL map and the recommendation of the SCZMA. The Tamil Nadu Coastal Zone Management Authority (TNCZMA) has recommended the proposal vide letter no. 12862/EC3/2011-4 dated 23.11.2012.

4. The proposal was considered by the Expert Appraisal Committee (EAC) and recommended in its meeting held on 28<sup>th</sup> February, 2014 - 1<sup>st</sup> March, 2014 for granting Environmental and CRZ Clearance. The Ministry of Environment, Forests & Climate Change hereby accords Environmental and CRZ Clearance for the above-mentioned **Development of Mega Container Terminal at Chennai Port, Tamil Nadu by M/s Chennai Port Trust** under the provisions of the Environment Impact Assessment Notification, 2006 and CRZ Notification, 2011 and amendments thereto and Circulars issued thereon and subject to the compliance of the following specific conditions, in addition to the general conditions mentioned below:

**A. SPECIFIC CONDITIONS:**

- (i) "Consent for Establishment" shall be obtained from State Pollution Control Board under Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and Control of Pollution) Act, 1974.
- (ii) Justification regarding quantity of water which is available for the port purpose and the quantity required for construction purpose shall be submitted to the Ministry before commencement.
- (iii) The disposal of the dredged material shall be according to the locations proposed in the EIA report.

- (iv) Weigh in motion (WIM) or similar Dynamic Weighing System on EMRIP road shall be considered.
- (v) Pavement shall be designed as per guidelines stipulated under IRC 37:2001 for roads. Bridges shall be designed for IRC 70R loading as per guidelines stipulated under IRC 6:2000 which will take care of trailer traffic.
- (vi) Service road of 5.5m on either side shall be provided for EMRIP road and 7 m with 1.10 m paver block shoulder on either side shall be provided for TPP road.
- (vii) All the recommendation of the EIA/EMP & Risk Assessment and Disaster Management Report 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.
- (viii) All the recommendations and conditions stipulated by Tamil Nadu Coastal Zone Management Authority (TNCZMA) No. 12862/EC3/2011-4 dated 23.11.2012, shall be complied with.
- (ix) Stones for the construction of groynes shall be obtained only from approved quarries.
- (x) 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.
- (xi) Corporate Environment Responsibility:
  - a) The Company shall have a well laid down Environment Policy approved by the Board of Directors.
  - b) The Environment Policy shall prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions.
  - c) The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.
  - d) To have proper checks and balances, the company shall have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.

**B. GENERAL CONDITIONS:**

- (i) Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.
- (ii) Full support shall be extended to the officers of this Ministry/ Regional Office at Chennai 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 Chennai regarding the implementation of the stipulated conditions.
- (iv) Ministry of Environment, Forests & Climate Change 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, Forests & Climate Change.
- (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) Full support should be extended to the officers of this Ministry's Regional Office at Chennai and the offices of the Central and Tamil Nadu State Pollution Control Board by the project proponents during their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.
- (x) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.

5. 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.

6. 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.

7. 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 and CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forests & Climate Change at <http://www.envfor.nic.in>. The advertisement should be made within Seven 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 Chennai.

8. 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.


9. Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.

10. 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.

11. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/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.

12. 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&CC, the respective Zonal Office of CPCB and the SPCB.

13. 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 Clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.

  
(Dr. Ranjini Warriar)  
Director

Copy to:

1. The Secretary, Environment & Forests Department, Govt. of Tamil Nadu, Saint Geroge Port, Chennai.

2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110 032.
3. The Member Secretary, Tamil Nadu State Pollution Control Board, Chennai.
4. The Director, Environment Department, Govt. of Tamil Nadu, Chennai.
5. Additional Principal CCF (C), Ministry of Environment, Forests and Climate Change, Regional Office, 1<sup>st</sup> Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai – 34.
6. Guard File.
7. Monitoring File.



**(Dr. Ranjini Warriar)**  
**Director**