

**F.No.11-91/2010-IA-III**  
**Government of India**  
**Ministry of Environment & Forests**  
**(IA Division)**

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

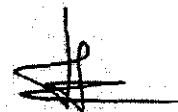
**Dated: 7<sup>th</sup> February, 2012.**

**To,**  
**M/s Gangavaram Port Ltd,**  
**Hansa Crest, 1st Floor,**  
**Plot No. 62, Road No.1,**  
**Jubilee Hills,**  
**Hyderabad**

**Subject: Environment and CRZ Clearance for the development of Phase -II of Gangavaram Port, Visakhapatnam District, Andhra Pradesh by M/s Gangavaram Port Ltd.-Reg.**

This has reference to letter No: GPL/EFS&T/014 dated 10.08.2010 seeking prior Environmental and CRZ Clearance for the above project under the EIA Notification - 2006 and Coastal Regulation Zone (CRZ) Notification, 1991. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification - 2006 and Coastal Regulation Zone Notification, 1991/2011 on the basis of the mandatory documents enclosed with the application viz., the Questionnaire, recommendation of State Coastal Zone Management Authority, EIA, EMP and the additional clarifications furnished in response to the observations of the Expert Appraisal Committee constituted by the competent authority in its meeting held on 17<sup>th</sup> -19<sup>th</sup> August, 2011.

2. It is interalia, noted that the proposal involves development of Phase -II of Gangavaram Port, Visakhapatnam District, Andhra Pradesh. Gangavaram Port is developed as all weather multipurpose deepest port in India to handle super cape size vessels located on the East coast of India approximately 15 km south of Visakhapatnam Port and acting like gateway port to the existing and green field projects in the hinterland. At Gangavaram Port presently five berths are under operation to handle variety of cargoes such as Coal / Iron ore, Fertilizer, Limestone, Food Grains, and Steel Products etc. It is proposed to expand the port facilities from 16.54 MTPA to 41 MTPA to cater for future cargo within the existing port premises at Gangavaram Village, Pedagantyada mandal, Visakhapatnam District, Andhra Pradesh. The existing Project already received Environmental Clearance under EIA & CRZ notifications vide letter No.10-14/2009-IA.III dt.19<sup>th</sup> March, 2010. The following facilities proposed to be planned at Gangavaram port to handle the above mentioned future traffic up to year 2015, (i) One mechanized coal berth to handle cape



size coal carrier and (ii) Three multipurpose berths to handle multipurpose/General cargo.

3. Dredging to the extent of 4.88 million cubic meters will be carried out in front of the berths and near the turning basin. The dredged material will be pumped onshore for reclamation of the port backup areas. The other associated facilities like Buildings, Storage, roads, railways, water, power, drainage, sewage, pollution control including Dust suppression system, greenery fire fighting system etc. are planned to be provided.

4. Additional Rail sidings will be developed within port premises to take on additional cargo evacuation. No additional land requirement as sufficient land is available within existing port premises. The water requirement will be 1000 m<sup>3</sup>/day in addition to existing 600 m<sup>3</sup>/day of Phase I and will be sourced from Visakha International Water Supply Company. The Power requirement will be 5 MVA in addition to 9 MVA of existing Phase - I and will be sourced from APTRANSCO. Adequate dust suppression measures will be installed in addition to existing sprayers. Zero waste water discharge shall be maintained by utilising treated waste water for dust suppression & green belt development. Total development green belt is 106 acres and further 40 acres will be developed before January, 2011. The total cost of the project is Rs. 800 crores.

5. ToR for the project was finalized by the EAC in its 94<sup>th</sup> Meeting held on 30 November, 1<sup>st</sup> -2<sup>nd</sup> December, 2010. Public Hearing was conducted on 12.05.2011 near the main Gate of the Port, Gangavaram.

6. The Andhra Pradesh Coastal zone Management Authority has recommended the project vide letter dated 3687/CZMA/2011 dated 27.07.2011.

7. 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 Clearance for the above project as per the provisions of Environmental Impact Assessment Notification - 2006 and Coastal Regulation Zone Notification, 2011, subject to strict compliance of the terms and conditions as follows:

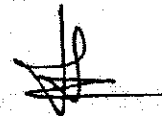
**8. SPECIFIC CONDITIONS :**

- (i) "Consent for Establishment" shall be obtained from State Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.
- (ii) As the development is conceived in several stages to reach the



full designed/planned capacity of the port, it shall be necessary to prepare and put in place a master EMP for the full scale development and fit in the phase-wise creations as modules forming part of the entire system. This shall facilitate a harmonious planning of environmental requirements to be put in place in a phased manner in accordance with preset goal and objective as outlined in the overall environmental plan for the port in its totality.

- (iii) The 4.88 million cum of dredged material shall be used for shore reclamation subject to its suitability. Any unsuitable/excess dredged material shall be disposed at dumpsite. Port shall identify suitable dumping spot for disposal of unsuitable material offshore on the basis of appropriate modeling study.
- (iv) The green belt area proposed is about 10 % only. Proponent shall enhance the area of green belt. Width of the green belt shall be minimum 50 m. The present stage of development of 40 acres of land for green belt which should have been completed before January 2011 shall be reported to the Ministry together with the programme adopted for implementation.
- (v) There will be a quantum jump of port traffic from the existing level of 16.54 MTPA to 41 MTPA after completion of the proposed developments and this is likely to register further leap when full scale planned capacity is reached later; it is therefore necessary even now to plan appropriate measures to ensure that will be no mismatch between the planned capacity and the external logistic requirements in the overall transportation chain/network commensurate with the demand. A long range vision would be necessary to achieve a smooth flow of cargo traffic both within and outside port limits.
- (vi) The Company shall enhance the allocation for the CSR activities from 2.5 to 5 % of the total cost and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Bangalore. Implementation of such program shall be ensured accordingly in a time bound manner.
- (vii) All the recommendation of the EMP and DMP shall be complied with letter and spirit.
- (viii) Construction activity 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.



- (ix) The project shall be executed in such a manner that there shall not be any disturbance to the fishing activity.
- (x) It shall be ensured that there is no displacement of people, houses or fishing activity as a result of the project.
- (xi) 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.
- (xii) The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.

**9. 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 Bengaluru 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 Bengaluru 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 Center and Collector's Office/Tehsildar's office for 30 days.

10. 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.

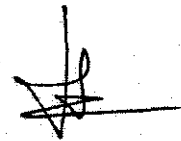
11. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective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

12. 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 State 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.

13. 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.

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

15. 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.



16. 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.

17. 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.

  
(Lalit Kapur)  
Director(IA-III)

Copy to:

- 1 The Chairman, Andhra Pradesh Coastal Zone Management Authority, IAS, Special Chief Secretary to Government, E.F.S & T. Department Government of Andhra, Pradesh Secretariat, Hyderabad-500 002
- 2 The Chairman, CPCB, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32.
- 3 The Member Secretary, Andhra Pradesh Coastal Zone Management Authority, IAS, Special Chief Secretary to Government, E.F.S & T. Department Government of Andhra, Pradesh Secretariat, Hyderabad-500 002
- 4 The Chairman, Andhra Pradesh Pollution Control Board, Paryarana Bhawan, A-III, Industrial Area , Sanathnagar, Hyderabad - 500 018, Andhra Pradesh.
5. The C.C.F., Regional Office (SZ), Ministry of Environment & Forests, Kendriya Sadan, IV Floor, Environment & Forests Wings, Office (SZ), 7th Main Road, II Block, Koramangala, Bangalore - 560 034.
6. Guard File.
7. Monitoring Cell.

(Lalit Kapur)  
Director(IA-III)