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F.No.11-8/2019-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: 05<sup>th</sup> August, 2019

To,

The Divisional Engineer (H),  
Construction & Maintenance,  
Highways Department, Government of Tamil Nadu  
Chengalpattu - 603001

**Sub: CRZ Clearance for (Development of peripheral road connecting Mahabalipuram to Ennore Port- via- Singaperumalkoil, Sriperumbudur, Thiruvallur, Thamarapakkam, Periyapalayam, Puduvoyal and Kattupalli - reg.**

Sir,

This has reference to your online proposal No. IA/TN/CRZ/87782/2018, received in this Ministry for CRZ Clearance of the above mentioned project, 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 meetings held on 21.05.2019 & 28.06.2019. The details of the project as per the documents submitted and presented during the aforesaid meetings are as under:

- (i) The Peripheral road will start at Ennore Port and ends Poonjeri in Mahabalipuram. The proposed road will connect four National Highways – NH-5, NH-205, NH-4 and NH-45 and eight State Highways – SH-51, SH-50A, SH-50, SH-48, SH-57, SH-49B (OMR) and SH-49 (ECR). Length of proposed peripheral road will be around 133.381 km which is split into 5 sections as under:
- Section 1: Northern Port Access Road – Ennore Port to Thatchur on NH-5 (24.60 km)
  - Section 2: Thachur on NH-5 to Start of Thiruvallur Bypass (26.40 km)
  - Section 3: Start of Thiruvallur Bypass to Sriperumbudur on NH-4 (30.60 km)
  - Section 4: Sriperumbudur on NH-4 to Singaperumalkoil on NH-45 (23.80 km)
  - Section 5: Singaperumalkoil on NH-45 to Mahabalipuram (27.471 km).

S.No.	Description	Section-1	Section-2	Section-3	Section-4	Section-5
1.	Right of way (RoW)	100m	60m	60m	40-60m	50m
2.	Number of lanes in Main Carriageway	2 X 2-lane with paved shoulder	2 X 3-lane with paved shoulder	2 X 3-lane with paved shoulder	2 X 3-lane with paved shoulder	2 X 2-lane with paved shoulder
3	Central Median	4.00m	4.00m	4.00m	1.0m	4.00m

4.	Service Road	2 X 2-lane	2 X 2-lane	2 X 2-lane	2 X 2-lane	2 X 2-lane
5.	Footpath/Drain/Utility Corridor	2 X 2m & 2 X 3	2 X 3m	2 X 3m	2 X 2.5m	2 X 3m
6.	Width of Main Carriageway in Structures	2 X 12.5m	2 X 12.5m	2 X 12.5m	2 X 12.5m	2 X 12.5m

(ii) *Section-1: Northern Port Access Road- Ennore Port to Thatchur on NH-5* along with the said chainage falls under Ponneri Taluk, Tiruvallur District. The North Port Access Road (NPAR) from northern gate of Ennore Port to thatchur on NH-5 (km 30/270) with connecting road to Tiruvottiyur-Ponneri-Panchetty (TPP) Road. The length of NPAR will be 21.12 km and TPP link road is 4.35 km.

(a) Ennore- Thatchur Road:

S.No.	Chainage (km)	Classification
1	0+000 to 0+639.374	Between HTL of creek and 100 m setback line from HTL of creek
2	0+639.374 to 0+706	Creek water
3	0+706 to 0+754	Between HTL of creek and 100 m setback line from HTL of creek
4	0+754 to 0+782	Creek water
5	0+782 to 1+051	Between HTL of creek and 100 m setback line from HTL of creek
6	1+051 to 1+151	Non-CRZ
7	1+151 to 1+339	Between HTL of creek and 100 m setback line from HTL of creek
8	1+339 to 1+442	Salt Pan
9	1+442 to 1+949	Creek water
10	1+949 to 2+427	Between HTL of creek and 100 m setback line from HTL of creek
11	2+427 to 2+537	Non-CRZ
12	2+537 to 2+800	

(b) Kattupalli Ramp

S.No.	Chainage (km)	Classification
1	0+000 to 0+406.652	Between HTL of creek and 100 m setback line from HTL of creek
2	0+406.652 to 0+409.652	Non-CRZ

- (iii) The project road will cross two rivers viz. Cooum river and Kosathalai river, and a number of tanks, channels, nallahs, back water, Buckingham canal etc. Bridges are proposed for these waterway crossings. The project road requires diversion of forest land (10.23 Ha) in three reserve forests as follows: Mannur Reserve Forest (0.28 Ha); Thirutteri Reserve Forest (1.86 Ha); and Sengundram Reserve Forest (8.09 Ha).
- (iv) For widening of existing road and construction of underpass, about 0.28 Ha of forest land in Mannur RF needs to be diverted in Section-3 segment. For forming new road,

about 9.95 Ha of forest land in Thirutteri RF and Sengundram RF needs to be diverted in Section-5 segment. Diversion of forest land are in progress.

- (v) The NPAR is start at Ennore Port and will cross Buckingham Canal which falls in CRZ area. Length of project road within CRZ area is about 2.762 km covering about 82.64 ha. A major bridge is proposed for crossing the CRZ area.
- (vi) Total number of piers in CRZ area will be 151 piers in which 19 piers will be on the existing road along the bund of Buckingham canal.
- (vii) The above proposed development in CRZ areas are at CRZ-1B (intertidal area), CRZ – I, CRZ III & CRZ-IV as per the CRZ Notification, 2011 and are permissible activities regulated under para 8(I), CRZ-I (ii) (g); 8(i) III CRZ-III A (j) & B (viii) of CRZ Notification, 2011.
- (viii) There are 4797 trees falling within the project corridor of entire length of Chennai Peripheral Road. As suggested by SEAC, 2168 number of trees will be retained in the median, divider, footpath etc. and the remaining 2629 will be transplanted, dismantling of 802 buildings within proposed right of way is required.
- (ix) The environmental clearance for this Chennai peripheral road project has been issued by SEIAA Tamil Nadu vide their letter No. SEIAA/TN/F.6474/EC/7(f)/61/2018, dated 10<sup>th</sup> August, 2018.
- (x) While the total project cost is around Rs. 11528 Crores, which includes the land acquisition cost of Rs. 4855 Crores, the cost of the portion under CRZ areas will be Rs. 49 crores.
- (xi) DCZMA-Thiruvallur has forwarded its recommendation vide letter No.DEE/TNPCB/GMP/DCZMA/2018 dated 05.07.2018 and TNCZMA has recommended the project for CRZ clearance vide its letter No. 19509/EC.3/2018-1 dated 14.11.2018.

3. Based on the recommendation of the Tamil Nadu Coastal Zone Management Authority issued vide its letter No. 19509/EC.3/2018-1, dated 14.11.2018 and information submitted as at para no. 2 above and information provided during the presentation before the Expert Appraisal Committee and others, the Ministry of Environment, Forest and Climate Change, in acceptance of the recommendation of the Expert Appraisal Committee (CRZ), hereby accords CRZ Clearance to the above project viz '*Development of peripheral road connecting Mahabalipuram to Ennore Port- via- Singaperumalkoil, Sriperumbudur, Thiruvallur, Thamaraipakkam, Periyapalayam, Puduvoyal and Kattupalli*, 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) No excavated material during the construction shall be dumped in water bodies or adjacent areas. The site shall be restored to its near original condition after completion of construction of bridge.
- (ii) Temporary structures raised for construction activity shall be removed within one month of completion of construction activity.
- (iii) Mangrove afforestation shall be undertaken in consultation with the Forest Department.



- (iv) Any condition stipulated by TNCZMA vide its letter No. 19509/EC.3/2018-1 dated 14.11.2018 shall be complied with as may be applicable.
- (v) 0.25 % CER as per the Office Memorandum issued by the Ministry, dated 01.05.2018, on CER, for activities to be undertaken under CER shall be earmarked. A detailed plan of action contemplated for CER shall be submitted to the concerned agencies within six months of receipt of clearance letter.
- (vi) The CER amount to be spent exclusively for mangrove and marine biodiversity conservation and plan for the same to be submitted to the Ministry accordingly within three months.
- (vii) No groundwater shall be extracted to meet with the water requirements during the construction and/or operation phases.
- (viii) 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.
- (ix) Construction camps (if any) shall be located outside the CRZ areas.
- (x) Solid wastes generated during execution of the proposed project shall be disposed of in accordance with the Solid Wastes Management Rules, 2016.
- (xi) 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.
- (xii) Topsoil excavated during construction activities shall be stored for use in horticulture/landscape development etc. within the project site.
- (xiii) Water quality of all the creek should be monitored regularly to see the impact of construction and reclamation activities.
- (xiv) Construction materials 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.

**PART B - GENERAL CONDITIONS:**

- (i) 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.
- (ii) 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.

- (iii) 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.
- (iv) 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.
- (v) 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 extant CRZ regulations.
- (vi) 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.
- (vii) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
- (viii) 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.
- (ix) 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.
- (x) 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 Parisad/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 (CRZ)

Copy to:

1. The Principal Secretary, Environment & Forests Department (EC-3), Government of Tamil Nadu, Secretariat, Chennai - 600 009
2. The Chairman, Tamil Nadu Coastal Zone Management Authority, Environment & Forests Department (EC-3), Government of Tamil Nadu, Secretariat, Chennai - 600 009
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhavan, CBD cum Office Complex, East Arjun Nagar, Delhi - 32
4. The Member Secretary, Tamil Nadu Pollution Control Board, No. 76, Anna Salai, Guindy Industrial Estate, Race View Colony, Guindy, Chennai - 600 032
5. The Member Secretary, Tamil Nadu Coastal Zone Management Authority, Department of Environment, No.1, Jeenis Road, Panagal Building, Ground Floor, Saidapet, Chennai - 600 015
6. The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (SEZ), I and II Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai - 34
7. Guard File/ Record File/ Monitoring Cell.

  
(W. Bharat Singh)  
Director (CRZ)