

**F.No.10-91/2009-IA.III**  
**Government of India**  
**Ministry of Environment & Forests**  
**(IA Division)**

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

**Dated: 5<sup>th</sup> June, 2012.**

**To**  
**M/s. Gujarat Pipavav Port Ltd.,**  
**Empire Industries Complex,**  
**Senapati Bapat Road, Lower Parel (W),**  
**Mumbai - 400 013.**

**Subject: Environmental and CRZ clearance for proposed expansion and modernization of Pipavav Port, Taluka Rajula, district- Amreli by M/s Gujarat Pipavav Port Ltd. -Reg.**

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This has reference to letter from Director (Environment) & Additional Secretary, Govt. of Gujarat No. ENV-10-2011-997-E dated 18.01.2012 seeking prior Environmental and CRZ Clearance for the above project under the EIA Notification - 2006 and Coastal Regulation Zone (CRZ) Notification, 2011. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification - 2006 and Coastal Regulation Zone Notification, 2011 on the basis of the mandatory documents enclosed with the application viz., the Questionnaire, recommendation of State Coastal Zone 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 5<sup>th</sup> - 7<sup>th</sup> March, 2012.

2. It is interalia, noted that the proposal involves expansion and modernization plan of Pipavav Port, which was established in 1998 and is, located 140 km off Bhavnagar. Port has 4 dry cargo berths, having a continuous quay length of around 725 m with a 4<sup>th</sup> Berth with an additional quay length of 350 meters and a LPG berth for handling liquid cargo and LPG. The port has developed a container storage yard on an area of 11 hectares and coal storage area is 17 ha. It has a deep draft of 14.5 meters. The Port handles more than 3 million tonnes of bulk and around 0.6 million teus containers per annum (2009). The proposed project envisages addition of 2450 m berth length for handling roughly 26 million tonnes of bulk and more than 3 million containers per annum. This port proposes to augment capacity of 4 Million teus container (3 berths and container yard storage area), bulk Quay length extension of current berth and storage yard area) and liquid cargo (2 berths including one relocation and back up liquid storage (tank farm) area). The capacity planned for Bulk 26 million tones, containers 4 million liquid including LPG, POL - 6 million tones per annum. Capital dredging proposed is 18 million cum and



maintenance dredging is 2 million cum. There will be no additional generation of solid and liquid wastes in port operation. Spill over of solid cargo is recollected and put back in stack yard. Domestic sewage is treated in the sewage treatment plant and used for manure. Waste generated during construction will be disposed of as per EMP. The estimated cost of project is Rs. 4000 Crore.

3. NIOT has studied several layouts for the expansion requirement using extensive field data and detailed mathematical modeling for waves, currents and sedimentation, and have identified the potential of developing the berths to the north east of the proposed Berth No.5 towards the Motapat Creek area.

4. The proposal was examined by the EAC in its meeting held on 23<sup>rd</sup> - 24<sup>th</sup> November, 2009 and finalized ToR including conduct of Public Hearing. Public hearing conducted on 12.05.2011 within the Port. Gujarat Coastal Zone Management Authority has recommended vide letter No. ENV-10-2011-997-E dated 18.01.2012.

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 and Environmental Clearance for the project. Accordingly, the Ministry hereby accord necessary CRZ Clearance and Environmental Clearance for the above project as per the provisions of Coastal Regulation Zone Notification, 2011 and EIA Notification, 2006, subject to strict compliance of the terms and conditions as follows:

**6. SPECIFIC CONDITIONS :**

- (i) "Consent for Establishment" shall be obtained from Gujarat 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) The dredge materials contain sand - 46%, Silt- 21% and Clay 33%. However, the proponent shall carryout chemical characteristics before disposal/ using it for reclamation to ensure its suitability and prevent any likely impact.
- (iii) The storm water management shall be put in place before the commencement of the activities. Storm management report with technical details shall be submitted to RO of MoEF within six months.
- (iv) The proponent shall provide minimum 100 m buffer from the mangroves. The existing mangroves shall be documented with latest satellite map and shall be submitted to RO, MoEF for compliance verification purpose.
- (v) Requisite clearances including clearance from Petroleum and



Explosives Safety Organisation (PESO) formerly Explosive Department, Nagpur shall be obtained for establishing tank farms. All relevant provisions of MSIHC Rules 1989 shall be complied.

- (vi) Green belt of not less than 33 % shall be developed and maintained all along the boundary.
- (vii) The dry cargo shall be unloaded in to hopper and from hopper it will be taken through closed conveyor system to the storage yards.
- (viii) Mitigation plan for handling the dusty cargo/ around storage yards as per presentation may be stipulated.
- (ix) There shall be no ground water drawal within CRZ area.
- (x) Sewage shall be treated and the Treatment Facility shall be provided in accordance with the Coastal Regulation Zone Notification, 2011. The disposal of treated water shall confirm the regulation of State Pollution Control Board.
- (xi) Solid waste Management shall be as per Municipal Solid (Management and Handling) Rules, 2000.
- (xii) The project shall be executed in such a manner that there shall not be any disturbance to the fishing activity.
- (xiii) It shall be ensured that there is no displacement of people, houses or fishing activity as a result of the project.
- (xiv) No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.
- (xv) 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.
- (xvi) 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) 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 Bhopal 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 Bhopal 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) Gujarat 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 Gujarat 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 Bhopal.
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. Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.
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.
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.

  
**(Lalit Kapur)**  
**Director (IA-III)**

Copy to:

- (1) The Secretary, Department of Environment, Government of Gujarat, Gandhinagar.
- (2) The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110 032.
- (3) The Director, Forests & Environment Department, Govt. of Gujarat, Block No.14, 8<sup>th</sup> Floor, Sachivalaya, Gandhinagar - 382 010.
- (4) The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector 10-A, Gandhinagar, -382010
- (5) The Chief Conservator of Forests, Ministry of Env & Forests, RO(WZ) E-5, Kendriya Paryavaran Bhawan, E-5, Arera Colony, Link Road-3, Ravishankar Colony, Bhopal - 462 016.
- (6) IA - Division, Monitoring Cell, MOEF, New Delhi - 110003.
- (7) Guard file.

**(Lalit Kapur)**  
**Director (IA-III)**