

Dr. R.ANNAMALAI,I.F.S.,
DIRECTOR OF ENVIRONMENT
AND MEMBER SECRETARY



**STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT
AUTHORITY,
TAMILNADU,**

Tamilnadu Pollution Control Board
Premises,
76, Mount Salai, Guindy,
Chennai- 600 032.

No.SEIAA/TN/EC/7(e)/001/F-113 /2008 Dated: 20.11.2008

To,

The Managing Director,
M/s. Jeppiaar Fishing Harbour
Muttom Private Limited,
No. 12, Ganapathy street, Royapettah,
Chennai - 600 014.

Sir,

Sub: SEIAA - M/s Jeppiaar Fishing Harbour Muttom Private Limited, SF
No. 1110, Kadiapatnam-Muttom Village, Kalkulam Taluk,
Kanyakumari District – Fishing harbour - Environmental Clearance -
Regarding.

This has reference to your application dated 11th July 2008 submitted to the State Environment Impact Assessment Authority (SEIAA), Tamil Nadu, for Environmental Clearance. The proposal has been appraised by the State Level Expert Appraisal Committee in its meeting held on 25th – 26th August 2008 and 10th -11th October 2008 as per the prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application Viz., the Application Form- I, Pre-feasibility report, EIA/EMP report and further details furnished by the proponent.

It is noted, interalia that the project proposal is for construction of a Fishing harbour with handling capacity of 10,000 Tonnes/Annum and less than 5 million tones cargo handling facility. The project proposal involves onshore and off shore constructional activity. The onshore activity includes development of various facilities such as an auction hall, a net repair shed, toilet facilities, fish drying yard, a fuel/diesel outlet, a cold storage unit/ice plant, a workshop to carryout minimal repairs in mechanical/electrical engineering, gear shed, a slip way for carrying out hull repairs and other maintenance works, solid waste collection area with development of bio fertilizer unit, fish drying platform, a security fencing

wall, a watch and ward and harbour office, fire protection network, power supply, beacons and guide lighting systems, canteen, cycle shed, shops along the boundary wall facing road which are required for operation of a fishing harbour and fishing activities. The offshore facilities include construction of a southern break water for a length of 1750 meters and an eastern break water for a length of 250 meters. The onshore facilities cover an area of 16.19 hectares (40 Acres) in the land allocated by the Govt.of Tamil Nadu, under BOOT system at SF No. 1110, Kadiapatnam-Muttom Village, Kalkulam Taluk. Kanyakumari District. No ecologically sensitive area exists within 10 Km periphery of the project site. The project does not involve any Rehabilitation & Resettlement. The cost of the project is Rs. 46.68 Crores.

Power requirement of 20 MW shall be met from TNEB grid with backup D.G Sets of 250 KVA x 4 and 500 KVA x 2. The water requirement will be 160 KLD which will be met through bore well outside harbour area. 100 KLD of trade effluent will be generated and 100 KLD of sewage will be generated during operation. Sewage & Trade effluent will be treated in separate treatment plants and partly reused for flushing and remaining used for greenbelt development. Bio degradable Solid waste will be converted into organic fertilizer and non-bio degradable Solid waste will be transported to a landfill.

The project activity is listed at 7 (e) and is of B2 Category in the Schedule of EIA Notification, 2006, no Public Hearing / Consultation is required for the project as the project proposal is sanctioned by the Government of Tamilnadu based on the request of fisher folk and service organizations, including the public representatives of Kanyakumari District.

The SEAC after due consideration of the relevant documents and information submitted by the Project Proponent has recommended to the SEIAA, Tamil Nadu to grant Environmental Clearance to this project subject to certain conditions. The proposal was considered by SEIAA, Tamil Nadu in its meeting held on 10.11.2008 and as the public consultation is not required for the project, the SEIAA hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 based on the recommendations of the SEAC subject to the strict compliance of the following terms and conditions.

A. SPECIFIC CONDITIONS - Environment Management Measures

- i. All conditions recommended by Tamil Nadu Coastal Zone Management Authority must be complied.
- ii. Facilities that are permitted under the CRZ Notification alone should be set up in the CRZ area. Rest of the components should be located outside the CRZ area.
- iii. 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.
- iv. No ground water shall be extracted in the CRZ area.
- v. No construction work other than those permitted in Coastal Regulation Zone Notification may be carried out in Coastal Regulation Zone area.
- vi. No ecological sensitive areas such as mangroves should be destroyed during construction/operation of the project.
- vii. The waste water generated by washing of jetties, cleaning and packing shed, net mending shed, etc. should be treated in the Effluent Treatment Plant before reuse.
- viii. Putrefied and discarded parts of fishes should be removed from the Fish Landing Centre and converted into organic fertilizer.
- ix. The sewage generated shall be treated in the Sewage Treatment Plant before reuse.
- x. The site should be kept free from pollution by providing suitable drainage system.
- xi. The project proponent should provide adequate funds in the Environment Management Plan of the Project.
- xii. Adequate safeguard measures to deal with oil spills and land bilge water pollution at the jetty by the fishing boats should be provided.
- xiii. Solid waste shall be properly collected and converted to organic fertilizer and non-bio degradable solid waste will be transported to a landfill outside the CRZ area.
- xiv. The fugitive emissions during construction shall be suitably controlled. Fugitive emissions shall be regularly monitored. The emissions shall conform to the limits prescribed by the Tamil Nadu Pollution Control Board/Central Pollution Control Board.
- xv. Ambient air quality monitoring stations (AAQM) shall be set up as per statutory requirement. The locations of ambient air quality monitoring

- stations shall be decided in consultation with the Tamil Nadu Pollution Control Board and it shall be ensured that at least one station is installed in the up wind and another in the downwind direction as well as where maximum ground level concentrations are anticipated.
- xvi. A stack of adequate height based on the capacity of the DG set shall be provided for control and dispersion of pollutants from the DG set.
 - xvii. Reclamation should be limited to the project requirement only.
 - xviii. 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.
 - xix. The Proponent shall provide adequate width of Green belt to control fugitive emission & noise and shall be developed in 33 % area as per the CPCB guidelines in a time bound manner.
 - xx. The Proponent shall furnish an undertaking that they will abide by the conditions / recommendations mentioned in the EIA/EMP report furnished by them.
 - xxi. It is mandatory for the project proponent to furnish to the SEIAA, Half yearly compliance report in hard and soft copies on 1st June and 1st December of each calendar year in respect of the conditions stipulated in the prior Environmental clearance.

B. GENERAL CONDITIONS:

- i) "Consent for Establishment" shall be obtained from Tamil Nadu Pollution Control Board and a copy shall be furnished to the SEIAA, Tamil Nadu before taking up any construction activity at the site.
- ii) The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearance from other statutory and administrative authorities.
- iii) No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted for clearance, a fresh reference shall be made to the SEIAA to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- iv) Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act.

- v) Proper House keeping programmes shall be taken up.
- vi) Usage of Personal Protective Equipments (PPEs) by all employees/ workers shall be ensured.
- vii) The Project proponent shall harvest surface as well as rainwater from the rooftops of the buildings proposed and storm water drains to recharge the ground water.
- viii) A separate Environmental Management Cell shall be set up to carry out the Environmental Management and Monitoring functions.
- ix) 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 the public that
 - i) The project has been accorded Environmental Clearance.
 - ii) Copies of clearance letters are available with the Tamil Nadu Pollution Control Board.
 - iii) Environmental Clearance may also be seen on the website of the SEIAA.

The advertisement should be issued within 7 days from the date of issue of the clearance letter and a copy of the same shall be forwarded to the SEIAA.

- x) The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xi) The SEIAA reserves the right to stipulate additional conditions, if found necessary. The Proponent shall implement these conditions in a time bound manner.
- xii) The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

Member Secretary,
State Level Environmental Impact
Assessment Authority,
Tamil Nadu.

Copy to:-

1. The Secretary to Government, Environment & Forests Dept,
Govt.of Tamil Nadu, Fort St.George, Chennai-9.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan,
CBD Cum-Office Complex, East Arjun Nagar, New Delhi 110032.
3. The Member Secretary, Tamil Nadu Pollution Control Board,
76, Mount Salai, Guindy, Chennai-600 032.
4. The CCF, Regional Office, Ministry of Environment & Forest (SZ),
Kendriya Sadan, IV floor, E&F wings, 17th Main Road,
Koramangala II Block, Bangalore - 560034.
5. Monitoring Cell, I A Division, Ministry of Environment & Forests,
Paryavaran Bhavan, CGO Complex, New Delhi 110003.
6. Stock File.