

Agenda No. 129-18 :

(File No. 6707/2019)

The proposed development of fishing harbor with a capacity of 10000 MTPA at Vellapallam Village, Vedaranyam Taluk, Nagapattinam District, Tamilnadu by M/s. Fisheries Department” – For Terms of Reference

(SIA/TN/IND/28282/2018), 24.07.2018

The proposal was placed in the 129th SEAC Meeting held on 17.05.2019 & 18.05.2019. The project proponent gave detailed presentation. The salient features of the project as presented by the proponent are as follows:

1. CRZ Clearance issued by TNSCZMA vide proc No.P1/1694/2017 dated:18.04.2018
2. This project is basically aimed at developing a sheltered for the fishing vessels by means of a breakwater system plus matching beach landing facilities for FRPs and appropriate fish landing wharfs, idle berthing wharfs, outfitting and repair wharfs etc. for MFVs so as to enable the fisherman do fishing activities in a safe marine environment.
3. Onshore Facilities:
Auction Hall, net mending yard, fish drying yard, fishermen gear, cloak room, tuck loading platform, administrative building, Generator shed yard, Transformer yard, security room, fishermen reset shed, public toilets, STP, MSW disposal, overhead tank, seawater and freshwater sump, restaurants, internal roads including drains.
4. The proposed fishing harbour is planned to handle capacity of 10000 MTPA.

Based on the proposal submitted and the presentation made, the SEAC decided to prescribe TOR (Annexure) for the preparation of EIA report along with Public Hearing. The detailed EIA shall include standard ToR along with the following additional ToR:

- 1) One of the major environmental issues concerning the project is that sea bed material will be dredged and the disposal mechanism shall be furnished. The characteristics of the dredged materials should be furnished along with the possible adverse impact of the same.

- 2) The proponent should ensure that the boats are maintained properly and also should ensure that there are no oil spillages.
- 3) The proponent should prepare a comprehensive line diagram in which all the facilities to be created should be marked. Then for each facility, the probable effluent generation and waste generation should be indicated with quantity and quality. Finally, the methodology for collection, treatment and reuse/disposal of the liquid and solid waste should be indicated. Specific attention should be paid to the marine discharges.
- 4) Within 10km radius all the parameters like air, sediment and biology including coastal ecology covering Nallar River should be studied in detail.
- 5) The impact of dredging should be evaluated in detail with the comprehensive EIA report.
- 6) The sampling should be done in grid pattern and every one kilometre the samples (air, water, sediment and biological samples) within the 10km of radius.
- 7) Heavy metal studies in water and sediments shall be conducted.
- 8) There should be proper treatment for waste water generated from the fish handling platforms. There should be no pollution to the ground water as well as the sea water from the harbour operation.
- 9) The solid waste both municipal and fish related waste should be properly collected, treated and disposed.
- 10) The project proponent shall submit a comprehensive monitoring plan for coastal ecology covering coastal ecosystem and riverine system for both construction and operation period. All physical, chemical and biological parameters including plankton, productivity, benthic fauna and flora, fishery, etc shall be covered in monitoring plan. Monitoring during construction period will be on weekly basis and during the operational period on seasonal basis (4 times in a year, for a minimum of 5 years).
- 11) There should not any damage/ impact on these resources and associated biodiversity. The project proponent shall implement mangrove afforestation by involving reputed institution like Annamalai University (Marine Biology Centre) and a detailed plan with budget shall be prepared for Mangrove afforestation and monitoring for a period of minimum 5 years in consultation with the said

institution and submit a copy of the same along with the EIA Report. The proponent shall also sign an MOU and submit a copy of the same along with EIA report

- 12) A study shall be conducted on reputed institutions like Annamali university, etc the impact on the proposed fishing harbour on movement of turtles.
- 13) A detail study on impact of oil spillage from the operation of the harbour and its mitigation measures shall be part of EIA study.
- 14) Impact on the Distortion effects on the construction of the fishing harbour shall be part of EIA.
- 15) Impact on the clay deposition shall be studied.
- 16) The project proponent has to obtain NBWL clearances since the project falls within 10 km from kodiyaikai Sanctuary.

Agenda No. 129-19 :

(File No. 6735/2019)

Expansion of Metallurgical unit by M/s. Ammarun Foundries at S.No: 80/5 & 80/6A in Vilankurichi village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu. – For Terms of Reference.

(SIA/TN/IND/31667/2019), 20.02.2019

The proposal was placed in the 129th SEAC Meeting held on 17.05.2019 & 18.05.2019. The project proponent gave detailed presentation. The salient features of the project as presented by the proponent are as follows:

1. Expansion of CI Rough Castings from 2000 TPM to 3000 TPM.
2. The project is located at 11°4'52.76"N Latitude, 77°0'56.38"E Longitude.
3. This project has an area of 3.0 Acres.
4. 20.0KLD (For Cooling 1.5 KLD + Domestic 18.5 KLD) of water is required which is sourced from Coimbatore Municipal Corporation. 15KLD (Existing 6.4 KLD + Proposed 8.6 KLD) of sewage water is generated which is treated through a 15KLDSTP plant, treated water will be used 15 KLD for Gardening. After expansion there will not be any effluent generation.
5. 7500 KVA of power is required which is sourced from TNEB grid .Back-up power supply is through 1 No. DG Set 380 KVA and 1 No. DG Set 600 KVA with a stack.


CHAIRMAN
SEAC-TN
