

F.No.11-28/2017-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi-3
Dated: 3rd October, 2017

To,

M/s Directorate of Light Houses and Lightship
Deep Bhavan, Jaffar Syrang Street,
Tamil Nadu, Chennai- 600 001

Sub: CRZ Clearance for proposed development for promotion of Tourism at Muttom Point Light House in Kadiyapattinam Village, Kalkulam Taluk, Kanyakumari District, Tamil Nadu - reg.

Sir,

This has reference to your proposal No. IA/TN/MIS/65287/2017, received in this Ministry for CRZ Clearance in accordance with the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011 issued under the Environment (Protection) Act, 1986.

2. The proposal was considered by the Expert Appraisal Committee (EAC) for Infrastructure Development, Coastal Regulation Zone, Building/ Construction and Miscellaneous projects, in its 175th meeting held on 07th September, 2017. The details of the project as per the documents submitted and presented during the aforesaid meeting are as under:

- (i) The proposal is a part of the project aimed at promoting tourism at eight Lighthouses across the country as envisaged by the Ministry of Shipping, Government of India. Muttom Point has been chosen as one such Lighthouse. This is also in consonance with the recommendation in the 47th Report of the Parliamentary Standing Committee on Transport & Tourism.
- (ii) The total land area is 29.89 acres. The existing allied facilities are in 5422.78 sq. m and the proposed built up area is 8317 sq.m, with coverage of 6.87%. The FSI is 0.063.
- (iii) The height of the any of the proposed buildings/bocks will not exceed 9 m, in consonance with CRZ notification, 2011.
- (iv) The cost of the project will be Rs 55 crores.
- (v) The proposed resort includes: Reception cum Administration Block; Recreational centre; Restaurant-cum-Food Court-cum-Bar; Rejuvenation or Ayurvedic Spa Block; Cottage; Land development and landscape; Coffee Shop and a Swimming Pool.
- (vi) All open spaces within the resort will be covered with lawns, ornamental shrubs and flowering trees to provide good shade and an aesthetically rich as well as cool environment.
- (vii) No ground water extraction will be carried out.



- (viii) As per the approved CZMP and provisions of CRZ 2011 notification the project location falls in CRZ-III area.
- (ix) CRZ map in scale of 1:4000 has been prepared by National Centre for Sustainable Coastal Management (NCSCM), Chennai
- (x) The total quantity of solid waste likely to be generated will be 120.1 kg/day, out of which about 79.4 kg/day of biodegradable wastes will be treated in Organic Waste Converter. The non-biodegradable waste of about 40.7 kg/day will be handed over to recyclers.
- (xi) Sewage generated during operation phase will be about 16.3 KLD, which will be treated in an STP. Treated water will be used for gardening and the dried sludge will be used as manure.
- (xii) Water requirement of about 115.5 KLD will be met from TWAD supply..
- (xiii) Total Power requirement will be 1300 kWh/day and will be sourced from Tamil Nadu Electricity Board (TNEB). Two DG sets of 10 KVA and 5 KVA are proposed for backup power supply.
- (xiv) The employment potential during the construction phase will be average 50 workers per day. Operational phase will generate employment for 50 people in hospitality services.
- (xv) The proposal has been recommended for CRZ Clearance by the TNCZMA vide their letter No. 7365/EC.3/2017-1, dated 29.05.2017.

3. Based on the information submitted as at para no. 2 above and others and information made during the presentation before the EAC, the Ministry of Environment, Forest and Climate Change in acceptance of the recommendation of the EAC hereby accords CRZ Clearance to the above project viz '*proposed development of promotion of Tourism at Muttom Point Light House in Kadiyapattinam Village, Kalkulam Taluk, Kanyakumari District, Tamil Nadu*' under the provision of CRZ Notification, 2011 and amendments thereto and circulars issued thereon, and subject to compliance of the following specific and general conditions as under:

PART A – SPECIFIC CONDITIONS:

I. Construction Phase

- (i) The project proponent shall ensure that the guidelines for building and construction projects issued vide this Ministry's OM No.19-2/2013-IA.III dated 9th June, 2015, are followed to ensure sustainable environmental management.
- (ii) A 2% of the cost of the project shall be apportioned for marine and coastal biodiversity protection and conservation measures, to be spent by the project proponent towards fulfilling its Corporate Environmental Responsibility (CER) during the currency of the project. Proper record and account of measures taken should be maintained and should also be submitted to the CZMA every six months.

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- (iii) All conditions/recommendations stipulated by the Andhra Pradesh Coastal Zone Management Authority (TNCZMA) vide their letter dated 29.05.2017, shall strictly be complied with.
- (iv) Construction shall be strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.
- (v) No construction shall be undertaken in the No Development Area.
- (vi) The swimming pool component of the facilities being developed shall be deleted from the scope of the project for the present.
- (vii) Solid waste management shall be as per Solid Wastes Management Rules, 2016.
- (viii) Consent to Establish and Consent to Operate as may be applicable, shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (ix) There shall be no dressing or alteration of the sand dunes, natural features including landscape changes for beautification, recreation and other such purpose.
- (x) All waste (liquid and solid) arising from the proposed development will be disposed of as per the norms prescribed by Central/State Pollution Control Board. There shall not be any disposal of untreated effluent into the sea/coastal water bodies.
- (xi) No permanent labour camp, machinery and material storage shall be allowed in CRZ area.
- (xii) The project proponent shall ensure that no untreated wastewater is discharged outside the project premises. It shall be ensured that the wastewater generated is treated in a STP as committed by the project proponent. The treated waste water shall be reused for landscaping, flushing and / or HVAC cooling purposes etc. within the development. The project proponent should also make alternate arrangement for situation arising due to malfunctioning of STP. There shall be regular monitoring of standard parameters of the effluent discharge from STP under intimation to the SPCB.
- (xiii) No ground water shall be extracted for the project.
- (xiv) A robust rainwater harvesting system shall be installed in consultation with the concerned authority. In addition water conservation measures shall be adopted for which a standard operating system shall be developed in a time bound matter during the development of the project itself.

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- (xv) Temporary toilets will be provided for all construction labour. Suitable toilet fixtures for water conservation shall be provided. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- (xvi) Topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
- (xvii) Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- (xviii) Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.
- (xix) Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- (xx) Ambient noise levels should conform to residential standards both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the ambient noise standards.
- (xxi) Fly ash shall be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016.
- (xxii) Use of glass may be reduced by up-to 40% to reduce the electricity consumption and load on air-conditioning. If necessary, use high quality double glass with special reflective coating in windows.

II. Operation Phase

- (i) The construction of additional areas shall be strictly for occupation by tourist and visitors. There should not be any construction for residential purposes.
- (ii) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, of the Ministry along with six monthly monitoring reports.

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- (iii) The treated wastewater shall be recycled and reused to reduce the demand of fresh water as committed.
- (iv) Project Proponent shall ensure regular operation and maintenance of the STP to meet the effluent discharge standards laid down under the rules and should also meet conditions (if any) stipulated in Consent to Establish and Consent to Operate.
- (v) Diesel power generating sets proposed as source of back-up power should conform to rules notified under the Environment (Protection) Act, 1986 for diesel generator sets.
- (vi) Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.

PART B - GENERAL CONDITIONS:

- (i) A copy of the clearance letter shall be uploaded on the websites of the Company/Proponent and concerned State Pollution Control Board. The Clearance letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.
- (ii) 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.
- (iii) A six-monthly monitoring report shall need to be submitted by the project proponent to the concerned regional Office of this Ministry regarding the implementation of the stipulated conditions.
- (iv) The Ministry of Environment, Forest & Climate Change 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 shall be complied with.
- (v) Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- (vi) The above stipulations would be enforced among others under the provisions of the 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, the EIA Notification, 2006 and the CRZ Notification, 2011.

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- (vii) Full co-operation shall be extended to the officials from the Regional Office of MoEF&CC, during monitoring of implementation of environmental safeguards stipulated. It shall be ensured that documents/data sought pertinent is made available to the monitoring team. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the concerned Regional Office of MoEF&CC.
- (viii) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
- (ix) The Ministry reserves the right to add additional safeguard measures subsequently, if considered necessary, and to take action to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner, including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, for non compliance.
- (x) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponent from the respective competent authorities.
- (xi) The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board (SPCB) and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at <http://www.envfor.nic.in>. The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the concerned Regional Office of this Ministry.

4. This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.

5. Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

6. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.



7. The proponent shall upload the status of compliance of the stipulated conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.

8. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of clearance conditions and shall also be sent to the respective Regional Office of the Ministry by e-mail.


(Arvind Nautiyal)
Director

Copy to:

1. The Secretary, Environment & Forests Department, Govt of Tamil Nadu, Saint George Port, Chennai.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD- cum- Office Complex, East Arjun Nagar, Delhi - 110032.
3. The Chairman, Tamil Nadu, Environment and Forests (EC.3) Department, Secretariat, Chennai-9.
4. The Chairman, Tamil Nadu State Pollution Control Board, 76, Mount Salai, Guindy, Chennai – 600032.
5. The APCCF (C), MoEF&CC, RO, 1st Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai-34.
6. Guard File.
7. Monitoring File.


(Arvind Nautiyal)
Director

