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File No: 11/22/2024-IA.III  
Government of India  
Ministry of Environment, Forest and Climate  
Change  
IA-III Section (CRZ)  
Centralized Processing Centre - Green  
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Dated 03/07/2024

To,

**The General Manager,  
M/s Tamil Nadu Tourism Development Corporation Limited**

**Tamil Nadu Tourism Complex No.2,  
Wallajah Road, Triplecane,  
Chennai 600002, Tamil Nadu**

E-mail- [gmttdc@gmail.com](mailto:gmttdc@gmail.com)

**Subject:**

**Proposal for CRZ Clearance – Upgradation of Pichavaram (Arignar Anna Tourism Complex maintained by TTDC) as major tourist destination at S.F.No.338/1 & 338/2 of Killai (South) Village, Chidambaram Taluk, Cuddalore district by the M/s Tamil Nadu Tourism Development Corporation Ltd, Chennai – regarding**

**Sir/Madam,**

This has reference to your proposal No. IA/TN/CRZ/447147/2023 dated 09/10/2023 on the above mentioned project proposal 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 Ministry of Environment, Forest and Climate Change has examined the proposal for 'Upgradation of Pichavaram (Arignar Anna Tourism Complex maintained by TTDC) as a major tourist destination at S.F.No.338/1 & 338/2 of Killai (South) Village, Chidambaram Taluk, Cuddalore district by Tamil Nadu Tourism Development Corporation Ltd, Chennai'.

3. The proposal was considered by the Expert Appraisal Committee (EAC) for Infrastructure Development, Coastal Regulation Zone, Building/Construction and Miscellaneous projects, in its 365<sup>th</sup>

meeting held on 16/05/2024. The Project Proponent (M/s Tamil Nadu Tourism Development Corporation Ltd) along with his EIA consultant (M/s ABC Techno Labs India Private Limited) have made a presentation on above said proposal and informed the following salient features of the proposal, including the details provided in the application of the project, to EAC:

1.	Brief description of the Project	The instant proposal is for seeking CRZ Clearance as per CRZ Notification 2011 for up gradation of the existing tourism centre (Argnar Anna tourism complex maintained by TTDC) at Pichavaram. The proposed Eco-tourism centre is located Killai south village in Pichavaram, Chidambaram Taluk, and Cuddalore district of Tamil Nadu. The total area of the project site is 21,327 Sq.m (5.27 acres) including S. F. Nos. 338/1 & 338/2 and the proposed structures encompass about 2,251.46 Sq.m.
2.	Salient features / Components of the project activity:	
<b>Proposed Area Statement</b>		
<b>SL. NO</b>	<b>COMPONENTS</b>	<b>AREA (IN Sq.m)</b>
1	Admin and Manager Block	90
2	Waiting lounge and toilet block	113
3	Gazebos	38
4	Pergola near mangrove side	48
5	Food kiosk, dining, service area	276
6	Outdoor dining	290
7	Watch tower	38
8	Retail shops	197
9	Children's park	158
10	Board Walk	186
11	Site development & parking area	817.46
<b>Total</b>		<b>2251.46</b>

<b>Area to be renovated</b>			
1	Waiting area	131.45	
2	Reconstruction of view tower	28.08	
1	<b>Open area (21327-2410. 99 Sq.m)</b>	<b>18,916.01</b>	
3.	CRZ Report/Maps prepared by	Institute of Remote Sensing, Anna University, Chennai	
4.	CRZ Categorization as per CRZ Report		
<b>Sl. No</b>	<b>Proposed structures</b>	<b>Sq. m</b>	<b>Total Area in Sq.m</b>
Project Site Boundary	CRZ - 1A (50m Mangrove Buffer Zone)	2881.89	21,327.00
	CRZ - II	17,159.20	
	Outside CRZ	1,285.92	
Proposed Structures	CRZ - II	2,233.86	2,251.46
	Outside CRZ	17.60	
Area to be Demolished	CRZ - 1A (50m Mangrove Buffer Zone)	113.50	715.66
	CRZ - II	602.16	
Area to be Renovated	CRZ - II	131.45	131.45
Reconstruction of View Tower	CRZ - II	28.08	28.08
5.	Applicability of EIA Notification 2006	Not Applicable	
6.	NOC from SPCB	Not Applicable	

7.	Certified Compliance Report from IRO (Expansion/Amendment Case)	Not Applicable																
8.	<p>Permissibility of project as per CRZ Notification 2011/2019 (mention the Clause)</p> <p>As per CRZ Notification 2011 (As amended upto 22/03/2016), S.O.19 (E) the pertaining clauses as mentioned is reproduced below for reference.</p> <table border="1"> <thead> <tr> <th>Sl. No</th> <th>Name of the content</th> <th>CRZ Classification</th> <th>Permissible Clause Under CRZ 2011 notification</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Project site boundary</td> <td>CRZ - 1A 50m Mangrove Buffer Zone (no activities proposed), CRZ -II, Outside CRZ</td> <td>8 (II) (I),(ii)</td> </tr> <tr> <td>2.</td> <td>Proposed structures</td> <td>CRZ - II</td> <td>8 (II) (I),(ii)</td> </tr> <tr> <td>3.</td> <td>Area to be Demolished</td> <td>CRZ - II</td> <td>8 (II) (I),(ii)</td> </tr> </tbody> </table>		Sl. No	Name of the content	CRZ Classification	Permissible Clause Under CRZ 2011 notification	1.	Project site boundary	CRZ - 1A 50m Mangrove Buffer Zone (no activities proposed), CRZ -II, Outside CRZ	8 (II) (I),(ii)	2.	Proposed structures	CRZ - II	8 (II) (I),(ii)	3.	Area to be Demolished	CRZ - II	8 (II) (I),(ii)
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9.	EIA Consultants details	M/s ABC Techno Labs India Private Limited, Chennai																
10.	Baseline period for EIA	April 2023																
11.	Applicability of Terrestrial and Marine EIA	Incorporated in the EIA report																
12.	Anticipated impacts (mention page no of EIA)	Anticipated Impacts are detailed in Chapter 4 (Page. No. 138)																
13.	Mitigation measures proposed (mention page no of EIA)	Mitigation Measures are detailed in Chapter 4 (Page. No. 138)																
14.	Disaster Management Plan (mention page no of EIA)	Disaster Management Plan (DMP) are discussed in Chapter 7 under the section 7.3 (Page. No. 146)																
15.	Risk Assessment (mention page no of EIA)	Risk Assessment are discussed in Chapter 7 under the section 7.2 (Page. No. 149)																
16.	Total Project cost	8.38 crore																
17.	Is project located in erosion prone area (yes/no)	No																

18.	If yes, specific the management plan proposed	No
19.	EMP cost proposed (capital and recurring)	CER Cost is 8.38 lakhs EMP Cost: 1. Capital Cost is 6.62 lakhs 2. Recurring Cost is 0.67 lakhs
20.	Forest Clearance requirement	Not Applicable
21.	Wildlife Clearance Requirement	Not Applicable
22.	Proposed Green Cover	-
23.	Proposed budget for green cover development	-
24.	Rain water harvesting	Recharge Pits are Provided
25.	Proposed budget for rainwater harvesting	-
26.	Details of tree Cutting	No
27.	Details of compensatory afforestation proposed	Budget of Mangrove Management Plan – 2 Lakhs
28.	Proposed energy conserving measures	-
29.	Power Requirement and Source	Power supply is from TNEB and the estimated power requirement is 60 kVA power supply/day and 1 number of existing DG set with capacity of 62 kVA.
30.	Water requirement and source	Total water requirement for the proposed project is 15 KLD during construction phase and 21 KLD during Operation phase. The required water quantity will be met through local panchayat. The above water requirement is based on 45 litres/day as per NBC norms.
31.	Waste water Treatment	Sewage water will be treated in STP (Moving Bed Biofilm Reactor) with the capacity of 40 KLD. Treated Water will be used for Green belt, Avenue plantation and Toilet flushing

32.	Solid Waste Generation	31 kg/day
33.	Solid Waste management	The generated solid waste will be disposed of by local Panchayat based on Solid waste Management – 2016 norms.
34.	Hazardous waste Management	Not Applicable
35.	Resettlement and Rehabilitation	Not Applicable
36.	Employment generation	The proposed project will create additional employment opportunity to the local people during the construction phase.
37.	Details of Litigation, If any	No
38.	Details of Ground Water extraction.	Not applicable
39.	Benefits	Improving tourist destinations and setting up of new initiatives. Development of employment to support the livelihood of the local peoples. Generation revenue to govt due to the tourism.
40.	SCZMA Recommendation	TNSCZMA has recommended the proposal to Ministry vide letter No. P1/2147/2023 dated 10/05/2024

4. The Committee deliberated the proposal based on the information provided/presented by the proponent. During the deliberation, the Committee has asked the status of CRZ Clearance for existing structures. In response, proponent has informed that all the existing structures are constructed before 1991 and thus no CRZ Clearance had been obtained. In this regard, undertaking dated 05/10/2023 has also been submitted along the application.

5. After deliberation, the Committee has noted that project activity is permissible as per CRZ Notification, 2011 and TNSCZMA has also recommended the proposal. The Committee has also suggested that the CRZ-IA area of the project site shall be used for establishment mangrove nursery and Mangrove Interpretation / Green Centre in consultation with Forest Department and battery / CNG engine operated boats shall be used for transit of tourist into mangrove areas to minimize the carbon foot print. In response, proponent has agreed the same.

6. The Committee, after detailed deliberations and considering the submissions made by the project proponent, has recommended the proposal for CRZ Clearance as per CRZ Notification, 2011, subject to certain Specific conditions, as stipulated during its 365<sup>th</sup> meeting held on 16/05/2024 other than General conditions.

7. Based on the recommendation of the Tamil Nadu Coastal Zone Management Authority and considering the submissions made by the project proponent, the Ministry of Environment, Forest and Climate Change, in acceptance of the recommendations of the Expert Appraisal Committee (CRZ), hereby accords CRZ Clearance to the project for "Upgradation of Pichavaram (Arignar Anna

Tourism Complex maintained by TTDC) as major tourist destination at S.F.No.338/1 & 338/2 of Killai (South) Village, Chidambaram Taluk, Cuddalore district by Tamil Nadu Tourism Development Corporation Ltd, Chennai" under the provisions of the CRZ Notification, 2011 and amendments thereto, subject to the compliance of terms and conditions as under:-

### Specific Conditions

S. No	Specific Conditions
1	All construction shall be strictly in accordance with the provisions of the CRZ Notification, 2011, as amended from time to time.
2	The CRZ-IA (Mangrove buffer) area of the project site where the PP has proposed to demolish the structures built prior to 1991 shall be used for development of Interpretation Centre and establishment of Mangrove nursery to create mangrove awareness among visitors /tourists in consultation with any reputed mangrove development agency or Forest Department or Annamalai University, Parangapetai.
3	Proper Sewage Management Plan shall be prepared and the treated water shall be used for green belt development within the premises and the sludge generated shall be used as manure for green belt.
4	Battery / CNG engine operated boats shall be used for transit of tourist into mangrove areas to minimize the carbon foot print.
5	The proposed activity shall not interfere with the fishermen and their fishing boats movement, Marine patrol and public movements at any point of time.
6	As committed by PP, the overall height of construction up to the highest ridge of the roof shall not exceed 9 metres and the construction shall not be more than two floors.
7	The project proponent shall ensure the flow of natural tidal water to mangroves should remain un-affected and thus adequate measures to be provided to maintain un-interrupted tidal water to mangroves.
8	The project proponent shall ensure the water quality of adjacent creek waters and management plan should be prepared for conservation of mangrove biodiversity and same has to be submitted to concern IRO.
9	Maximum electricity requirement as much as possible shall be achieved through installation of renewable / green / solar energy in the resort.
10	Necessary arrangements for the treatment of the sewage and solid wastes must be made and it must be ensured that the untreated sewage and solid wastes are not discharged into the water or on the beach.
11	No groundwater 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.

S. No	Specific Conditions
12	Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.
13	Topsoil excavated during construction activities shall be stored for use in horticulture / landscape development etc. within the project site.
14	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.
15	The Project Proponent shall comply order/direction, if any, issued by Hon'ble Court / tribunal on the project.
16	All the conditions stipulated by the Tamil Nadu Coastal Zone Management Authority for CRZ clearance vide its letter No.P1/2147/2023, dated 10/05/2024 and commitments made by the PP before the CZMA and EAC shall be followed in letter and spirit.
17	All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

### General Conditions

S. No	General Conditions
1	Management of solid waste in accordance with the Solid Waste Management Rules, 2016 shall be strictly implemented.
2	'Consent to Establish' and /or 'Consent to Operate' shall be obtained from State Pollution Control Board under the provisions of Air (Prevention and Control of Pollution) Act, 1981 and /or the Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.
3	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.
4	All liquid waste 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. It shall be ensured that the wastewater generated is treated in the 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.



S. No	General Conditions
5	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
6	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.
7	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.
8	A copy of the clearance letter shall be uploaded on the website of the concerned State Coastal Zone Management Authority/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.
9	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.
10	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.
11	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.
12	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
13	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 <a href="https://parivesh.nic.in/">https://parivesh.nic.in/</a> . 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.
14	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom

S. No	General Conditions
	suggestions/ representations, if any, were received while processing the proposal.
15	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.
16	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 project proponent 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.

8. 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.

9. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the CRZ clearance, if implementation of any of the above conditions is not found satisfactory.

10. 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 the Environment (Protection) Act, 1986.

11. Any appeal against this CRZ 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.

12. The above conditions shall be enforced, *inter-alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

13. This issues with approval of the Competent Authority.

(Dr. H. Kharkwal)

Scientist 'E'

Copy To

1. The Director, Department of Environment, Government of Tamil Nadu, No.1, Jeenu Road, Panagal

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- Building, Ground Floor, Saidapet, Chennai-600015, Tamil Nadu
2. The Deputy Director General, Ministry of Environment Forest and Climate Change, Integrated Regional Office, 1<sup>st</sup> and 11<sup>nd</sup> Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai – 600034, Tamil Nadu
  3. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Anna Salai, Guindy Industrial Estate, Race View Colony, Guindy, Chennai - 600032, Tamil Nadu.
  4. The Member Secretary, Tamil Nadu Coastal Zone Management Authority, Department of Environment, No.1, Jeenis Road, Panagal Building, Ground Floor, Saidapet, Chennai-600015, Tamil Nadu.
  5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
  6. Guard File / Record File / Notice Board/MoEF&CC Website.

(Dr. H. Kharkwal)  
Scientist 'E'

Signed by  
Harendra Kharkwal  
Date: 03-07-2024 11:45:02  
Reason: Verified and  
signed

