

No.11-84/2006-IA-III
Government of India
Ministry of Environment and Forests
(IA-III Division)

Paryavaran Bhavan,
C.G.O. Complex, Lodi Road,
New Delhi-110003

Dated the 5th February, 2007

Sub: Environmental clearance for proposed development of multipurpose berth (Terminal 2) at Mundra Port, village, Mundra District-regarding.

Reference is invited to the letter No.ENV-10-2005-222-P, dated 12.10.2006 from Forests and Environment Department, Government of Gujarat regarding the subject mentioned. Further letters No.MPSEZ/Plag/T2EC/MoEF02, dated 9.11.2006, No.MPSEZ/Plg-Enva/T2/MOEF-GOI, dated 24.11.2006, dated 30.11.2006 and No.MPSEZ/Plag/T2EC/MoEF03, dated 14.12.2006 from M/s Mundra Port have also been considered.

The project involves expansion of Gujarat Adani Port Limited at Mundra, Multi purpose Terminal 2. As per the proposal the Mundra port is located at Navinal Island at approximately 22°44'24" North and 29°42'48" East. The berth have been planned and designed to handle only the commodities namely, steel products (coils, pipes plates), steep scrap, dry bulk (food grain and minerals), wooden logs and small volume of containers. Quay approximately 575 m long with 47.8 m wide would be constructed south of the existing container terminal with a mooring dolphin. The berth and the wharf would be constructed by piling. An approach bridge of 54 mts X 21.2 mts would be constructed. The turning basin and 761 mts of approach channel would be dredged to a depth of -18.5 mts below CD the existing depth is -14.5 m CD. A quantity of 3 million cu mts of the dredged material would be used for reclaiming the back up area. The dredged spoil is not proposed to be dumped in the sea. The existing approach channel to the ongoing container terminal takes up from the natural sea bed contour of -15 mt. The turning basin is 760 mts. The activities to be taken are non polluting. The products to be handled are non-hazardous cargo. A total area of 16.5 ha of land would be reclaimed of which 5 ha is inter tidal which has no mangrove or mudflat.

The surroundings areas are at the elevation of (+) 6 m CD. An approach bridge of 100 m long vide 20 m wide will be developed. The wharf is designed to hold 150,000 DWT and bulk carrier vessels and 8,000 TEU container vessels. In addition a berth of 261 m length is to be provided for 10,000 DWT.

Accordingly, environmental clearance from Coastal Regulation Zone Notification, 1991, as amended from time to time and Environment Impact Assessment Notification, 2006, is hereby accorded for the phase I of the project subject to effective implementation of the following conditions:-

(A) Specific Conditions:

- (i) All the conditions stipulated by Forests Environment Department, Government of Gujarat vide their letter No.ENV-10-2005-222-P, dated 12.10.2006 should be strictly implemented.
- (ii) No Objection Certificate from Gujarat State Pollution Control Board should be obtained before initiating the project.
- (iii) The proposed project should not handle any hazardous goods and cargo
- (iv) Quarantine condition should be provided for keeping the hazardous containers if they are accidentally received.

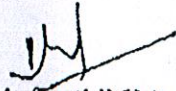
- (v) Green belt area should be developed along the project and budget earmarked.
- (vi) A disaster management plan covering emergency evacuation mechanisms etc., to deal with natural disaster events should be prepared and furnished to the Ministry.
- (vii) The company must take up and earmark adequate funds for the socio-economic development and for welfare measures in the area including drinking water supply, vocational training, fishery related development programmes (like cold storages).
- (viii) The fishing activities by the fishermen living in the settlement along the creek should not be hindered and a mechanism may be evolved for the movement of fishing boats *vis-a-vis* shipping activities.
- (ix) The Relocation of the fishermen and local communities if any, in the area should be done strictly in accordance with the norms prescribed by the State Government. The relocated communities should be provided with all facilities including health care, education, sanitation and livelihood.
- (x) The project proponent should not undertake any destruction of mangroves during construction and operation of the project.
- (xi) Sewage arising in the port area should be disposed off through septic tank - soak pit system or should be treated alongwith the industrial effluents to conform to the standards stipulated by Gujarat Pollution Control Board and should be utilized/re-cycled for gardening, plantation and irrigation.
- (xii) Project proponent should prepare and regularly update the Disaster Management Plan from time to time.
- (xiii) There should be no withdrawal of ground water in CRZ area, for this project. The proponent should ensure that as a result of the proposed constructions, ingress of saline water into ground water does not take place. Piezometers should be installed for regular monitoring for this purpose at appropriate locations on the project site.
- (xiv) The project should not be commissioned till the requisite water supply and electricity to the project are provided by the PWD/Electricity Department
- (xv) Specific arrangements for rainwater harvesting should be made in the project design and the rain water so harvested should be optimally utilized. Details in this regard should be furnished to this Ministry's Regional Office at Bhopal within 3 months.
- (xvi) The facilities to be constructed in the CRZ area as part of this project should be strictly in conformity with the provisions of the CRZ Notification, 1991 as amended subsequently.
- (xvii) No product other than those permissible in the Coastal Regulation Zone Notification, 1991 should be stored in the Coastal Regulation Zone area.

B. General Conditions:

- (i) Construction of the proposed structures should be undertaken meticulously conforming to the existing Central/local rules and regulations including Coastal Regulation Zone Notification 1991 & its amendments. All the construction designs / drawings relating to the proposed construction activities must have approvals of the concerned State Government Departments / Agencies.
- (ii) Adequate provisions for infrastructure facilities such as water supply, fuel, sanitation etc. should be ensured for construction workers during the construction phase of the project so as to avoid felling of trees/mangroves and pollution of water and the surroundings.

- (iii) The project authorities must make necessary arrangements for disposal of solid wastes and for the treatment of effluents by providing a proper wastewater treatment plant outside the CRZ area. The quality of treated effluents, solid wastes and noise level etc. must conform to the standards laid down by the competent authorities including the Central/State Pollution Control Board and the Union Ministry of Environment and Forests under the Environment (Protection) Act, 1986, whichever are more stringent.
- (iv) The proponents should provide for a regular monitoring mechanism so as to ensure that the treated effluents conform to the prescribed standards. The records of analysis reports must be properly maintained and made available for inspection to the concerned State/Central officials during their visits.
- (v) In order to carry out the environmental monitoring during the operational phase of the project, the project authorities should provide an environmental laboratory well equipped with standard equipment and facilities and qualified manpower to carry out the testing of various environmental parameters.
- (vi) The sand dunes and mangroves, if any, on the site should not be disturbed in any way.
- (vii) A copy of the clearance letter will be marked to the concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal.
- (viii) The Gujarat Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office/Tehsildar's Office for 30 days.
- (ix) The funds earmarked for environment protection measures should be maintained, in a separate account and there should be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards should be reported to this Ministry's Regional Office at Bhopal and the State Pollution Control Board.
- (x) Full support should be extended to the officers of this Ministry's Regional Office at Bhopal and the officers of the Central and State Pollution Control Boards 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.
- (xi) In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this Ministry for modification in the clearance conditions or imposition of new ones for ensuring environmental protection.
- (xii) This Ministry reserve the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of this Ministry.
- (xiii) This Ministry or any other competent authority may stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which should be complied with.
- (xiv) The project proponent should advertise in at least two local newspapers widely circulated in the region around the project, one of which should be in the vernacular language of the locality concerned, 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 at Website of the Ministry of Environment & Forests at <http://www.envfomc.in>. The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bhopal.
- (xv) The Project proponents should inform the Regional Office at Bhopal 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.

The above mentioned stipulations will be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (protection) Act, 1986, the Hazardous Chemicals (Manufacture, Storage and Import) Rules, 1989, the Coastal Regulation Zone Notification, 1991 and its subsequent amendments and the Public Liability Insurance Act, 1991 and the Rules made thereunder from time to time. The project proponents should also ensure that the proposal complies with the provisions of the approved Coastal Zone Management Plan of Gujarat State and the Supreme Court's order dated 18th April, 1996 in the Writ Petition No.664 of 1993 to the extent the same are applicable to this proposal.



(Dr. A. Senthil Vel)
Additional Director

To

Shri M. P. Shukla,
President, Png.,
Gujarat Adani Port Limited,
Mundra Port and Special Economic Zone Limited,
62, Maker Chamber-III, Nariman Point,
Mumbai-400021.

Copy to:

1. The Chief Conservator of Forests, Ministry of Environment & Forests, Ministry of Environment & Forests, Regional Office (Western Region), Kendriya Paryavaran Bhavan, Link Road No.3, Ravi Shankar Nagar, Bhopal - 4620 16.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110032.
3. Shri J. K. Vyas, Director (Environment), Forests & Environment Department, Government of Gujarat, Block No.14, 8th Floor, Sachivalaya, Gandhinagar - 382 010.
4. The Chairman, Gujarat State Pollution Control Board, Paryavaran Bhavan, Sector 10-A, Gandhinagar - 382 010, Gujarat.
5. DIG (SU), Regional Office Cell, Ministry of Environment & Forests, New Delhi.
6. Guard File.
7. Monitoring Cell.
8. Direct (EI), Ministry of Environment & Forests, New Delhi.


(Dr. A. Senthil Vel)
Additional Director