

534/c

**GOA STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY**

Constituted by the Ministry of Environment, Forest and Climate Change,  
Government of India

C/o Department of Environment and Climate Change  
4th Floor, Dempo Towers, Patto Panaji Goa - 403001.  
e-mail: goaseac@gmail.com

No: SIA/GA/INFRA2/416836/2023/29

Date: 14/06/2024

To,  
**Goa Tourism Development Corporation Limited**  
2nd Floor, Paryatan Bhavan,  
Patto Panaji - Goa



**Sub:- Combined Environmental and CRZ Clearance for Goa Tourism  
Development Corporation (GTDC) Limited for proposed five star  
resort in property bearing Survey No. 206/1-H, 210/5-A, 211/1,  
211/2, 211/3, 211/4, 211/5, 211/6, 211/7, 211/8, 212/1, 212/2, 212/3,  
212/4, 212/6 in Anjuna Village, Bardez Taluka, North Goa.**

Sir / Madam,

I am directed to refer to your application dated 03/02/2023 on Parivesh Portal seeking prior Environmental Clearance (EC) for the above project under the EIA Notification, 2006 (*as amended*). Accordingly, the above proposal was screened and appraised under Category 8 (a), Building & Construction project on the basis of the documents enclosed with application viz. Form 1, Form 1A, Conceptual plan as well as additional clarifications furnished in response to the observations made by the Goa State Expert Appraisal Committee (*hereinafter referred as "Goa-SEAC"*). Further, the Goa-SEAC in its 177<sup>th</sup> meeting held on 3<sup>rd</sup> May 2023 decided to recommend the said proposal to the Authority for grant of Environmental Clearance under the provision of EIA Notification 2006 (as amended) with certain 'Specific Conditions' to be complied by the Project Proponent.

The Goa State Environment Impact Assessment Authority (Goa-SEIAA) in its 107<sup>th</sup> Goa-SEIAA meeting held on 4<sup>th</sup> July 2023, decided to grant Environmental Clearance under the provision of EIA Notification 2006 (as amended) till date. The Environmental Clearance was issued on 19/07/2023 to

533/c

the Project Proponent vide EC Identification No. EC23B038GA174500.

Further, the Town and Country Planning Department of Goa approved the plans for the said project with minor technical changes without any change in the total built-up area of the project. The matter was placed in 376<sup>th</sup> Goa Coastal Zone Management Authority's meeting held on 02/12/2023 in which it was decided to forward the said application to MoEF&CC for further comments.

The MoEF&CC through letter No. 11/19/2024-IA.III dated 04/06/2024 directed the Goa State Environment Impact Assessment Authority to grant the combined Environmental and CRZ Clearance under para 4.2 of the CRZ Notification 2011. The matter was discussed in 124<sup>th</sup> Goa-SEIAA meeting held on 06/06/2024 and the Authority decided to grant combined Environmental and CRZ Clearance to the Project Proponent with following conditions.

Project details and salient features of the proposed developmental activity is as under:-

Sr. No.	Description	Details
	Name of the project Proponent	Goa Tourism Development Corporation
	Address for Communication	Full Name: Kundan D. Naik Designation: Dy. GM (Finance & Properties) Address: 2 <sup>nd</sup> Floor, Paryatan Bhavan, Patto, Panaji – Goa Pin Code: 403001 Email Address: Kundan@Goa-Tourism.Com Mobile Number: 9822101365
	Name & location of the project	Survey Nos. 206/1-H, 210/5-A, 211/1, 211/2, 211/3, 211/4, 211/5, 211/6, 211/7, 211/8, 212/1, 212/2, 212/3, 212/4, 212/6 Anjuna Village Bardez Taluka North - Goa
	Plot Area	70,462 sq.m
	Net plot Area	69,754.91 sq.m
	FSI Area	17,946.81 sq.m
	Non-FSI Area	8,415.45 sq.m
	Total construction Area	26,362.26 sq.m.
	Building configuration & Height	Guest Rooms- G +1

532c

of the building	Restaurant/banquet- 2 basements+G+1 Maximum Height - 9 m																								
No. of shops	161 Nos. Guest Rooms 550 Nos. Banquet Capacity																								
Total water requirement (Construction / operation phase)	<p>Construction Phase: Total Water Requirement- 25 cmd Domestic- 5 cmd Construction activity- 20 cmd</p> <table border="1"> <thead> <tr> <th>Water Requirement</th> <th>Dry Season</th> <th>Wet Season</th> </tr> </thead> <tbody> <tr> <td>Domestic</td> <td>183 CMD</td> <td>183 CMD</td> </tr> <tr> <td>Laundry</td> <td>35 CMD</td> <td>35 CMD</td> </tr> <tr> <td>Flushing</td> <td>41 CMD</td> <td>41 CMD</td> </tr> <tr> <td>Gardening</td> <td>232 CMD</td> <td>0 CMD</td> </tr> <tr> <td>Cooling</td> <td>49 CMD</td> <td>49 CMD</td> </tr> <tr> <td>Other</td> <td>43 CMD</td> <td>43 CMD</td> </tr> <tr> <td><b>Total water required</b></td> <td><b>583 CMD</b></td> <td><b>351 CMD</b></td> </tr> </tbody> </table>	Water Requirement	Dry Season	Wet Season	Domestic	183 CMD	183 CMD	Laundry	35 CMD	35 CMD	Flushing	41 CMD	41 CMD	Gardening	232 CMD	0 CMD	Cooling	49 CMD	49 CMD	Other	43 CMD	43 CMD	<b>Total water required</b>	<b>583 CMD</b>	<b>351 CMD</b>
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Sewage generation	226 cmd																								
STP Capacity / Proposed Technology	240 cmd (SBR Technology)																								
Energy Efficiency	Saving To Common By Using Renewable Energy 5%. Total Annual Saving In Percentage 15% with 25% of power saving at the end of 5 years.																								
Total Solid Waste Quantities	Total solid waste generation: 485 kg/day Biodegradable Waste: 157 kg/day Non- Biodegradable Waste: 236 kg/day Garden waste:92 kg/day																								
Parking 4 W and 2W	Four- Wheeler Required- 80 Nos Four- Wheeler Required- 145 Nos																								
Power requirement	<ul style="list-style-type: none"> <li><b>Construction phase</b> Source: GED (Goa Electricity Department) Requirement: 50 KW</li> <li><b>Operation phase</b> Source: GED (Goa Electricity Department) Connected Load: 3167.26 kW Maximum Demand Load: 1607.70 kW Transformers: 2 Nos. x 1250 KVA Power Back up: 2 Nos. of 1010 kVA DG Sets</li> </ul>																								
D.G set Capacity	2 Nos. X 1010 kVA																								

531/c

EMP cost (including DMP cost)	<b>During construction Phase:</b>			
	<b>Environment Protection Measure</b>	<b>Capital Cost (Rs. In Lakhs)</b>		
	Debris / Top-soil management	2		
	Transplantation of trees	--		
	Toilets for labour + drinking water + first aid arrangement	2		
	Environmental monitoring	--		
	<b>TOTAL</b>	<b>4</b>		
	<b>During Operation Phase:</b>			
	<b>Environment Protection Measure</b>	<b>Capital Cost (Rs. In Lakh)</b>	<b>Recurring Cost per annum (Rs. In Lakh)</b>	
	Sewage Treatment Plant	40.0	10.0	
	Solid Waste Management	10.0	1.0	
	Rainwater Harvesting	50.0	1.0	
	Green Belt & Landscaping	10.0	1.0	
	Energy Saving Measures	50.0	10.0	
Environmental monitoring	Nil	1.5		
Disaster Management Plan	605.90	54.80		
<b>TOTAL</b>	<b>765.9</b>	<b>79.30</b>		
RWH tank Capacity	Nil			
No. of trees to be planted on site	880 Nos.			
No. of trees on site	275 Nos.			
No. of trees to be cut	147 Nos.			

**1. Project Proponent needs to comply to the following "General Conditions" during construction phase:**

- a. The Project Proponent should use Ready-Mixed Concrete (RMC) to minimize air / water/ land pollution and water usage during the construction phase.
- b. Project Proponent should adopt roof-top rainwater harvesting/ conservation measures to optimally utilize the water availability by constructing sumps for collection of rainwater as per the site-specific location details provided.
- c. **Project Proponent should not disturb the natural drainage and as far as possible maintain the original topography while designing for landscape development by planting local plant species and which are not alien to the prevailing environment.**
- d. Project Proponent should clarify any issue related to public objections, if any, and should not conceal the scientific facts in light of the proposed developmental activity vis-à-vis its landuse categorization/ zoning.
- e. The construction gross built up area of proposed construction is **26362.26** Sq.mts shall be in accordance with the existing FSI/ FAR norms of the local body and planning authorities and it should ensure the same along with survey number before approving layout plan and before according commencement certificate to proposed work.
- f. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- g. 'Consent to Establish' shall be obtained from the Goa State Pollution Control Board (GSPCB) under Air Act and Water Act, as applicable, failing which the Environmental Clearance herein shall be deemed to be withdrawn and a copy shall be submitted to the Authority within 30 days of starting construction work at site.
- h. Project proponent shall not make any change in the Surface Layout Plan/ Civil Plan submitted to the Authority without its prior permission. In case of any change(s) in the scope of the project and/or otherwise, the project proponent needs to inform this Authority.
- i. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP safe drinking water, medical health care, crèche and first aid room etc. The safe disposal of waste water and solid waste generated during the construction phase should be ensured.
- j. Arrangements shall be made that waste water and storm water do not get mixed.

style

- k. All the top soil excavated during construction activities should be stored if or use in horticulture/ landscape development within the project site.
- l. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- m. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary authorisation of the GSPCB.
- n. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standard and should be operated during non-peak hrs.
- o. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution load 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 construction phase, so as to conform to the stipulated standard by CPCB/ GSPCB.
- p. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquakes, adequacy of fire fighting equipment etc. as per National Building Code (NBC) including measures from lighting.
- q. Storm water controlled and its re-use as per Central Ground Water Board (CGWB) and Bureau of Indian Standards (BIS) for various applications.
- r. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- s. Use of glass may be reduced upto 40% to reduce electricity consumption and load on air-conditioning. If necessary, use high quality double glass with special reflective coating in windows.
- t. Roof should meet prescriptive requirement as per energy conservation building code by using appropriate thermal insulation material.
- u. Energy conservation measures like installation of only for LEDs' 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 of LED's, if any, should be properly collected and disposed off / sent for recycling as per the prevailing guidelines / rules of the regulatory authority to avoid mercury contamination.

- v. Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
- w. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided by providing separate entry and exit gate. Parking should be fully internalized and no public place should be utilized.
- x. The Project Proponent will lay a direct line for disposal to sewerage network of common STP or else Project Proponent shall make suitable provision for sewage disposal by providing Sewage Treatment Plant on site.
- y. The PP should install STP plant with tertiary treatment including IOT Based Multistage ultra filtration system with UV Treatment for recycling water for flushing etc. with the approval of GSPCB.
- z. PP shall install IOT Based system for monitoring operation of all the equipments and process of the STP and connect to GSPCB server.
- aa. Opaque wall should meet prescriptive requirement as per energy conservation board which is proposed to mandatory for all air conditioned spaces while it is aspiration for non- air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- bb. The buildings should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
- cc. Regular supervision of the above and other measures for monitoring should be in placed all through the construction phase, so as to avoid disturbance to the surroundings.
- dd. Under the provisions of Environment Protection Act 1986, legal action shall be initiated against the Project Proponent if it was found that construction of the project has been started without obtaining EC.
- ee. Six monthly compliance reports should be submitted to the MoEF&CC with copy to the Goa-SEIAA and GSPCB in hard as well as soft copy format for the period upto the Project completion.

522/c

**2. Project Proponent should implement Dust mitigation measures for construction activities such as:**

- a. Roads leading to or at construction sites must be paved and blacktopped (i.e metallic roads).
- b. No excavation of soil shall be carried out without adequate mitigation measures in place.
- c. No loose soil or sand or construction and demolition waste or any other construction material that causes dust shall be left uncovered.
- d. Wind-breakers of appropriate height i.e 1/3<sup>rd</sup> of the building height and maximum upto 10 meters shall be provided.
- e. Water sprinkling system shall be put in place.
- f. Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing.
- g. New serial No. '107' has been inserted which relates to mandatory implementation of dust mitigation measures for all construction and demolition activities.
- h. Grinding and cutting of building materials in open area shall be prohibited.
- i. Construction material and waste should be stored only within earmarked area and roads side storage of construction material and waste shall be prohibited.
- j. No uncovered vehicles carrying construction material and waste shall be permitted.
- k. Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures shall be notified at the site.

**3. Further,** the Committee decided to direct the Project Proponent to comply with the following "**General Conditions**" during post-construction phase:-

- a. Separate funds shall be allocated for implementation of environmental protection measures / EMP along with item wise breaks-up. The funds earmarked for the environment protection measures shall not be diverted for other purposes.
- b. The Project Proponent shall upload the status of the compliance of the stipulated EC conditions, including results of monitoring data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEF & CC, the respective Zonal office, CPCB and the GSPCB. The pollutant levels in



26/c

respect of SPM, RSPM, SO<sub>2</sub> and NO<sub>x</sub> (*ambient levels as well as D.G. stack emissions*) shall be monitored.

- c. The Project Proponent should provide facilities for storage and segregation of waste generated in three separate streams i.e bio-degradable, Non bio-degradable and domestic hazardous waste in suitable bins and handover segregated wastes to authorized waste pickers or waste collectors as per the directions or notifications by the local Authorities and Goa State Pollution Control Board.
- d. 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 site with the approval of competent authority.
- e. Project Proponent shall store separately construction and demolition waste, as and when generated, in their own premises and shall be disposed of as per the Construction and Demolition Waste Management Rules 2016.
- f. The Project Proponent store horticultural waste and garden waste in their own premises and shall be disposed as per the directions of the local bodies.
- g. The Project Proponent in partnership with local bodies shall ensure segregation of waste at source by the generators as prescribe in the rules, facilitate collection of segregated waste in separate streams, handover recyclable material to either the authorized waste pickers or the Authorized recyclers. The bio-degradable waste shall be processed, treated and disposed off through composting or bio- methanation within the premises as far as possible. The residual waste shall be given to the waste collector or agency as directed by the local body.
- h. Noise should be controlled to ensure that it does not exceed the prescribed standards both during day & night time.
- i. The ground water drawl from existing/proposed bore wells if any should be done only with the prior permission of Ground Water Board. The ground water level and its quality should also be monitored regularly both during construction and operation phase in consultation with Ground Water Board.
- j. Energy Conservation measures such as solar lighting for common area, solar water heating system, LED's for lighting of areas, LED lights for signage, solar inverters on the etc should be adopted.
- k. Used LED lights should be properly collected and disposed off / sent for recycling as per the prevailing guidelines / rules of the regulatory authority to avoid mercury contamination.

- 525/c
- l. A Report on energy conservation measures conforming to energy conservation norms finalized by Bureau of energy Efficiency should be prepared incorporating details about building materials and technology, R & U factors etc and submit to the State Expert Appraisal Committee and a copy to GSPCB in three months time.
  - m. Further this EC is issued without prejudice to the action initiated in the Environment (*Protection*) Act or any court case pending in the court of law. As such, it does not mean that the PP has not violated any environmental laws in the past and whatever decision under the said Act by the Hon'ble Court will be binding on the PP. Hence, this environmental clearance does not give immunity to the PP in the case complaint is filed against, if any, or action initiated under the said Act.

#### 4. Specific Conditions

- a. The approach road leading to the site should be constructed prior to commencement of any construction activity at site as per the regulations of the Town & Country Planning Department.
- b. Project Proponent should prioritize the issues related to health and hygiene in complying with the matters related to waste disposal and treatment / air and water pollution / waste-water management.
- c. Project Proponent needs to ensure that no treated water or any waste sewage shall be discharged into any water body. E-waste shall be disposed through Authorized vendor as per E-waste (*Management and Handling*) Rules, 2011.
- d. Project Proponent (PP) should necessarily make appropriate provision while constructing the roof-tops at the time of construction stage only to enable installation of solar panels towards south facing walls as and when made applicable in future.
- e. The Project Proponent shall utilise fly ash bricks in masonry works.
- f. At least 20% of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.
- g. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window and roof u-values shall be as per ECBC specifications.

- h. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- i. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate re circulation lines for flushing by giving dual plumbing system be done.
- j. The project proponent will provide landscape bed of 600mm wide X 600mm deep along the periphery of the plot to carry out plantation of trees. The treated water will be pumped through high flow drips on these beds to prevent outflow of treated sewage water outside the premises.
- k. Areas which are marked as No Development Zone (NDZ) should be clearly marked on site and no construction shall be carried out in the said NDZ. Land Profile of NDZ shall not be altered.
- l. No construction shall be done over the portion of land, shown as open space in the site plan.
- m. Project Proponent should obtain all the requisite permissions / NOCs / Licenses etc from all the competent authorities before commencement of any activity at site.
- n. *Solar power generation* - Every major consumer of conventional power will have to generate and opt for certain percentage of power generation from the non-conventional sources. In this context, Project Proponent (PP) should necessarily make appropriate provision while constructing the roof-tops at the time of construction stage to enable installation of solar panels including battery storage system. In addition south facing walls to be utilized to installed solar panels to harness optimum solar energy. Use of solar panels may be done to the extend possible like installing solar street lights. Project Proponent should install after checking feasibility solar plus hybrid conventional source as source of energy. PP should ensure storage of solar and release in the grid during peak hours.
- o. Solar based electric power shall be provided to each unit for at least two bulbs / lights and one fan. As proposed central lighting and street lighting shall also be based on solar power.
- p. This Environmental Clearance is issued subject to land use verification. Local authority/ planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any, from time to time. Judgments / Orders issued by Hon'ble High Court, NGT, Supreme Court regarding

52312

DCR provisions, environmental issues applicable in this matter should be verified by the competent authorities.

- q. Project Proponent should ensure and ascertain that 'civil plans' which were submitted to the Committee/ Authority during the process of project appraisal be submitted to other line Departments/ agencies concerned while seeking NOC/ Consents/ Permissions, as applicable. If any discrepancy is found in the plans submitted or details provided may be reported to this Authority. This environmental clearance is issued with respect to the environmental considerations and it does not mean that Goa-SEIAA approved the proposed land.
- r. A complete set of all the documents submitted to Goa-SEIAA should be forwarded local Authority, GSPCB and Planning authority.
- s. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the Goa-SEIAA.
- t. **Green Building norms should be followed with a minimum 3 star GHIHA/IGBC/ASSOCHAM GEM rating and Gold rating should be followed up.**
- u. The Project Proponent shall use construction debris for land filling wherever applicable and dispose the C & D waste in compliance to the Construction and Demolition Waste Management Rules.
- v. Bore well water is not to be used for construction phase, only used for drinking purpose and Project Proponent should maintain the meter reading on regular basis.
- w. Project Proponent should install Bio-gas plant to treat the Bio degradable waste.
- x. Building should be constructed as per National Building Code 2016 part-IV.
- y. Project Proponent should do Corporate Environmental Responsibility as recommended / approved by Goa - SEAC/ Goa SEIAA.
- z. As per office memorandum issued by MoEF&CC dated 1<sup>st</sup> May 2018, some of the activities which can be carried out in CER, are infrastructure creation for Drinking Water Supply, Sanitation, Health, Education, Skill Development, Roads, Cross Drains, Electrification including Solar Power, Solid Waste Management Facilities, Scientific Support and Awareness to Local Farmers to increase yield of crop and fodder, Rain Water Harvesting, Soil Moisture Conservation Works, Avenue Plantation, Plantation in Community areas, etc.

522/c

- aa. E-waste generated in the complex should be managed as per CPCB guidelines on E-waste management.
- bb. The Goa-SEIAA reserves their right to add any stringent condition or to revoke the environmental clearance, if conditions stipulated above are not implemented to the satisfaction of the Authority or for that matter, for any other administrative reasons.
- cc. The project Proponent has to replace all acacia trees from the site by following due procedure; also plant local varieties of trees in No Development Zone (NDZ) of the property.
- dd. The Project proponent has to maintain the natural drains existing on the site.
- ee. The slope towards sea to be conserved and not to undertake any undue development work along the slop.
- ff. Further, progress will be reviewed after six months (*minimum 3 times in a year depending upon progress of the work*). Further, the compliance to these conditions as and when submitted by Project Proponent will be verified / ascertained by the authority to propose additional conditions if any.
- gg. In case of submission of false document and non-compliance to any of the stipulated conditions, this Authority will revoke or suspend the EC without any intimation and initiate appropriate legal action under the Environment (*Protection*) Act, 1986 (*as amended till date*).
- hh. PP should make suitable provisions to construct a Vertical garden.
- ii. PP should install Hybrid Thermal Solar System for energy saving for air conditioner.

**5. In addition,** the following conditions shall be specifically complied with:

- a. Project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Konkani or Marathi language within seven days of receipt of this communication, informing that the proposed project has been accorded prior Environmental Clearance (EC) and the copies of the clearance letter will be available on the PP website.
- b. **Validity of the Environmental Clearance (EC) accorded shall be for a period of 07 (seven) years from the date of its issue.**
- c. 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*

521/c  
*Pollution*) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.

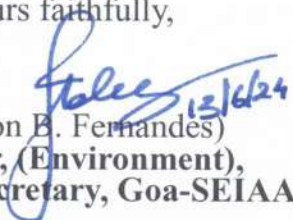
- d. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority.
- e. Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.
- f. Any appeal against this prior environmental clearance shall lie with the National Green Tribunal (NGT), if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010 (*Central Act 19 of 2010*).

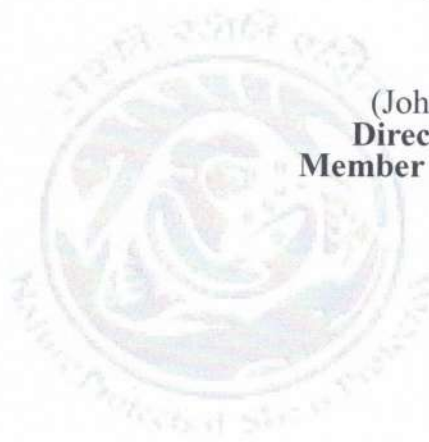
**6. Further, the Project Proponent needs to comply with the following recommendations by MoEF&CC.**

- i. The proposed construction should be as per extant norms given at Annexure-III of the CRZ Notification, 2011 and as amended from time to time and SCZMA shall ensure that no work has been commenced in CRZ area prior to obtaining combined EC+ CRZ Clearance.
- ii. Entire NDZ area of the project site should be developed as multi layered green belt with suitable tree species, no lawn area shall be developed in NDZ. Proponent should prepare 10 year plan for proper maintenance of proposed green belt. Accordingly, and cost for green belt development should be increased in consultation with Forest Department and same should be submitted concern IRO.
- iii. The overall height of the construction upto the highest ridge of the roof shall not exceed 9 meters and the construction shall not be more than two floors(Ground floor+ One Upper floor)..
- iv. The total covered area on all floors shall not exceed 33% of the plot size i.e. the Floor Space Index shall not exceed 0.33.
- v. A minimum of 10% of the total electricity requirement shall be achieved through the installation of the solar panels in the resort.
- vi. No ground water shall be extracted within the CRZ area to meet the water requirements during the construction and / or operation phase of the project and Rainwater Harvesting Plan shall be prepared and implemented.
- vii. Permanent labour camp , machinery and material storage shall not be set up in the CRZ area.

- viii. Top soil excavated during construction activities shall be stored for use in horticulture/landscape development etc. within the project site.
- ix. Construction material and structures/scaffoldings erected for construction at site shall be cleared immediately after finishing construction and it shall be ensured that no construction waste, garbage and machinery or equipment are left post construction.
- x. All the conditions stipulated by the Gujarat Coastal Zone Management Authority for CRZ Clearance under CRZ Notification, 2011 vide its letter No. ENV-10-2022-64-T, dated 04/01/2024 and commitments made by the Project Proponent before the GCZMA and EAC shall be followed in letter and spirit.
- xi. All the necessary clearance from the concerned Authorities as may be applicable should be obtained prior to commencement of the project or activity.

Yours faithfully,

  
(Johnson B. Fernandes)  
**Director, (Environment),**  
**Member Secretary, Goa-SEIAA**



520/c