



No.11-79/2005-IA.III
Government of India
Ministry of Environment & Forests
(IA-III Section)

Paryavaran Bhavan,
CGO Complex, Lodi Road,
New Delhi - 110 003

Dated the 9th May, 2006

JACS)
Sub: **Construction of a fishing harbour at Thengapattinam, Villavencode taluk, Kanyakumari District by Fisheries Department, Tamil Nadu Government - Environmental Clearance - regarding.**

Reference is invited to letter No.31222/EC.3/2005-1, dated 13.12.2005 and No.4552/EC3/2006-1, dated 6.3.2006 from Environment and Forests Department, Government of Tamil Nadu and letter No.23162/Q4/2004, dated 21.12.2005, No.23162/T1/2004, dated 17.1.2006 and No.T1/23162/2004, dated 21.2.2006 from Department of Fisheries, Tamil Nadu Fisheries Development Corporation Limited on the above subject was also taken into consideration.

The project involves construction of fishing harbour in Sy. Nos.243, 445, 446, 464, 465, 467, 468, 515/2, 514, 516 and sea Poramboke at Thengapattinam, Villavencode Taluk, Kanyakumari District with a coast side quay of length 280 m, land side quay of 140 m, Main Break Water of 580 m and leeward breakwater of 120 m length. The project is proposed to be located in 55 kms West of Kanyakumari at 77°10'30" E and 8°14'N. About 750 mechanized boats, 300 boats and 400 catamarans to be accommodated. The total area envisaged for the project is 5.84 ha. For the formation of a diaphragm wall area also dredging of 2,46,000 m³ sand is proposed. The site is proposed to be prepared by filling 1,60,000 m³ of dredged sand. Apart from the construction of the fishing harbour, other construction in connection with the harbour activities are auction hall, administration block, security room, net mending shed, rest shed, gear shed, canteen, toilet block, workshop building, radio and communication centre, sloping hard and loading area. The estimated cost of the project is around Rs.30 crores.

The wastewater generation will be 3.7m³/day and it is proposed to construct septic tank for the same. The construction of breakwater is likely to block the southward littoral drift. Hence, strengthening the existing sea wall along the shore on the seaside of both breakwaters for a total length of 350 m is proposed with rubble stones to prevent erosion. The maximum water depth at the entrance is 5 mts. The total curve length of the breakwater is 530 mts and the south breakwater is of 150 mts. The landing length is about 400 mts on north-south directions. The draft at the entrance is 5 mts with an entrance width of 60 mts opening at the eastern side.

There are no critical habitats such as coral reefs, mangroves or sea grass beds in the region. The pure water demand of 84 m³/day is proposed to be met from groundwater (10m³/day by digging), rainwater harvesting (8 m³/day) and Municipal Water Supply (100 m³/day).

Environmental clearance under the CRZ Notification, 1991 is hereby accorded to the above project subject to strict implementation of the conditions as given below:

A. SPECIFIC CONDITIONS:

1. All conditions stipulated by Tamil Nadu Coastal Zone Management Authority should be strictly implemented.
2. All conditions should be carried out as per the Coastal Regulation Zone Notification, 1991.
3. No Objection Certificate from the Tamil Nadu State Pollution Control Board should be obtain before initiating the project.

4. No construction work other than those permitted in Coastal Regulation Zone Notification should be carried out in Coastal Regulation Zone area.
5. The area for dumping dredging material should be identified and informed to the Ministry before initiating the project.
6. The emissions and the noise levels from the DG set to be installed at the project site should be within the standards prescribed by the Central Pollution Control Board.
7. The wastewater generated by washing of jetties, cleaning and packing shed, net mending shed, etc., should be treated in the Effluent Treatment Plant before letting into the creek.
8. Putrefied and discarded parts of fishes should be removed from the Fish Landing Centre and disposed off in the approved landfill.
9. Green belt with appropriate species should be developed in the project site.
10. The Environment Management Plan as suggested in the EIA Report should be adhered to strictly.
11. The site should be kept free from pollution by providing suitable drainage system.
12. All constructions should be as per the plan lay outs and designs approved by the competent authority of the State Government. No deviation from the approved project proposal, lay out and design specifications shall be permitted.
13. The project proponent should provide adequate funds in the Environment Management Plan of the Project.
14. Adequate safeguard measures to deal with oil spills and land bilge water pollution at the jetty by the fishing boats should be provided.
15. Reclamation should be limited to the project requirement only.
16. Temporary colonies of the labour work force, etc. should be established, outside CRZ and proper sanitation including toilets facilities should be provided. Sewage and other wastes generated in these settlements should not be released into the sea/creek.
17. During the construction phase, noise level should be kept within the prescribed limits in the project area through proper noise control measures such as lubrication, muffling and use of modern equipments.
18. It must be ensured that no waste including solid waste, trash fish and other organic wastes if any, is released from the boats within the harbour basin during landing or berthing.
19. The approach channel should be properly demarcated with lighted buoys for safe navigation and adequate traffic control guidelines should be framed. The fishermen should be suitably educated and informed about the traffic guidelines.
20. The implementing agency should also identify suitable sites for disposal of the dredged material. The construction material will be obtained only from the approved licenced quarries and the entire jetty shall be constructed on the piles.

B. GENERAL CONDITIONS:

1. Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during the construction phase of the project to avoid any damage to the environment.

2. Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.
3. Borrow sites for each quarry sites for road construction material and dump sites must be identified keeping in view the following:
 - (a) No excavation or dumping on private property is carried out without written consent of the owner.
 - (b) No excavation or dumping shall be allowed on wetlands, forest areas or other ecologically valuable or sensitive locations.
 - (c) Excavation work should be done in close consultation with the Soil Conservation and Watershed Development Agencies working in the area, and
 - (d) Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such materials must be secured so that they should not leach into the ground water.
4. The construction material should be obtained only from approved quarries. In case new quarries are to be opened, specific approvals from the competent authority should be obtained in this regard.
5. Adequate precautions should be taken during transportation of the construction material so that it does not affect the environment adversely.
6. The project affected people, if any, should be adequately rehabilitated and the details in this regard should be furnished to the Ministry. Adequate financial provision must be made in the project to implement the aforesaid safeguard.
7. The project proponent will set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
8. Full support should be extended to the officers of this Ministry/Regional Office at Bangalore 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.
9. A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bangalore regarding the implementation of the stipulated conditions.
10. 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 should be complied with.
11. The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.
12. 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.
13. 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.
14. A copy of the clearance letter will be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been made received while processing the proposal.
15. Pollution Control Committee should display a copy of the clearance letter at the Regional Office, District Industries Center and Collector's Office/Tehsildar's office for 30 days.
16. 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 Web site of the Ministry of Environment and Forests at <http://www.envfor.nic.in>. The advertisement should be made within 7 days from the issue of clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bangalore.

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.

(A. Senthil Vel)
Additional Director

To

Shri Dharmendra Pratap Yadav,
Director of Fisheries, Managing Director (I/C),
Tamil Nadu Fisheries Development Corporation Limited,
Administrative Office Building,
Department of Fisheries,
Tenyampet, Chennai-600006.

Copy to:

1. The Secretary, Ministry of Road Transport & Highways, Transport Bhavan, 1, Parliament Street, New Delhi -110001.
2. Chairman, Tamil Nadu State Coastal Zone Management Authority, & Principal Secretary, Department of Environment and Forests, Secretariat, Chennai-9.
3. Joint Secretary, Ministry of Agriculture, Department of Animal Husbandary, Dairying and Fisheries, Krishi Bhawan, New Delhi - 110001.
4. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum- Office Complex, East Arjun Nagar, Delhi -110032.
5. Chairman, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai - 600032.
6. The Chief Conservator of Forests, Ministry of Environment & Forests, Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road, 1st Block, Koramangala, Bangalore - 560 034.
7. Director (EI), Ministry of Environment & Forests, New Delhi.
8. The Regional Office Cell, MoEF.
9. Guard File.
10. Monitoring File

(A. Senthil Vel)
Additional Director