

F.No.11-21/2018-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: 31<sup>st</sup> December, 2018

To,

Mr Jayanti D Tandel  
H No 12/ 343, Daji Ni Wadi,  
Opp Govt Hospital,  
Nani daman,  
Daman (UT) 396210

**Sub: Post Facto CRZ Clearance for Silver Waves Resort and Spa, Daman and Diu - reg.**

Sir,

This has reference to your proposal No. IA/DD/MIS/75658/2018, received in this Ministry for Post Facto 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 196<sup>th</sup> meeting held on 31.08.2018. The details of the project as per the documents submitted and presented during the aforesaid meeting are as under:

- i) The total plot area is 8100 sq.m and built-up area is 4969.26 sq.m and situated within Daman Municipal Council limits.
- ii) The site falls under CRZ-II as per approved CZMP.
- iii) The FSI is 0.59 and the height of the building is 9.07 m.
- iv) Daman Municipal Council (DMC) has approved the plan and has issued final Completion Certificate No. 4/3-83/13-14/DMC/18-19/801, dated 26.06.2018.
- v) The resort consists of 84 Rooms, Conference-Banquet Hall, Restaurant, Kitchen, Swimming Pool, Health Club-Spa and Landscaped Banquet Lawns.
- vi) The CRZ map indicating HTL, LTL demarcation in 1:4000 scale with the proposed site superimposed on the map has been prepared by Indian Institute of Remote Sensing, Chennai.
- vii) An STP of 90 KLD capacity is installed.
- viii) Organic Waste Composting facility having a capacity of 80~100 Kgs/day is also installed.
- ix) Total water requirement will be 128.5 KLD, out of which 45 KLD shall be met from recycled water from the STP. PWD Daman has sanctioned the water supply for 30 KLD at present. In addition, the proponent informed that PWD

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INDIA  
ENVIRONMENTAL CONTROL COMMITTEE  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE  
Daman & Diu and Dadra & Nagar Haveli  
Jor Bagh Road, New Delhi-3  
Date: 31/12/2018

Daman has approved supply of an additional 60 KLD from November, 2018 onwards.

- x) No ground water will be extracted.
- xi) Rain Water of about 7500 m<sup>3</sup> will be recharged annually through the Rainwater Harvesting System already built in the project site.
- xii) At present there is a storage capacity of 400 m<sup>3</sup> of rain water which is about 8 day's storage during monsoons.
- xiii) Solid waste shall be managed strictly in accordance with the Solid Waste Management Rules, 2016.
- xiv) Total power requirement will be 600 KVA, which is already obtained from Daman Electricity Department.
- xv) A D.G set of 500 KVA will be installed for back-up power supply during load shedding.
- xvi) Local and native plant species are planted around the resort.
- xvii) Extreme care was taken not to cut the coconut trees and construction has been carried out around them.
- xviii) Use of natural lighting and ventilation, led bulbs, light sensors, energy meters, drip irrigation, automatic sprinklers for landscape are adopted in the project.
- xix) Environmental mitigation measures for this project will be adopted such that the project is a role model for other hotels/resorts in the area.
- xx) The total cost of the project is Rs. 30.0 crores.
- xxi) About 150- 175 direct employment will be generated, out of which at least 10% will be women and physically challenged.
- xxii) DDCZMA has recommended the project vide its letter No PCC/DDCZMA/DAMAN-47/2018-19/239, dated 27.06.2018.

3. Based on the information submitted as at para no. 2 above and others and information provided during the presentation before the Expert Appraisal Committee, the Ministry of Environment, Forest and Climate Change in acceptance of the recommendation of the said Committee hereby accords Post facto CRZ Clearance to the above project viz '*Silver Waves Resort and Spa, Daman and Diu*' 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) 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 9<sup>th</sup> June, 2015, are followed to ensure sustainable environmental management.
- (ii) A 2% of the cost of the project shall be apportioned for environmental protection measures, to be spent by the project proponent during the currency of the project. Proper record and account of measures taken shall be maintained and submitted to the DDCZMA every six months.

- (iii) 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.
- (iv) No ground water shall be withdrawn and existing bore wells shall be capped and concerned authorities informed.
- (v) 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 manner during the development of the project itself.
- (vi) The treated wastewater shall be recycled and reused to reduce the demand of fresh water.
- (vii) 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.
- (viii) Construction shall be strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.
- (ix) The project shall be implemented as a role model for a resort in the area with a robust environmental conservation measures in place including use of solar energy, recycling of waste by way of installing sustainable Organic Converter etc.
- (x) The project proponent shall examine possibility of installing solar Panels all along open spaces available and rooftops for generation of renewable energy.
- (xi) Solid waste shall be managed as per Solid Wastes Management Rules, 2016.
- (xii) All liquid waste arising from the resort/hotel 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. It shall be ensured that the wastewater generated is treated in a STP. The treated waste water shall be reused for landscaping, flushing and / or HVAC cooling purposes etc. (as applicable) 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) 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.



- (xiv) 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.
- (xv) 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.
- (xvi) 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.
- (xvii) 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.

#### **PART B - GENERAL CONDITIONS:**

- (i) A copy of the clearance letter shall be uploaded on the website of the 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 (as may be applicable) 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.
  - (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 31<sup>st</sup> 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.

  
(W. Bharat Singh)  
Director / Sc 'F'

Copy to:

1. The Secretary, Department of Science, Technology & Environment, Union Territory Daman & Diu, Fort Area, Post Office Moti Daman, Daman & Diu (UT)- 396220.
- ✓ 2. The Member Secretary, Coastal Zone Management Authority, Union Territory Daman & Diu, 1<sup>st</sup> floor, Udyog Bhawan, Bhenslore, Nani Daman- 396210.
3. The Member Secretary, State Pollution Control Board, Union Territory Daman & Diu, 1<sup>st</sup> floor, Udyog Bhawan, Bhenslore, Nani Daman- 396210.
4. The Chairman, Central Pollution Control Board Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/ Record File/ Notice Board.

  
(W. Bharat Singh)  
Director / Sc 'F'