

No.11-65/2005-IA-III
Government of India
Ministry of Environment and forest
(IA-III Division)

Paryavaran Bhavan,
CGO Complex, Lodhi Road,
New Delhi – 110003.

Dated the 20th December , 2007

Sub: Environmental clearance for reclamation of 350 ha area – part of establishing Deep Draught Berth (550 m jetty, dedicated channel, turning circle and reclamation) at Hazira, Gujarat by M/s Essar Bulk Terminal Limited – regarding.

This is in continuation to this Ministry's letter of even number dated 6.9.2007 pertaining to establishing a Deep Draught Berth CSS on Jetty, Dedicated Channel & Turning Circle), part of proposed Integrated Steel Plant Expansion Project of Essar Steel Ltd., Hazira, Gujrat by M/s Essar Steel Limited.

2. Reference is invited to the letter No.ENV-10-2007-174-P, dated 5.10.2007 from Forests and Environment Department, Government of Gujarat and letters No.EStL/ENV/P3/PS/02-07, dated 5.9.2007 and No.EStL/ENV/P3/PS/11-07, dated 19.11.2007 from M/s Essar Bulk Terminal Limited have been considered.

3. The project involves reclamation of 350 ha of land as back up area for establishment of deep draught berth (550 m jetty, dedicate channel, turning circle and reclamation) which was accorded clearance vide letter of even number dated 6.9.2007. 350 ha of land is a inter-tidal region with sparse vegetation. The reclaimed land will be utilized for storage of raw material and products. For the reclamation, area about 14.2 million cu metres of dredged spoil will be utilized. The top cover of the reclaimed area will be covered using soil procured from Government quarries. There are no water bodies in the proposed reclaimed area. The back up area of 350 ha has been proposed for the following reasons:-

- (i) A dedicated berth for coal handling for expansion of the steel plant which includes one more blast furnace. This will increase the coal handling to over six million tons per annum.
- (ii) A container handling berth due to increased containerization of export cargo of steel particularly the special steel for automobile industries and other galvanized products. This will necessitate creations of yard facilities for stocking and handling of incoming and outgoing containers. M/s ESSAR proposes a large area as they will be stocking only in two tier due heavy wind conditions in monsoon.

4. The cargo to be handled in the reclaimed area is iron ore -16 million tonnes, coal – 4 million tonnes and other cargo of 4 million tonnes. The area wise utilization of the reclaimed area would be 50 ha for handling outward cargo such as GI sheets, HRC, pipes and plakes. In inward cargo would require about 270 ha which is utilized for holding pallets, coal, limestone, container cargo, roads and railway networking including truck parking etc. Green belt development would be taken up in 30 ha.

5. The proposal was considered by Expert Appraisal Committee at its meeting held on 25th and 26th October, 2007 and has recommended.

6. Accordingly, environmental clearance from Environmental Impact Assessment Notification, 2006 and Coastal Regulation Zone Notification, 1991 as amended from time to time is hereby accorded to this project subject to effective implementation of the following conditions:-

(A) Specific Conditions:

- (i) All the clarifications provided by project proponent vide their letter No.EStL/ENV/P3/PS/11-07, dated 19.11.2007 should be strictly complied with.

- (ii) It should be ensured that no mangroves are destroyed during reclamation. The mangroves present abutting the site should be protected.
- (iii) The proposed extension to the project should not cause any shoreline changes abutting the project area and the mangrove.
- (iv) Adequate provision for beach nourishment and sand bypass should be provided.
- (v) The dredged material obtained should be utilized for filling up of back up area.
- (vi) All conditions stipulated in the environmental clearance letter of even number dated 6.9.2007 should be strictly complied with.
- (vii) The reclaimed area should be used as containers stackyard and cargo handling and transportation network.
- (viii) Adequate drainage facilities should be provided in the reclaimed area alongwith collection and treatment system for treating the run off from the container stackyard. A detailed plan in this regard shall be provided within 3 months from the date of issue of this letter.
- (ix) A detailed traffic management plan taking into account the existing traffic and the anticipated traffic due to the project. The plan should be submitted to the Ministry within 3 months from the date of issue of this letter.
- (x) Necessary approvals/clearances should be obtained from the Gujarat Coastal Zone Management Authority and Gujarat Pollution Control Board before implementing the project.

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 proponent shall obtain the requisite consents for discharge of effluents and emissions under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (prevention and Control of Pollution) Act, 1981 from the Gujarat Pollution Control Board before commissioning of the project and a copy of each of these shall be sent to this Ministry.
- (v) The proponents shall 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.
- (vi) 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.
- (vii) The sand dunes and mangroves, if any, on the site should not be disturbed in any way.

- (viii) 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.
- (ix) 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.
- (x) 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 Bangalore and the State Pollution Control Board.
- (xi) Full support should be extended to the officers of this Ministry's Regional Office at Bangalore 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.
- (xii) 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.
- (xiii) 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.
- (xiv) This Ministry or any other competent authority may stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.
- (xv) The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall 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.envfor.nic.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 Bangalore.
- (xvi) The Project proponents should inform the Regional Office at Bangalore 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.

7. 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,

Director (Environment),
Forests & Environment Department,
Government of Gujarat, Block No.14,
8th Floor, Sachivalaya, Gandhinagar – 382 010.

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. The Chairman, Gujarat State Pollution Control Board, Paryavaran Bhavan, Sector 10-A, Gandhinagar – 382 010, Gujarat.
4. M/s Essar Bulk Terminals Limited, Essar House, 11, KK Marg, Mahalaxmi, Mumbai-400034.
5. DIG (SU), Regional Office Cell, Ministry of Environment & Forests, New Delhi.
6. Guard File.
7. Monitoring Cell.
8. Director (EI), Ministry of Environment & Forests, New Delhi.



(Dr. A. Senthil Vel)
Additional Director