

# 118<sup>th</sup> MEETING

## TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 14.10.2022 (Friday)

Time: 3.00 P.M.

Venue:

7<sup>th</sup> Floor, Conference Hall,  
Environment, Climate Change & Forests  
Department,  
Namakkal Kavignar Maaligai,  
Secretariat, Chennai.9

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**TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY**

**118<sup>th</sup> MEETING**

**REVISED DRAFT AGENDA**

**Date: 14.10.2022 (Friday)**

**Time: 3.00 P.M.**

**Venue:**

**7<sup>th</sup> Floor, Conference Hall,  
Environment, Climate Change & Forests  
Department,  
Namakkal Kavignar Maaligai,  
Secretariat, Chennai.9**

**Agenda Item No. 01: Confirmation of the minutes of the 117<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 20.07.2022**

The 117<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 20.07.2022 and the minutes were communicated to the Members of the Authority, vide this office letter No.P1/1950/2021 dated 27.07.2022.

**Agenda Item No.02: The action taken on the decisions of 117<sup>th</sup> meeting of the Authority held on 20.07.2022**

<b>Sl. No.</b>	<b>subject</b>	<b>Action taken</b>
01	Proposed construction of additional amenities Building in Arulmigu Subramania Swamy Thirukovil at Tiruchendur Village, Tiruchendur Taluk, Thoothukudi district by the Executive Officer, Arulmigu Subramaniya Swamy Thirukoil, Tiruchendur, Thoothukudi district.	As resolved by the Authority, the proposal has been forwarded to GoTN, for forwarding to MoEF& CC, GoI, vide this office letter No.P1/1265/2022, dated 29.07.2022. The E,CC&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 13619/EC-3/2022-1 dated 10.08.2021.

Sl. No.	Subject	Action taken
02	Construction of "Chennai Metro Rail Phase-II (Corridor 3 Madhavaram Milk Colony to SIPCOT) at Chennai district by Chennai Metro Rail Limited	As resolved by the Authority, the proposal has been forwarded to GoTN, for forwarding to MoEF& CC, GoI, vide this office letter No.P1/1217/2022, dated 29.07.2022. The E,CC&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 13760/EC-3/2022-1 dated 08.08.2021.
03	Construction of Gasifier Crematorium at SF No.1085/2 (pt), Anjugramam Village, Agastheeswaram Taluk, Kanyakumari district by the Executive Officer, Anjugramam First Grade Town Panchayat, Anjugramam, Kanyakumari district	As resolved by the Authority, the proposal has been forwarded to DTCP, for issuing Clearance under the CRZ Notification, 2011, vide this office letter No.P1/1003/2022, dated 29.07.2022.
04	Proposed Establishment of Diesel Bunk at SF No. 13/2, (No.5 ECR Road), Block 3, Ward K, Colachel B Village, Kalkulam Taluk, Kanyakumari district by Thiru S. Antony Raj, Proprietor, Colachel, Kanyakumari district	As resolved by the Authority, the proposal has been forwarded to DTCP, for issuing Clearance under the CRZ Notification, 2011, vide this office letter No.P1/998/2022, dated 29.07.2022.
05	Discussions on Agenda Items No.7, 8, 9 & 10 of TNSCZMA 116 <sup>th</sup> meeting held on 20.06.2022, w.r.to construction of groyne at Kanyakumari districts proposed by WRD	<p>As recommended by the TNSCZMA, the strengthening and repairing of the existing groyne in Kovalam and Periyannayagi Street have been recommended to SEIAA, for issuing Clearance under CRZ Notification, 2011, vide this office letter No. P1/112/2022, dated 30.07.2022 and P1/111/2022, dated 30.07.2022.</p> <p>Based on the Minutes of TNSCZMA, the PP was suggested to adopt hybrid model to incorporate the soft structures for the proposed groyne at Azhikkal and Enayam coast in order to abide to the directions of the Hon'ble NGT (SZ), vide this office letter No.P1/109/2022, dated 01.08.2022.</p>

**Agenda Item No.03 Development of "New Four Lane Elevated Road from Chennai Port to Maduravoyal (NH-4) proposed by the Chief Engineer, Chennai Port Authority, Chennai**

The Chief Engineer, Chennai Port Authority, Chennai has proposed for the development of "New Four Lane Elevated Road from Chennai Port to Maduravoyal (NH-4) in Chennai District.

**Project Details**

- The project will be a Double Deck elevated corridor of Four Lane configuration. Length of the elevated corridor is ~**20.565 km** having width of 26 m at 1<sup>st</sup> level (domestic traffic) and 23 m at 2<sup>nd</sup> level (Port bound traffic).
- This Project also will have development of 13 entry/exit ramps (9 ramps in CRZ area).
- Ramp width shall be 8.5 m. Chainage Km -0+342 to Km 9+350 (total ~ 9.70 kms). Project corridor starts from Chainage **Km -0+342** inside Chennai Port and ends at Chainage **Km 20+223.055** after Maduravoyal interchange.
- Project site falls under CRZ areas such as **CRZ-IB, CRZ -II, CRZ IV-B**.

CRZ Category	Length in CRZ Categories	Clauses (as per CRZ Notification, 2011)
CRZ IB	<ul style="list-style-type: none"> <li>• Elevated Corridor ~ 4142 m</li> <li>• Ramp ~ 654.5 m</li> </ul>	3(IV),(a); 8 (I) (ii), (b)
CRZ II	<ul style="list-style-type: none"> <li>• Elevated Corridor ~ 4342.5 m</li> <li>• Ramp ~ 5040 m</li> </ul>	3 (IV), (a)
CRZ IVB	<ul style="list-style-type: none"> <li>• Elevated Corridor ~ 1219.5 m</li> <li>• Ramp ~ 693.4 m</li> </ul>	3 (IV), (a)

- For implementation of the project, the corridor has been separated in to four packages and the details as follows;

Packages	Chainages	Length (Km)
I	Km - 0.342 to Km 4/600 (CRZ Zone)	4.90
II	Km 4/600 to Km 9/350 (CRZ Zone)	4.75
	Km 9/350 to Km 9/700	0.35
III	Km 9/700 to Km 14/200	4.50
IV	Km 14/200 to Km 20/223	6.00
	<b>Total</b>	<b>20.5</b>

Expected cost of the project

Estimated project cost for each package (based on 2020- 2021 SOR Rates) as given below:

- Package I - Rs.1491.32 crore
- Package II - Rs.1651.40 crore
- Package III - Rs.1448.82 crore
- Package IV - Rs.1129.79 crore

**Total estimated project cost is Rs.5721.33 crore**

Existing CRZ Clearances

The CRZ Clearance was first obtained in 2011 from MoEF & CC, GoI vide letter F.No.11-23/2009-IA-III, dated 25th February, 2011. Subsequently, the Chennai Port Trust has obtained CRZ clearance for "construction of Elevated Road from Chennai Port to Maduravoyal NH-4 in Tamil Nadu" vide letter F. No.11-33/2020-IA-III dated: 23.09.2020 from MoEF & CC, GoI.

Other details

The project was subsequently revived in the year 2017 and as per the recommendations of the Technical Committee modifications in the alignment was recommended mainly to adjust for geometric enhancements. Due to these modifications leading to profile changes, the Project Proponent has requested for fresh CRZ Clearance.

**Comparison of Alignment features are as follows:**

S. No	Parameter	Alignment (2020 CRZ Clearance)	Current Alignment
1	Configuration of corridor • Deck width	4 lane Elevated Corridor • - 0/342 to 0/065 km: 20 m • 0/065 to 19/225: 23 m • 19/225 to 20/223: 29 m	4 lane Elevated Corridor with Double Decker • -0/342 to 0/065 km: 20 m • Km 0/065 to 19/225: 23 m • Km 19/225 to 20/223: 29 m • Tier 1 carriageway: km 1/400 to 13/700: 26 m

S. No	Parameter	Alignment (2020 CRZ Clearance)	Current Alignment
2	Total Length of Road	Total length ~ 20.565 km; completely elevated	Total length ~ 20.565 km; completely elevated with Double Decker from km 1/400 to 13/700
3	Number of Piers	635 (Reduction of overall 374 Piers)	Total piers 604 375 number of piers will be within Cooum River 210 in CRZ area
4	Pier Configuration, Dimensions	Circular Single Pier : 2.5 m diameter	Circular Single Pier : 3.5 m diameter For Ramp: 2.3 m diameter
5	Proposal of Ramp	Only Entry/Exit ramp within Chennai Port premises and corridor end	Total 13 ramps (entry/exit) 9 in CRZ area (ramp area ~9502 m <sup>2</sup> )
6	Piers constructed (partly/fully)	17 piers in water body & 125 along the road	
7	Dismantling of existing piers	17 existing piers in CRZ area & 15 outside CRZ area	
8	Piers to utilize with retrofitting	110 (Existing Koyambedu to Maduravayoul section)	
9	CRZ Categorization	CRZ- IB, CRZ -II and CRZ- IV B	CRZ- IB, CRZ- II and CRZ - IV B
10	Project cost	Rs.3204 crore	Rs.5721.33 crore

#### Recommendations of DCZMA for Chennai district

The subject was placed before the DCZMA of Chennai district meeting held on 28.06.2022 and the DCZMA has resolved to recommend the above project to TNSCZMA, subject to the following conditions

1. The project proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 (amended time to time).

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2. Prior Planning permission should be obtained for the proposed constructions, if any, from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations and Para 8(I) CRZ-I (i) & (ii), 8 (i) II CRZ II (i), (ii) and (iii) of CRZ Notification 2011. The FSI/FAR should be as on 19.02.1991.
3. The proposed construction shall not disturb the land and marine ecology.
4. No ground water from Coastal regulation zone area shall be tapped for the project.
5. No cutting of trees shall be envisaged during implementation of the Project.
6. All the solid waste shall be handled as per the Solid waste Management Rules 2016.
7. The Project shall explore the possibilities of allocation of funds for preserving the ecology and environment (land and marine).
8. The proponent shall comply with the Environmental Management Plan both during construction and operational phases.
9. The construction shall comply with the Construction and Demolition Waste Management Rules, 2016.
10. Construction Activity/Piers along the Coovum River shall not obstruct the tidal flow of the Sea water.
11. A rescue plan should be evolved and to be implemented on the event of any accidents/untoward incidents.
12. The project proponent shall undertake the establishment only after getting the required Clearances from Competent authorities such as Planning Permission, Plan Approval etc., including the clearance under CRZ Notification, 2011 and other statutory clearances.

#### Provisions in the CRZ Notification, 2011

- As per the CRZ Notification, 2011, Para 3 (iv), land reclamation, bunding or disturbing the natural course of sea water except, construction or modernization or expansion of foreshore facilities like ports, harbours, jetties, wharves, quays, slipways, bridges, sealink, road on stilts that are essential for activities is permissible.



- Vide Para 8 (i) I CRZ-I (i) (e), Construction of trans harbour sea link without affecting tidal flow of water is permissible activities.
- Vide Para 8 (i) I CRZ-I (ii) (g) Construction of trans harbour sea links, roads on stilts or pillars without affecting the tidal flow of water is permissible activities.
- As per the existing clearances, the condition is imposed by the MoEF & CC, GoI that in the event of any change in the project profile a fresh reference shall be made to the MoEF & CC, GoI. Hence, the proposal may be recommended to MoEF & CC, GoI for Clearance.

**Remarks of the Technical Expert Committee**

- The type of foundation and structures for the Piers provided along the Cooum River should be clarified by the Proponent.
- The numbers of Piers is proposed in Cooum River and in the bank should clearly explained by the Proponent.
- The Proponent should ensure that carrying capacity of the channels should not affect the free flow of water.

The proposal is placed before the Authority for taking suitable decision.

**Agenda Item No.04 Proposed construction of Integrated Storm Water Drains (ISWD) in Kovalam Basin-M2 by the Superintending Engineer, Storm Water Drain Department, Greater Chennai Corporation, Chennai**

The Superintending Engineer, Storm water Drain Department, Greater Chennai Corporation has proposed for the Construction of Integrated Storm water Drains (ISWD) in " Kovalam Basin-M2" as the proposed flood mitigation measures to extended Greater Chennai Corporation (GCC) areas of Chennai District.

**Need of the project**

Adequate Storm Water Drainage System (SWDs) is a primary requirement of urban areas. The function of storm water drainage system is to take runoff generated from rainfall within the project area to the predetermined locations (outfalls) in Buckingham Canal. Due to heavy rain and floods, the infrastructure (roads, drain etc.,) are being damaged and needs repairs and re-strengthening works. In order to improve the hygienic conditions of the public, it is essential to develop the infrastructure viz., storm water drainage system in the proposed area.

**Description of the project**

The Integrated Storm Water Drain Project will cover the extended area of Greater Chennai Corporation over the length of Storm Water Drainage 112.115 Km (11.771 km in CRZ area & 100.344 km in Non CRZ Area) for collection of storm water from the catchment area of 17.08 Sq.km. The proposed Project area covers Perungudi, Sholinganallur zones of Greater Chennai Corporation.

**Site Selection:**

The storm water drain alignment/route is selected based on the following criteria:

- Without disturbing the existing structures/buildings in the right of way
- No alteration in the existing contour level

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- Routing planned to avoid any tree cutting in the alignment
- Alignment based on minimal disturbance to the Environment & Surroundings.
- About 3737 numbers of silt catch pits/silt trap (at every 30 m inside the Drain), 224 nos. of sunken wells (recharge structure at every 500 m along the Drain). The storm water is proposed to be discharged to the Buckingham Canal by gravity through Outfalls - 27 Nos (under CRZ area).
- The proposed project components consist of the following specification:
  - Construction of new drain - 74.09 Km length
  - Rehabilitation and/ replacement of existing storm water drains, including desilting as required - 38.025 Km length
- The water requirement of about 5-7 KLD during construction phase will be sourced through private tankers arranged by the contractor.
- The proponent has proposed to provide 1 No of 62.5kVA DG set during construction phase as a power back up and committee instructed to provide adequate stack height with acoustic enclosures to the DG set as per the CPCB norms.

### **CRZ Classification**

The part of the project component falls under the **CRZ II** and the details are as follows;

<b>S. No</b>	<b>Project Component in CRZ</b>	<b>CRZ Classification</b>	<b>Length / Area/ Nos</b>
1	Proposed Storm Water Drain	CRZ-II	11.771 km
2	Outfall	CRZ-II	27 Nos.

### **Total cost of the project**

The estimated cost of the project is Rs.446.28 crore. (CRZ area Project Cost is Rs.48.26 crore & Non CRZ area Project Cost Rs.398.02 crore).

**Recommendations of the DCZMA of Chennai district**

The subject was placed before the DCZMA of Chennai district in the meeting held on 28.06.2022 and the DCZMA has recommended the project to the Tamil Nadu State Coastal Zone Management Authority subject to the following conditions that

1. The project proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 (amended time to time).
2. Prior Planning permission shall be obtained for the proposed storm water drain, if any, from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations and Para 8(I) CRZ-I (i) & (ii), 8 (i) II CRZ II (i), (ii) and (iii) of CRZ Notification 2011. The FSI/FAR should be as on 19.02.1991.
3. CMDA's grid of road projects should be taken into consideration in the proposal.
4. The proposed construction shall not disturb the land and marine ecology.
5. No ground water from Coastal regulation zone area shall be tapped for the project.
6. No cutting of trees shall be envisaged during implementation of the Project.
7. All the solid waste shall be handled as per the Solid waste Management Rules 2016.
8. The Project shall explore the possibilities of allocation of funds for preserving the ecology and environment (land and marine).
9. The proponent shall comply with the Environmental Management Plan both during construction and operational phases.
10. The construction shall comply with the Construction and Demolition Waste Management Rules, 2016.
11. The project proponent shall undertake the establishment only after getting the required Clearances from Competent authorities such as Planning Permission, Plan Approval, if any, including the clearance under CRZ Notification, 2011 and other statutory clearances.

The Project Proponent has submitted the reply to the above conditions, vide their letter dated 16.08.2022

Provisions in the CRZ Notification, 2011

As per CRZ Notification 2011, vide Para 3 (v) (b), storm water drains and ancillary structures for pumping is permissible activities; However as per Para 4 (ii) (d), the proposed activities require clearance from the Ministry of Environment, Forests and Climate Change, Govt. of India.

**Remarks of the Technical Expert Committee**

1. Sewage lines should be laid on the other side of the road so as avoid entering the Sewage flow into the Storm Water Drains.
2. The outfall levels discharged in the Buckingham canal should be above the maximum level of flow so as protect to entering the Buckingham canal flow in to the Storm Water Drains.

The proposal is placed before the Authority for taking suitable decision.

**Agenda Item No.05 Construction of Fish Landing Centre at Keezhathottam Village in Pattukottai Taluk, Thanjavur district by Assistant Director, Department of Fisheries and Fishermen Welfare, Thanjavur**

The Assistant Director, Department of Fisheries and Fishermen Welfare, Thanjavur has proposed for the construction Fish Landing Centre at Keezhathottam Village in Pattukottai Taluk, Thanjavur district.

**Need of the project**

Keezhathottam is one of major fishing activity in Thanjavur district. The annual catch of this hamlet is 1500 Tonnes. Fishing is being carried out using mechanised boats that are being operated from Keezhathottam. At present there is no basic infrastructure facility for landing, berthing and selling the fish catches. As the boats are increasing day by day and frequent collision of boats are occurring. The fishermen are demanding to construct a Fish Landing Centre at their village for a longtime.

**Location of the project**

The proposed project is construction of the Fish Landing Centre with various facilities at Keezhathottam Village, Pattukottai Taluk, Thanjavur district and the typical geographical location of the project is 10°17'59.6"N, 79°21'46.4"E.

**Description of the project**

The Project Proponent has proposed to construct the Fish Landing Centre with the following facilities.

**RCC Diaphragm Wall**

A Diaphragm Wall of 0.6m thickness with 4m length panel size. The Diaphragm wall is connected by copying beam 0.75 X 1.8m longitudinally with top level of (+) 2.00m CD to (+) 0.2m CD. The founding level of Diaphragm wall is (-) 10m CD. The dredge level in front of Diaphragm wall is assumed as (-) 3m CD.

### Fish Auction Hall and Packing Hall

The Room size of 20m X 14m is proposed as Auction Hall with sheltered sheds, covered from all four sides meant for auctioning of fresh fish landed by the boats. Various fish handling operations like working, sorting, weighing, auctioning, icing, packing and loading of the packed fish into the waiting transport are some of the major activities undertaken in this hall.

### Fishnet Mending Shed

This facility is designed to consist of a space, where fishnets are repaired and mended they are dried. 20m length X 10m wide fishnet mending sheds is proposed.

### Dredging

They proposed dredging of river bed from bar mouth opening till the proposed FLC, in order to facilitate smooth movement of boats. The proposed dredging area is (-) 3.00m CD and the estimated quantity of dredging is about 37,625m<sup>3</sup>.

### Road

Approach road is proposed to a length of 150 Running Meter and a width of 6m for conveying the diaphragm wall from the Auction Hall and Net mending shed with cement concrete of 0.15m thickness.

### Other facilities

The fresh water facilities will be met from the TWAD Board supply and will store in overhead tank. Further the waste material can be divided into solid and liquid waste. The solid wastes shall be removed frequent intervals and used for animal feed or fish silages or could be buried in pits as engineered secured landfills.

### CRZ Classification and total cost of the project

The project site is falling in CRZ-III (No Development Zone) and the cost of the project is Rs.8 crore.

DCZMA recommendations

The DCZMA for Thanjavur district has recommended the proposal to SCZMA in the meeting held on 30.03.2022.

Provisions in the CRZ Notification, 2011

- As per CRZ Notification, 2011, vide Para 4 (i) (a), Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities.
- Para 4 (f), construction and operation for ports and harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures and salt works are permissible activities.
- Para 3 (i) (a) & 3 (iv) (b to d) construction for the foreshore facilities in CRZ and land reclamation, bunding or disturbing /the natural course of seawater for the construction or modernization or expansion of foreshore facilities like Ports, harbours, jetties etc., are permissible activities.
- Para 8 (i) III CRZ-III (A)(I), facilities required for local fishing communities such as fish drying yards, auction halls, net mending yards, traditional boat building yards, ice plant, ice crushing units, fish curing facilities and the like, are permissible activities.
- Para 8 III CRZ-III (A)(J), construction of dispensaries, schools, public rain shelter, community toilets, bridges, roads, provision of facilities for water supply, drainage, sewerage, crematoria, cemeteries and electric sub-station which are required for the local inhabitants may be permitted on a case to case basis by CZMA.
- As per Para 4(i) and 4.2. (ii)(c) of the said Notification, the proposal may be recommended to SEIAA, for issuing Clearance.

**Remarks of the Technical Expert Committee**

The dredging area and the location of disposing the dredging material should be clarified.

The proposal is placed before the Authority for taking suitable decision.



**Agenda Item No.06 Reconstruction of Bathing Ghats (Stone Mandapam, Entrance Stone Arch, Stone handrails in Bathing Ghats) and passenger Boat Jetty at Rameswaram proposed by the Department of Tourism, Govt. of Tamil Nadu, Chennai**

The Department of Tourism, Chennai.2 has proposed for the reconstruction of Bathing Ghats (Stone Mandapam, Entrance Stone Arch, Stone handrails in Bathing Ghats) and passenger Boat Jetty at Rameswaram.

**Need of the project**

The project is meant to be as comprehensive as possible and address the issue of Rameswaram temple and connecting infrastructure from a holistic perspective. Poor condition of existing passenger boat jetty and bathing ghats are identified in the project location. The existing project site conditions are below.

- Bathing Ghats stretch and Aarti deck for pilgrims is eroded and damaged conditions.
- Unavailability of tourist link facilities such as sitting benches, heritage poles are very poor condition in present at site.
- Soil waste contaminating by pilgrims and existing passenger boat jetty is poor and partly damaged condition.

**Project description**

The total area of bathing ghats comprising of Stone Mandapam, Entrance Stone Arch, Stone Handrails (having total length of 530m and width ranging between 30m-35m) is 15,873.79 sq.mtr and the area for passenger boat jetty is 1089.85 sq.mtr. Hence, the total area is 16,963.64 sq.mtr.

**Bathing Ghats**

The existing bathing ghat in the total area of 15,873.79 sq.mtr and eroded in nature. It is proposed to reconstruct in the same area comprising of Stone Mandapam, Entrance Stone Arch, Stone handrails.

Proposed bathing ghat for a stretch of 530m abutting the road around the seashore. The bathing ghats will be stretching for a 30-35m wide on the seashore framed structure so the footing will be of 3m depth which can be used for bathing and for Hindu rituals of well-known Agnitheertham.

#### Reconstruction of boat jetty

The existing boat jetty is very poor condition. Due to larger number of tourist and pilgrims, the project proponent has decided to reconstruct the existing boat jetty. It will carry 60-75 passengers at a time. The boat ride is located in a place where all the tourists can enjoy the scenery. The boat is not for fishermen and cargo shifting and only for tourism purpose.

#### Longitude and Latitude of the project

- 9°17'27.08"N 79°19'21.78"E
- 9°17'16.96"N 79°19'14.53"E
- 9°17'17.07"N 79°19'14.14"E
- 9°17'27.34"N 79°19'21.42"E

#### Water requirement for construction

During construction, water requirement will be met through private tanker water supply / tanker water supply by the contractors.

#### Sewage management

There is no discharge of sewage or effluent to water or the land. The sewage generated from the floating population i.e. pilgrims and tourist will be handled by Rameswaram Municipality by installing bio-toilets.

#### CRZ Classification and Project Cost

The proposed project site is falling in CRZ-IB (Intertidal Zone), CRZ-II (Developed area) and CRZ-IVA (Water area). The proposed project cost is Rs.49.70 crore.

### Recommendations of DCZMA

The DCZMA of Ramanathapuram district has recommended the project to SCZMA in the meeting held on 27.06.2022, with the following conditions.

- The Proponent shall get necessary permission from Tamil Nadu Maritime Board.
- As part of Environment Monitoring Plan, the Project Proponent shall carry the survey to record important ecological parameter and study impact on these parameters after implementation of project (survey can be within 5km radius from the project location towards seaward side).
  - (i) Sediment analysis
  - (ii) Sea grass bed extent and health
  - (iii) Coral extent and health
  - (iv) Monitoring of Temperature and Salinity
  - (v) Shoreline changes

The Project Proponent has submitted their reply to the above queries, vide letter dated 04.08.2022.

### Provisions in the CRZ Notification, 2011

As per CRZ Notification 2011, vide Para 4 (i) (a) Clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore facilities; Para 3(iv), land reclamation, bunding required for the setting up of construction of foreshore facilities like bridges, sealink, road on stilts are permissible activities. Para 4 (ii) (i), Demolition and reconstruction of (a) buildings of archaeological and historical importance, (b) heritage buildings; and buildings under public use which means building such as for the purposes of worship, education, medical care and cultural activities, are permissible and shall require clearance from MoEF& CC, GoI, after being recommended by the SCZMA.

### Remarks of the Technical Expert Committee

The reconstruction of the facilities should factor in the measures to dissipate the energy from wave action and explain the design accordingly.

The proposal is placed before the Authority for taking suitable decision.

**Agenda Item No.07**      **Capacity optimization of the Operational Ennore Coal Terminal Private Limited (ECTPL) at Kamarajar Port, Puzhuthivakkam Village, Ponneri Taluk, Tiruvallur District.**

The District Environmental Engineer, TNPCB, Tiruvallur district has forwarded a proposal received from the General Manager, (Marine Services), Kamarajar Port Limited, Chennai for the proposed capacity optimization of the Terminal from 8 MTPA to 11 MTPA of operational Ennore Coal Terminal Private Limited (ECTPL) at Kamarajar Port, Puzhuthivakkam Village, Ponneri Taluk, Tiruvallur District.

**Project description**

The Project Proponent stated that the Kamarajar Port Limited (erstwhile Ennore Port Limited) has obtained Environmental and CRZ Clearance for the Phase-II expansion of the port from MoEF & CC, GoI under the head "Ennore Port Expansion proposals - Development of Terminals for marine liquid, coal, iron and containers in second phase and associated capital dredging at Ennore Port, vide F.No.10-28/2005-IA.III, dated 19.05.2006. The Clearance included a coal handling berth with 8 MTPA capacity. Initially, the terminal was developed and operated by M/s. Chettinad International Coal Terminal Private Limited and later the terminal was taken over by M/s. Ennore Coal Terminal Pvt. Ltd., (ECTPL) during December 2020 and is operational since then.

The terminal facility at ECTPL is capable of handling Cape size vessels, with the decrease in ship calls, the pre and post berthing times ( about 6 hour / ship call ) would be gainfully utilized by propelling higher cargo output from the terminal, i.e. from 8 MTPA to 11 MTPA. The capacity optimization shall be achieved by handling higher capacity vessels of Cape size and faster cargo through rakes.

Now, the ECTPL has proposed to make optimum usage of the capacity of the terminal from present 8 MTPA to 11 MTPA by handling higher capacity Cape Size Vessels at the same existing water front, equipment, stockyard and other auxiliary facilities in the same area without any addition (or) changes in the terminal facilities.

Geographical location of the project

The Kamarajar Port lies on the north-eastern corner of the State of Tamil Nadu on the Eastern Coastal Plains at the Geographical coordinates of Lat 13°15'30" N and Long 80°21'00"E.

Expected cost of the project

The proposal is for capacity augmentation in the existing operational facilities. Therefore the project doesn't require any new land acquisition, or any new infrastructure development. The capacity optimization shall be within the existing operational facilities. Hence, no cost involved.

CRZ Classification of the project

The CRZ Classification of the area comprises of CRZ-IA, CRZ-IB, CRZ-II, CRZ-III, CRZ-IVA and CRZ-IVB.

Recommendations of the DCZMA of Tiruvallur district

The DCZMA of Tiruvallur district has recommended the proposal to SCZMA, in the meeting held on 11.07.2022

Provisions in the CRZ Notification, 2011

- As per CRZ Notification 2011, vide Para 4 (i) (a) clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore activities; However the proposal requires clearance from the Ministry of Environment, Forests and Climate Change, Govt. of India vide Para 4 (ii) (d) of CRZ Notification 2011.

**Remarks of the Technical Expert Committee**

1. The Proponent should explain the purpose of increasing the optimization from 8 MTPA to 11 MPTA.
2. The current level and the expected level of pollution due to increasing optimization should be justified. Further, details of action to be taken for reducing the pollution should be explained by the Proponent.
3. The comments of TNPCB may be obtained

The proposal is placed before the Authority for taking suitable decision.

**Agenda Item No.08 Providing temporary walkways for the differently abled persons at Elliot's Beach, Besant Nagar, Urur Olcottkuppam Village, Velachery Taluk, Chennai district by Superintending Engineer, Bus Route Road Department, Greater Chennai Corporation**

The Superintending Engineer, Bus Route Roads Department, Greater Chennai Corporation, Chennai has proposed for providing temporary walkways for the differentially abled persons at Elliot's Beach, Besant Nagar, Urur, OlcottKuppam Village, Velachery Taluk, Chennai District at a cost of Rs.1 crore.

**AIM of the project**

The main aim of the project is to provide walkways in order to provide access to the differently abled persons to each the seashore.

- To provide opportunity for physical activity and social interaction.
- To minimize risk and increase mobility for disabled people of all types.
- To provide direct contact with nature and a cleaner environment.

**Project description**

The proposed site is located at 13°00'13.52" North latitude and 80°27'15.67" East longitude, at Elliot's Beach, Besant Nagar, 6<sup>th</sup> Aveune, Chennai. The project proponent has proposed to construct the temporary ramp with a length of 190m and width of 2.8m. The total area of the project is 660 sq.mtr.

**Design of the pathways - materials to be used and construction techniques**

The proposed design for the accessible pathways is made without the use of any kind of foundation. It is designed as a grid-type, timber structure with decking material on top. To ensure stability for the timber framework which supports the decking, wooden sleepers will be placed in a parallel manner on the sand with 1m spacing between each sleeper. If required, some coarse aggregate will be used as ballast for the sleepers but this may not be necessary as the load of people movement on the pathway will not be high.

The design of the pathway follows the same principle as the laying of railway tracks on the ground. The structure is held together by tensile and compressive forces that play out between the timber framework and sleeper wood logs.

#### Total project cost and CRZ classification

The total cost of the above project is Rs.1 crore and the proposed walkway falling in CRZ-IA area for 180.78m and 3.12m is falling in CRZ-II.

#### Recommendation of the DCZMA of Chennai district

The subject was placed before the DCZMA of Chennai district on 14.06.2022 and the DCZMA has resolved to recommend the above project to the Tamil Nadu State Coastal Zone Management Authority subject to the following conditions;

1. The project proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 (amended time to time).
2. No permanent structures using construction materials shall be put up in the proposed development.
3. Designated accessible parking areas and ingress/ egress access routes should be provided for the differentially abled people to ensure safety precautions.
4. The condition of the surrounding beach environment, beach elevation and slope, seasonal tide fluctuations, shoreline change rates, dune system, wave action shall be considered while providing the temporary walkways.
5. Temporary walkways shall be constructed in accordance to the locally adopted building code to provide for public safety.
6. The temporary walkways surface shall be durable, stable, firm and slip resistant, and should be regularly maintained to prevent land accumulation that may hinder access.
7. The Greater Chennai Corporation should regularly inspect the temporary walkways, monitor and maintain the same. The temporary walkway should be dedicated only to disabled persons.
8. The temporary walkway should be laid on the existing pathway used by public at present.
9. Conspicuous signage shall be provided for the parking areas and temporary walkways of the differently abled person.
10. No ground water from Coastal Regulation Zone areas shall be tapped for the project.

- 11.No construction activity shall be started/ undertaken by the proponent until obtaining the CRZ clearance from the competent authority.

Provisions in the CRZ Notification, 2011

As per Para 4(i)(a), Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities. Further, as per Para 8 (i) CRZ-I (i) (c), facilities that are essential for activities permissible under CRZ-I, is permissible activities. As per Para 4.2. (ii)(c), the proposal may be recommended to SEIAA.

**Remarks of the Technical Expert Committee**

1. No Permanent structure should be constructed.
2. Considering the Turtle nesting area the temporary structures may be raised 0.5m above the ground level.
3. A mechanism for not using the walkway by ordinary public should be initiated.
4. Regarding the alignment, comments from the Wildlife Warden should be obtained.

The proposal is placed before the Authority for taking suitable decision.



**Agenda Item No.09 Construction of Beach Resort at S.No.87/1B, 87/1A2, 87/2, 87/1B1A, 81/2B2 at Kannirajapuram Village, Kadaladi Taluk, Ramanathauram district by M/s. K four Apartments & Hotels Pvt. Ltd., Madurai**

M/s. K four Apartments & Hotels Private Limited has proposed the construction of Beach Resort at S.No.87/1B, 87/1A2, 87/2, 87/1B1A, 81/2B2 at Kannirajapuram Village, Kadaladi Taluk, Ramanathauram district.

**Need of the project**

The Ramanathapuram district is one of the tourism and holy place in India; therefore there is a need for more hospitality services. The proposed resort aims to fulfill the needs to satisfy the tourism market through provision of quality services and accommodation. Further, improvement in local area by providing additional employment opportunities to the skilled and unskilled people.

**Project description**

The total plot area of the project is 42,015 sq.mtr and the total built up area of the project is 4,404.9 sq.mtr. Maximum height of the project is 7m.

The proposed beach resort will be developed in a plot area of 42,015 sq.mtr. comprising of Villa, Swimming Pool, Dining Hall, Yoga Hall, Spa, Daycare, Health facility, Dining area, Gym, Gathering Space, Crops and Garden (Normal Garden, Herbal Garden and Sand Dune Garden), Pond and Play Field.

**Location of the project**

The proposed site is located at Kannirajapuram Revenue Village, Kadaladi Taluk, Ramanathapuram district. The coordinate for Kannirajapuram is 9°6'13"N, 78°22'59"E.

**Water resource**

During construction phase, the water requirement of 3 KLD will be met from outsourcing water supply. During operation phase, the daily requirement of water will be 6 KLD. Fresh water demand is 5 KLD. After treatment of wastewater, treated water will be reused for greenbelt (5 KLD), flushing (1 KLD). Water requirement for the project will be met from external private authorized water suppliers only.

### Sewage Treatment System

During operation, 5.4 KLD of waste water will be generated which will be treated in the STP of 25 KLD capacities and the treated sewage will be utilized for flushing and gardening purpose.

### Solid Waste Generation, Treatment & Disposal

The expected 200 kg/day of organic waste will be disposed through Organo Converter and the inorganic waste of 250 Kg/day will be handed over to Authorized vendors. The sludge from STP will be used for manure for landscaping and gardening.

### Power requirement

The power requirement during the construction as well operational phase will be 500 KVA which will be acquired from TNEB, Solar and DG Set of about 2 Nos. of 250 KVA. The stack height of DG Set is 9m.

### Greenbelt development

It is proposed to have tree plantation along the periphery of the site and also to develop lawn and greenery inside the project area for 15,055 sqmtr. The vegetation for the greenbelt will be selected from the native species adapted to the local environment.

### CRZ Classification and Project Cost

The proposed project site is falling in CRZ-III(A) (No Development Zone), CRZ-III (B) (200m to 500m from HTL). As per the details submitted by the Project Proponent, all the construction activities fall only in the CRZ-III (200m to 500m from HTL). The proposed project cost is Rs.7 crore.

### Recommendations of DCZMA

The DCZMA of Ramanathapuram district has recommended the project to SCZMA in the meeting held on 27.06.2022, with the following conditions.

- The Proponent shall ensure that there is no beach activity during the turtle nesting season (i.e. for four months from 1<sup>st</sup> January to 30<sup>th</sup> April every year (both days inclusive)) as per the Notification by the Animal Husbandry, Dairying and Fisheries Department, Govt. of Tamil Nadu dated 27.09.2016.

.25.

- The Project Proponent shall sponsor 'Mitigation Plan for turtle conservation' (two turtle watcher and one turtle hatchery) which will be implemented by the Forests Department for monitoring purpose.

The Project Proponent has assured that the beach activity will be restricted during turtle breeding season and submitted mitigation plan for nearby turtle nesting site, vide letter dated 16.08.2022.

Provisions in the CRZ Notification, 2011

- As per the CRZ Notification, 2011, Para 8 (i) III CRZ-III (B) (Area between 200m to 500m), development of vacant plot in designated areas for construction of hotels or beach resorts for tourist and visitors subject to the conditions as specified in the guidelines at Annexure-III of the Notification, is permissible activities, with prior approval of MoEF & CC, GoI.
- As per the Office Memorandum dated 26.04.2022 of MoEF & CC, GoI, development of beach resorts or hotels with built up area < 20,000 sq.mtrs in the designated area of CRZ-III required standalone CRZ Clearance from MoEF & CC, GoI.
- The project may be recommended to the MoEF & CC, Govt. of India.

Remarks of the Technical Expert Committee

*The Committee decided to place the proposal before the Authority.*

The proposal is placed before the Authority for taking suitable decision.

**Agenda Item No.10 9 MMTPA Refinery in Nagapattinam - Relocation of Desalination Plant & its related pipeline facilities - Amendment of Coastal Regulation Zone (CRZ) Clearance of Cauvery Basin Refinery (CBR) Project**

The District Environmental Engineer, TNPCB, Nagapattinam district has forwarded a proposal received from M/s. Chennai Petroleum Corporation Limited on relocation of Desalination Plant & its related pipeline facilities w.r. to the 9 MMTPA Refinery Cauvery Basin Refinery (CBR) Project at Nagapattinam.

**Existing Clearance**

M/s. Chennai Petroleum Corporation Limited has got Environment & CRZ Clearance for the 9 MMTPA Refinery in Nagapattinam along with associated facilities like Single Point Mooring (SPM), Sub-sea pipelines from SPM to Land Fall Point (LFP), Sea water intake and reject water facility for Desalination Plant, vide MoEF & CC, GoI letter No.J-11011/ 276/2018-IA.II(I), dated 13.10.2020.

As per the original proposal, the Desalination Plant was supposed to be installed inside Refinery premises, which is outside CRZ. Now, the Project Proponent has proposed to relocate the Desalination Plant in CRZ area.

**Proposed activity**

For the proposed project, source of raw water will be desalinated water from Desalination plant and the total treated water demand for the Project is estimated to be 3300 cubic meter/hour. The effluent will be treated in a new Effluent Treatment Plant of capacity 550 cum/hr and then treated water will be routed to RO-DM facility. The RO reject of 360 cum/hr will be routed to Desalination Plant. There will be a discharge of 5923 cum/hr to sea through a pipeline.

It is also proposed that the 2 Nos. of 36" pipelines envisaged earlier for transport of sea water to the refinery is replaced by 2 Nos. of 20" treated water and 2 Nos. of 12" drinking water pipelines from the desalination plant to the refinery. Also, instead of a 36" reject pipeline from Refinery to Bay of Bengal a 12" RO-DM reject water pipeline from refinery to desalination plant via 20m pipeline corridor is proposed.

As per the existing Clearance the proposed Desalination Plant situated outside CRZ area. Now, the Project Proponent has proposed to relocate the Desalination Plant and associated facilities comprising of sea water inlet & treatment facilities, sub-station, control room, sea water inlet sump, reject transfer pumps etc., was being relocated adjacent to the seashore. The sea water intake onshore pipelines were rerouted to the relocated desalination plant instead of transporting sea water to the refinery. The facilities falling in CRZ area are detailed below.

S. No.	Description	Survey No.	Area	CRZ Classification
1	Desalination Plant - Comprising of sea water inlet & treatment facilities, sub. station, control room, sea water inlet sump, treated water, drinking water, reject transfer pumps etc.,	1083 (p) of Nagapattinam Town	32.6 Acres	CRZ-II
2	Land for routing of pipelines	Unsurveyed lands under Tamil Nadu Maritime Board	6.75 Acres	CRZ-II
3	Land Fall Point Pump House facilities comprising of Crude Oil Booster Pumps, Substation, Control Room facilities etc.,	1082 (p) and Unsurveyed lands under TN Maritime Board	12.00 Acres	CRZ-II
4	Single Point Mooring (SPM) and Offshore pipelines	Coordinates 10°49'08.78"N, 80°01'54.00"E		CRZ-IVA

#### CRZ Classification of the project

The proposed projects are falling in CRZ-IB (intertidal Zone), CRZ-II and CRZ-IVA.

Total cost of the project

The project cost of Desalination Plant is Rs.688 crores and the project cost of other facilities in CRZ area namely SPM, LFP, Onshore/offshore pipelines & LFP pump house facilities etc., is Rs.1503 crores. Hence, total cost of project in CRZ area is Rs.2191 crores.

Recommendations of the DCZMA of Nagapattinam district

The DCZMA of Nagapattinam district has recommended the proposal to SCZMA in the meeting held on 11.07.2022, with the following conditions.

- 1) The Proponent should obtain land alienation from the Government before obtaining the clearance and commencement of works.
- 2) The Proponent should construct retaining wall along the Nagore shoreline to avoid the sea water intrusion and protect the coast from sea water erosion. The Proponent has accepted to construct at a cost of Rupees around 7 crores.
- 3) As agreed by the Proponent, 10 MLD of drinking water should be provided to Nagapattinam Municipality at their distribution point free of cost.
- 4) The Proponent should provide floating illuminated buoys to indicate the fishermen regarding the pipeline in the sea.
- 5) The Proponent should grow ten times the number of Casuarina trees that would have to be removed along the coast line of Nagapattinam district in the land identified by the District Administrative, after getting due approval from the District Green Committee. The DCZMA also requested that Proponent shall through CSR facilitate the plantation of 10 lakhs saplings of Casuarina/Coconut/Palmyra along the coast of Nagapattinam district to re-create the bio-shield post-Gaja Cyclone.

The Project Proponent has submitted the replies to the above conditions, vide letter dated 20.09.2022. Further, the Project Proponent has also stated that the TNPCB has already issued Consent to Establish (CTE) for the said project on 17.02.2021 and requested to consider the CTE as NoC from TNPCB, vide letter dated 03.10.2022.

Provisions in the CRZ Notification, 2011

- As per CRZ Notification 2011, vide Para 4 (i) (a) clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore activities;
- Vide Para 8(i) II CRZ-II (v), Desalination Plants and associated facilities are permissible in CRZ-II areas.
- Vide Para 4 (ii) (h), facilities for desalination plant is permissible and shall require clearance from MoEF & CC, GoI.

Remarks of the Technical Expert Committee

- The Proponent should clearly mention the details viz., actual number of trees to be uprooted, the proposed number of trees to be planted, the details of species of trees to be planted, the condition of survival of tree species and survival expected to be furnished.
- The reason for change of location should be explained clearly.
- The Marine EIA study should be prepared adequate manner.
- The bathymetry study for the project should be prepared.
- As the NGT(SZ) has issued orders not to construct the hard structure for erosion control measures, upto the approval of Shoreline Management Plan. Hence, the construction of retaining wall should be reconsidered.

The subject is placed before the Authority for taking suitable decision.

**Agenda Item No.11** Proposed additional construction of building (Anechoic Chamber) to the earlier existing warehouse & R&D building, at S.No.175 (part) of Ernavoor Village, S.No.6/1A1 of Tiruvottiyur Village in T.S.No. 3, 5/1A, 5/2A Block No.1, Ward No.1 of Thiruvottiyur, Wimco Nagar, Ennore Express Road, Chennai by M/s. MRF Limited, Chennai

M/s. MRF Limited, Tiruvottiyur High Road, Chennai.19 has proposed for "Additional Construction of building (Anechoic Chamber) to the earlier existing warehouse & R&D building at S.No.175 (part) of Ernavoor Village, S.No.6/1A1 of Tiruvottiyur Village in T.S.No.3, 5/2A Block No.1, Ward No.1 of Tiruvottiyur, Wimco Nagar, Ennore express Road, Chennai- 600 019.

**Description of the project**

The project is an additional construction of building to the earlier approved existing 1 Block of G.F + F.F warehouse building, 1 Block of G.F (Tyre testing activity) + F.F office building and 9 blocks of G.F Amenity building blocks totally 12 blocks.

The proposed construction of Additional Block of Ground Floor (Anechoic Chamber) Mezzanine Floor (Air Plenum), 1<sup>st</sup> floor and 2<sup>nd</sup> floor (Office) and proposed 2<sup>nd</sup> floor over the Existing R&D building with an installation of 3090 hp. The existing FSI area for the project is 29542.16sqm and proposed FSI area is 4065.73 sqm .

S. No.	Description	FSI Area (Sqm)	Non FSI Area (Sqm)
1.	Ground floor	942.86	-
2.	Mezzanine Floor	47.66	73.55
3.	First floor	424.77	-
4.	Second floor	2650.44	-
5.	Compressor room	-	78.16
6.	DG Structure	-	92.40
7.	<b>Total</b>	<b>4065.73</b>	<b>244.11</b>



**Estimate cost and CRZ Classification of the project**

The estimated cost of the project is about Rs.14.72 crores and the project site is falling in CRZ-II areas.

**Details of Installation of 3090 HP (proposed)**

S. No.	Equipment	Qty	Total HP
1	Wear Machine	1	1021.42
2	100 Ton Stiffness Machine	1	40.00
3	Tyre Storage area Scissor lift	1	3.00
4	Balancing machine	1	1.00
5	Mounting machine	1	0.50
6	Hoist - Mounting	2	1.00
7	Retreading Research Centre	Lot	172.00
8	Anechoic Chamber		956.44
9	Second Floor office Ph-I		160.83
10	Compressors/Air dries		100
11	Fire hydrant system	Lot	365
12	STP	Lot	31.12
13	Lighting, Office & Several power	Lot	219.83
14	Compressor	1	14.75
15	Blower	2	3.00
	<b>Sub Total</b>		<b>3089.89 ~ 3090 HP</b>

**Other details of the proposed project**

- The project proponent has proposed to treat about 7.2KLD of sewage generated through 12 KLD sewage Treatment Plant.
- The treated water from the unit will be used for green belt developed within the premises and sludge will be used as manure for green belt.

- The project proposes to utilize DG power 1250 kVA DG set as power backup with HSD as its fuel. The project proposes to dispose the used/spent oil generated from the DG set through TNPCB authorized recyclers.

**Recommendations of the DCZMA of Chennai district**

The subject was placed before the DCZMA meeting held on 14.06.2022 and the DCZMA has resolved to recommend the above project to the Tamil Nadu State Coastal Zone Management Authority subject to the following conditions;

1. The Project Proponent should ensure all the proposed construction activity within the existing authorized structure.
2. The project proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 (amended time to time).
3. The proposed construction should conform to the local town and country planning regulations as modified from time to time, except the floor space Index or Floor Area Ratio which shall be as per 1991 level.
4. Planning permission shall be obtained from the Chennai Metropolitan Development Authority.
5. There Should not be any process or operational activities as assured by the Project Proponent.
6. The proponent shall not dispose the untreated/treated waste water into the CRZ area.
7. The project proponent shall treat the sewage through Sewage treatment plant of 12 KLD Capacity as proposed. The treated water shall be used for green belt developed within the premises and the sludge generated shall be used as manure for green belt.
8. All the solid waste shall be handled as per the Solid waste Management Rules 2016.
9. Construction activity shall be carried out strictly as per the provisions of CRZ Notification, 2011 on the landward side of the existing road.
10. The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
11. Any Hazardous waste generated during construction/operation phase shall be disposed off as per applicable rules and norms with necessary approvals of the TNPCB.
12. No construction activity shall be started / undertaken by the proponent until obtaining the CRZ clearance from the competent authority.
13. No ground water from Costal regulation zone area shall be tapped for the project.

14. The proponent shall comply with the Environmental Management Plan during construction and operational phases.
15. Necessary green belt of native species shall be developed along the project area to improve the air environment as per the site plan submitted and also shall contribute to Tamil Nadu Green Climate Company towards Green Tamil Nadu Mission in order to enhance the forest and tree cover in the state.
16. The project proponent shall undertake the establishment only after getting the required Clearances from Competent authorities such as Planning Permission, Plan Approval including the clearance under CRZ Notification, 2011 and other statutory clearances.
17. The proponent shall obtain Environmental Clearance as per EIA notification 2006 from competent Authority if applicable. Also shall obtain consent under Water and Air Act from Tamil Nadu Pollution Control Board.

#### **Existing Clearances**

- The Project Proponent has got Clearance under the CRZ Notification, 2011 for the "Construction of Warehouse storage Sheds at S.No.175 (part) of Ernavoor Village, S.No.6/1A1 of Thiruvottiyur Village in T.S.No.3, 5/1A, 5/2A Block No.1, Ward No.1 of Thiruvottiyur Village Ambattur Taluk, Tiruvallur district, vide this office Proc. No. P1/2327/2017, dated 12.02.2018
- Further, the Project Proponent has got amendment for the above Clearance to erect "Tyre Testing Unit" in the warehouse for Research and Development activity, with the power requirement of 3910 HP.

#### **Application status filed before the Hon'ble NGT (SZ)**

In this connection, it is submitted that one Application No.224 of 2021 filed by Thiru M.R. Thiyagarajan against M/s. MRF Limited on the existing clearance issued by TNSCZMA on the Tyre testing facility and warehouse in the same warehouse and it is pending with the Hon'ble NGT (SZ). Further, the Hon'ble NGT has constituted a joint committee consisting of 1) The District Collector, Chennai district (2) a senior officer from SEIAA, TN (3) a senior officer from TNSCZMA (4) a senior officer from MoEF&CC, Chennai (5) DEE, TNPCB, Chennai. The nodal department for joint committee was Tamil Nadu Pollution Control Board.

The Hon'ble NGT(SZ) directed the joint committee to inspect the site ascertain as to

- (1) Whether the MRF Limited is having necessary EC to the permissions including for the area in dispute where allegedly, manufacturing activities were extended in a clandestine manner as alleged by the applicant
- (2) Whether any construction has been made in CRZ zone without obtaining any necessary permission under the CRZ notification 2011 or 2019 whichever is applicable
- (3) Whether there was any illegal extraction of water by drilling bore wells in the alleged CRZ zone without obtaining necessary permission, if the unit is an unauthorized user, then, what is the nature of action taken by them in this regards.
- (4) If there is any violation found, what is the nature of action taken by the regulators in respect of the same.
- (5) Whether any damage has been caused to environment on account of any alleged illegal activities and if so, assess the environmental compensation as directed by this tribunal including the cost or restoration required for restoring the environment to its original state, apart from assessing compensation for the violations of conditions and environmental laws
- (6) Whether the hazardous waste Management rules 2016, Hazardous and other wastes (Management and Transboundary Movement) Rules 2016 Which are applicable to the unit are being strictly complied with, if not what is the deficiency found and the action taken on this regard including recommending the methods by which the deficiency can be set right.

Dr. L. Elango, Professor, Dept. of Geology, Anna University (Expert Member of TNSCZMA) was deputed on behalf of TNSCZMA for inspection. He inspected the site along with the team. However, while verifying the file (P1/2418/2021) and the Hon'ble NGT(SZ) orders, it is ascertained that the Joint Committee has not filed Inspection Report, which stated in the NGT (SZ) on 16.03.2022.

**Provisions in the CRZ Notification, 2011**

- As per the CRZ Notification, 2011 vide Para 1, the restrictions apply on the setting up and expansion of industries, operations or process and the like in the CRZ. Further, vide Para 3(i), setting up of new industries and expansion of existing industries are prohibited activities.
- As per Para 8 (i) II CRZ II (ii) of CRZ Notification 2011, buildings shall be permitted on the landward side of the existing and proposed roads or existing authorised structures subject to the existing local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio, which shall be as per 1991 level.
- Construction involving less than 20,000 sq.mtr. built up area in CRZ-II, shall be approved by concerned State Planning Authority in accordance with the CRZ Notification, 2011 after obtaining recommendation from concerned CZMA, as per the Para 4(i)(d) of CRZ Notification, 2011.
- The applicant has requested Clearance for "Additional construction of building (Anechoic Chamber) to the earlier warehouse and R&D building".

**Remarks of the Technical Expert Committee**

- The outcome of the NGT orders should be observed.
- The Proponent should ensure that the proposed activity is only for testing purpose and not any manufacturing and process activity.
- The Proponent should obtain the CTE / CTO from the TNPCB.

The proposal is placed before the Authority for taking suitable decision.

**Agenda Item No.12: Proposed Establishment of Petrol / Diesel Bunk at SF No. 628/16C2, Chinnamuttam Village, Agastheeswaram Taluk, Kanyakumari district by Thiru J. Justin, Kanyakumari**

Thiru J. Justin, Kanyakumari Village, Kanyakumari district has proposed to establish Petrol / Diesel Bunk at SF No. 628/16C2, Chinnamuttam Village, Agastheeswaram Taluk, Kanyakumari district.

**Project description**

The total available land area of the project is 1153 sq.mtr. and the total built up area of the proposed construction is 258.28 sq.mtr.

**Project location**

The project is located at SF No. 628/16C2, Chinnamuttam Village, Agastheeswaram Taluk, Kanyakumari district. The geo coordinates of the project location is 8°5'44.66"N, 77°33'31.75"E.

**Project components**

The main component of the project is installation of three underground storage tanks (10 KL for Petrol and 20 KL, 45 KL for High Speed Diesel (HSD)). The Bharat Petroleum Corporation Limited, Tirunelveli has issued NoC for setting of New Petro Bunk in the proposed site, vide its letter No.TRT:BPCL:NOC:NROCHINNAMUTTAM, dated 02.03.2020

**CRZ Classification and Project cost**

The entire site (1153 sq.mtr) is falling in CRZ-II and the proposed cost of the project is Rs.57.30 lakhs.

**Green belt development**

The project involves 173 sq.mtr of green belt area. Adequate numbers of native tree species will be planted all along the boundaries of the site.

Water and power requirement

The water requirement during operation phase is estimated to be 100 ltr. per day and it will be met from the Colachel Municipal Supply. The power required for the entire operation of the fuel station will be met by TANGEDCO source. The standalone 20 KVA DG Set will be provided in case of power failure.

DCZMA recommendation

The DCZMA for Kanyakumari district has recommended the project to SCZMA in the 92<sup>nd</sup> meeting held on 13.04.2022

Provision in the CRZ Notification, 2011

As per CRZ Notification 2011, vide Para 8 II CRZ-II (iv) facilities for the receipt and storage of petroleum products shall be allowed in CRZ-II areas and as per the Para 4 (i) (d) of the said Notification, the proposal may be recommended to the concerned local planning Authority.

**Remarks of the Technical Expert Committee**

*The Committee decided to place the proposal before the Authority*

The subject is placed before the Authority for taking suitable decision.

**Addl. Agenda Item No.01 Construction of Curved Training Walls (Groynes) in the Northern and Southern sides of Cooum River Mouth (Eastern side of Regulator) and allied works for the sustainable opening of Cooum River Mouth in Chennai district proposed by Executive Engineer, Water Resources Department, Araniyar Basin Division, Chepauk, Chennai.**

The Executive Engineer, PWD, WRD, Araniyar Basin Division, Chepauk, Chennai has proposed to construction of Curved Training Walls (Groynes) in the Northern and Southern sides of Cooum River Mouth (Eastern side of Regulator) and allied works for the sustainable opening of Cooum River Mouth in Chennai district

**Description of the project**

M/s. Chennai Rivers Restoration Trust (CRRT) had obtained CRZ Clearance for Integrated Cooum River Eco-restoration Project from Ministry of Environment, Forests and Climate change vide F. No. 11-15/2016-IA-III, dt: 28.05.2017. It was observed by PWD/WRD that the bed levels of Cooum River have already been below the mean sea level. Hence, the CRRT requested TNUIFSL to appoint academic/research institute to provide a sustainable solution for the Cooum river mouth opening.

As part of the Integrated Cooum River Eco-restoration Project in CRZ area, NIOT had recommended for 'Construction of Curved Training Walls (Groynes) on the Northern and Southern sides of Cooum River mouth and associated activities for Sustainable opening of Cooum River Mouth.

The proposed project involves in construction of curved training walls with capital dredging for distance of about 700 m proposed from Cooum regulator point (LS 0 m) near river mouth to Napier bridge D/s (LS 412 m) and from Cooum Regulator point (LS 0 m) near river mouth towards sea for about 250m (LS 0m to -250 m) and up to -2.00 m water depth.

Further, it is reported that the capital dredging is estimated to be about 305000m<sup>3</sup> based on field surveys conducted. The dredged material of about 305000m<sup>3</sup> will be disposed in following locations:



- Near Cooum River Mouth, Triplicane Village in Mylapore Taluk of Chennai District.
- Srinivasapuram area in Triplicane Village of Mylapore Taluk in Chennai District
- Northern side of Royapuram Fishing Harbour area in Thiruvottiyur Taluk of Chennai District.
- Akkarai Village in Sholinganallur Taluk of Chennai District

The Project Proponent has stated that the proposed project is only for sustainable opening of Cooum river mouth to restore the degraded Cooum River and protect and provide a clean environment to the Urban Community.

The Northern Training wall extends up to 155 m from (-) 3.5 m CD to 0.00m CD and additional extension towards the existing training wall made it to a total length of 265 m. The Southern Training wall extends up to 165 m from (-) 3.5 m CD to 0.00 m CD and additional extension towards the existing training wall made it to a total length of 310 m. The Northern and Southern training wall intersect each other at 140° and Toe-Toe spacing of 63 m to facilitate flushing and high discharge during floods.

#### **CRZ Classification & total project cost**

The proposed Northern Training walls falls under CRZ-IB, CRZ-II and CRZ-IVA and proposed Southern Training wall falls under the zones of CRZ-IA, CRZ-IB and CRZ-IVA areas and the total cost of the project is Rs.70 Crores.

#### **Recommendation of TNSCZMA**

The subject was placed before the 115<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 05.04.2022 and the Authority recommended the entire project activities to MoEF & CC, GoI, with the following conditions.

- The Authority suggested that the Project Proponent may examine and propose sustainable measures.

.40.

- After obtaining the Clearance from the MoEF & CC, GoI, the entire work will be monitored by the Expert Committee formed by the TNSCZMA, while commencing the work.
- The conditions laid by the DCZMAs should be followed.

#### **Clearance issued by MoEF & CC, GoI**

The MoEF & CC, GoI have issued CRZ Clearance to the said project in letter F.No.11-25/2022-IA.III, dated 15.09.2022, with some Specific and General Conditions, among other things that the project proponent should follow commitments made before the CZMA and EAC.

While recommending the proposal to MoEF & CC, GoI, the TNSCZMA has imposed one of the conditions that "After obtaining the Clearance from the MoEF & CC, GoI, the entire work will be monitored by the Expert Committee formed by the TNSCZMA, while commencing the work".

The subject is placed before the Authority for forming the Expert Committee to monitor the entire work of construction of Curved Training Walls (Groyne) in the Northern and Southern sides of Cooum River Mouth (Eastern side of Regulator) and allied works for the sustainable opening of Cooum River Mouth in Chennai district.

**Addl. Agenda Item No.02 Construction of training walls in the Northern and Southern sides of Ennore Creek / Inlet (South Side of M/s. KPL Ltd.) and deepening the Kosasthalaiyar River mouth for the sustainable opening of River mouth in Thiruvottiyur Taluk, Tiruvallur district by the Executive Engineer, Water Resources Department, Araniyar Basin Division, Chepauk, Chennai.**

The Executive Engineer, Public Works Department (WRD), Araniyar Basin Division, Chepauk, Chennai has proposed to construct Training Walls in the Northern and Southern sides of Ennore Creek/Inlets (South side of M/s KPL Ltd.) and deepening the Kosasthalaiyar River mouth in Tiruvottiyur Taluk of Tiruvallur district at a total cost of Rs. 121.80 crores as per the schedule of rate for the year 2020-21. The proposed site is falling in CRZ-IB (Intertidal Zone) and CRZ - IVA.

**Description of the project**

The Kamarajar Port Limited (KPL Limited) is located at North Side of Ennore Creek (Kosasthalaiyar River Mouth) Kattuppali village, Vallur Post, Thiruvallur District. The Environmental Clearance for the Development of Terminals for Marine Liquids, Coal, Iron and containers in Second phase and associated capital Deepening at Ennore Port was accorded vide MoEF& CC, GoI letter No. 10-28/2015-IA-III, dated 19.05.2006 subject to the special condition that the Groynes and other suitable structures should be constructed to prevent the closing of the mouth of Ennore Creek.

The Project proponent has stated that as recommended by the NIOT, Pallikaranai, Chennai, the proposed length of Northern training wall is 500m and southern training wall is 400m and to extend the training walls up to (-) 5.00 m depth in sea.

The deepening activities will be involved in Ennore creek for a length of 2000 m from the river mouth to a depth of -2m with respect to MSL and total quantity of sediments estimated to be removed is 1.60 Million Cu. M (16,00,000 Cu.m) and it is proposed to remove 5,30,300 m<sup>3</sup> of sediments for a length of 550 m as Phase I with available fund. It will be disposed along shore to the South side of proposed southern training wall near Nettukuppam and Thazankuppam village for protection from Sea erosion. The remaining quantity of 10,69,700 Cu.m of sediments for a length of about 1450m would be removed as Phase II along with demolition and removal of Old dilapidated jetty and piers existing near Ennore Creek Mouth.

The proposed project Northern Training wall location falls within the CRZ-IB and CRZ-IV A (Bay of Bengal) and southern Training Wall location falls within the CRZ -IVA category. The proposed activity is permitted in CRZ- IB zone and in CRZ IVA as per CRZ Notification, 2011, vide para7(i) B & (iv) A of the said notification. The area between Low Tide Line and High Tide Line and CRZ-IV A- the water area from the Low Tide Line to twelve nautical miles on the seaward side.

### **CRZ classification & total cost of the project**

The CRZ classifications of the proposed activity are CRZ-IB (Intertidal Zone), CRZ-IVA. The total cost of the project is Rs.121.80 crores as per the schedule of rate for the year 2020-21.

### **Recommendation of TNSCZMA**

The subject was placed before the 115<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 05.04.2022 and the Authority recommended the entire project activities to MoEF & CC, GoI, with the following conditions.

- The Authority suggested that the Project Proponent may examine and propose sustainable measures.
- After obtaining the Clearance from the MoEF & CC, GoI, the entire work will be monitored by the Expert Committee formed by the TNSCZMA, while commencing the work.
- The conditions laid by the DCZMAs should be followed.

### **Clearance issued by MoEF & CC, GoI**

The MoEF & CC, GoI have issued CRZ Clearance to the said project in letter F.No.11-24/2022-IA.III, dated 15.09.2022, with some Specific and General Conditions, among other things that the project proponent should follow commitments made before the CZMA and EAC.

While recommending the proposal to MoEF & CC, GoI, the TNSCZMA has imposed one of the conditions that "After obtaining the Clearance from the MoEF & CC, GoI, the entire work will be monitored by the Expert Committee formed by the TNSCZMA, while commencing the work".

The subject is placed before the Authority for forming the Expert Committee to monitor the entire work of construction of training walls in the Northern and Southern sides of Ennore Creek / Inlet (South Side of M/s. KPL Ltd.) and deepening the Kosasthalaiyar River mouth for the sustainable opening of River mouth in Thiruvottiyur Taluk, Tiruvallur district.

**Addl. Agenda Item No.03: Present status on the Preparation of Coastal Zone Management Plan for the Tamil Nadu as per the CRZ Notification, 2019**

The MoEF & CC, GoI has issued the CRZ Notification, 2019 in the supersession of CRZ Notification, 2011. As per the provisions of the said Notification, the preparation of Coastal Zone Management Plans (CZMPs) of the coastal area of the State has been entrusted to National Centre for Sustainable Coastal Management (NCSCM), Chennai.

2) The NCSCM, Chennai has completed the job of the preparation of draft CZMPs for all the 14 coastal districts of State and draft CZMP and landuse maps were uploaded in the Dept's website on 07/10/2022 for inviting suggestions / objections, if any, from the line Departments / local communities / Public / NGO's etc. on or before 21.11.2022. Further, the soft copy of said draft CZMP were communicated to the concerned coastal districts, for the comments of DCZMA / local communities etc.,

3) The DCZMAs were also been requested to conduct public hearing as per the established procedure laid down in the EIA Notification, 2006. For this purpose, around 20 copies of each 160 draft CZMP maps and land use maps in 1:25000 scale is required.

4) The tentative cost for taking copies of the said maps and conducting public hearing as follows.

a) Printing charges 160 maps of draft CZMP in 20 copies (120 GSM in A1 size)	: Rs.11.20 lakhs
b) Printing charges 160 maps of draft landuse maps in 20 copies (120 GSM in A1 size)	: Rs.11.20 lakhs
c) Charges for conducting public hearing 14 dist. X 3.00 lakhs	: Rs.42.00 lakhs
d) Travel and Miscellaneous expenditure (Rs.25000 x 14 dist.)	: Rs. 3.50 lakhs

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Total : Rs.67.90 lakhs

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(Rupees Sixty Seven lakhs and Ninety Thousand only)

5) The above tentative expenditure may be met out from the Tamil Nadu State Coastal Zone Management Authority fund.

6) The Authority may consider.

**Addl. Agenda Item No.04: Directions on OA No.234 of 2017 filed before the Hon'ble NGT (SZ) on unauthorized construction of St. Peter and Paul Sea Food Export Pvt. Ltd., Royapuram, Chennai.**

Thiru M.R.Thiyagarajan, Royapuram, Chennai has filed the O.A No.234 of 2017 before the Hon'ble NGT(SZ), in the application the applicant has informed that M/s. St. Peter and Paul Sea Food Export Pvt. Ltd., has engaged in the business in the nature of processing and exporting sea foods mainly octopus, squid and prawns at Royapuram, Chennai district. Further, the applicant has stated that the unit consuming more than 10 KLD water per day in the CRZ area without obtaining the CRZ clearance. In this connection, a Joint Committee has constituted by Hon'ble NGT (SZ) comprising of **1. District Collector, Chennai, 2. State Coastal Zone Management Authority, 3. State Pollution Control Board** to look into the allegation made and directed to submit the report.

2) As per the Hon'ble NGT (SZ) order, the Expert Member from the Tamil Nadu State Coastal Zone Management Authority has been deputed for inspection. The Joint Committee has inspected the site on 18/07/2020 and submitted the joint committee report before the Hon'ble NGT (SZ) (Final Judgment enclosed).

3) The Hon'ble NGT (SZ) has directed the TNSCZMA to submit the action taken report as the Unit was established without obtaining necessary CRZ Clearance under the CRZ Notification, 2011. In this connection, a counter affidavit has been filed by the Department of Environment stating that the DCZMA in the district is functioning for monitoring the violations.

4) Further, the Honble NGT (SZ) issued the judgment on 08/07/2022 as follows

*"The disputed construction was made in violation of the CRZ Notification without obtaining necessary clearance and the Coastal Zone Management Authority is directed to take appropriate action against the 12th respondent including demolition of the building which was constructed in violation of the CRZ Notification in accordance with law"*

.45.

5) Based on that, the DCZMA of Chennai district placed the above subject before the DCZMA meeting on 29/07/2022 through circulation agenda. In the minutes, the DCZMA, Chennai district requested TNSCZMA to give the direction to Greater Chennai Corporation / Chennai Metropolitan Development Authority to take necessary action to demolish the questioned building.

6) Based on the request, the subject is placed before the authority for taking suitable action.

**Sd./- xxxx**

**Thiru Deepak S. Bilgi, I.F.S.,  
Member Secretary, TNSCZMA &  
Director, Dept. of Environment &  
Climate Change,  
Chennai - 15.**

**MINUTES OF THE 118<sup>th</sup> MEETING OF THE TAMIL NADU STATE COASTAL  
ZONE MANAGEMENT AUTHORITY (TNSCZMA) HELD ON 14.10.2022**

The Chairperson welcomed the members of SCZMA, for the 118<sup>th</sup> meeting of the SCZMA.

**Agenda Item No.01: Confirmation of the communication of minutes of the 117<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 20.07.2022**

The minutes of the 117<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 20.07.2022 communicated to the Members of the Authority in letter No. P1/1950/2021 dated 27.07.2022 of the Director of Environment & Climate change, was confirmed.

**Agenda Item No.02: The action taken on the decisions of 117<sup>th</sup> meeting of the Authority held on 20.07.2022**

The Member Secretary briefed the Members about the action being taken by the Department of Environment on the decisions made during the 117<sup>th</sup> meeting held on 20.07.2022, which was noted down by the members.

**Agenda Item No.03 Development of “New Four Lane Elevated Road from Chennai Port to Maduravoyal (NH-4) proposed by the Chief Engineer, Chennai Port Authority, Chennai**

**Project Cost: Rs.5721.33 crore**

The SCZMA has examined the recommendation of the DCZMA of Chennai district in the meeting held on 28.06.2022 and replies submitted by the Project Proponent w.r. to the conditions specified by the DCZMA. The SCZMA also observed the replies furnished by the Project Proponent on the remarks of the Technical Expert Committee.

**Provisions in the CRZ Notification, 2011**

- As per the CRZ Notification, 2011, Para 3 (iv), land reclamation, bunding or disturbing the natural course of sea water except, construction or modernization or expansion of foreshore facilities like ports, harbours,



jetties, wharves, quays, slipways, bridges, sealink, road on stilts that are essential for activities is permissible.

- Vide Para 8 (i) I CRZ-I (i) (e), Construction of trans harbour sea link without affecting tidal flow of water is permissible activities.
- Vide Para 8 (i) I CRZ-I (ii) (g) Construction of trans harbour sea links, roads on stilts or pillars without affecting the tidal flow of water is permissible activities.
- As per the already existing clearances obtained, the condition was imposed by the MoEF & CC, GoI that in the event of any change in the project profile a fresh reference shall be made to the MoEF & CC, GoI. Hence, the proposal may be recommended to MoEF & CC, GoI for Clearance.

Hence, the Authority decided to recommend the entire project activities to MoEF& CC, GoI, with the following conditions.

- The excavation works should be avoided in the peak monsoon period and the excavation materials should be disposed in the proper manner.
- Construction materials should not be stored in CRZ areas.
- The temporary approach road for constructions of piers and bridges should be removed immediately, after completion of works then and there, so that there shall not be any obstruction to flow of water.
- The pile caps should be provided well below the bed level of river for unobstructed flow of water.
- NoC from the PWD should be obtained before the commencement of works.
- The construction of bridges, piers, ramps and other activities should not affect the free flow of water. Discharge details of the rivers and

drainage canals from PWD, WRO should be checked before designing the major bridge / minor bridge, so as to enable free flow of water in the rivers and drainage canals.

- No ground water from CRZ area shall be tapped for the project and the freshwater requirement for the proposed project should be ensured by the local body.
- Dust generated during the construction phase shall be mitigated by sprinkling of water.
- The excavation soil for the construction of piers should not be dumped in the river.
- **The following conditions imposed by the DCZMA should also be followed.**
  - The project proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 (amended time to time).
  - The proposed construction shall not disturb the land and marine ecology.
  - No cutting of trees shall be envisaged during implementation of the Project.
  - All the solid waste shall be handled as per the Solid waste Management Rules 2016.
  - The proponent shall comply with the Environmental Management Plan both during construction and operational phases.
  - The construction shall comply with the Construction and Demolition Waste Management Rules, 2016.
  - A rescue plan should be evolved and to be implemented on the event of any accidents/untoward incidents.
  - The project proponent shall undertake the establishment only after getting the required Clearances from Competent authorities such as Planning Permission, Plan Approval etc., including the clearance under CRZ Notification, 2011 and other statutory clearances.

**Agenda Item No.04 :Proposed construction of Integrated Storm Water Drains (ISWD) in Kovalam Basin-M2 by the Superintending Engineer, Storm Water Drain Department, Greater Chennai Corporation, Chennai**

**Project Cost: Rs.446.28 crores (for CRZ & non CRZ areas)**

The SCZMA has examined the recommendation of the DCZMA of Chennai district in the meeting held on 28.06.2022 and replies submitted by the Project Proponent w.r. to the conditions specified by the DCZMA. The SCZMA also observed the replies furnished by the Project Proponent on the remarks of the Technical Expert Committee.

**Provisions in the CRZ Notification, 2011**

As per CRZ Notification 2011, vide Para 3 (v) (b), storm water drains and ancillary structures for pumping is permissible activities; However as per Para 4 (ii) (d), the proposed activities require clearance from the Ministry of Environment, Forests and Climate Change, Govt. of India.

Hence, the Authority decided to recommend the entire project activities to MoEF& CC, GoI, with the following conditions:-

- The recharge pits should be maintained cleanly and stagnation of dust and other materials should be cleaned, periodically.
- The Project Proponent should ensure the outfall levels of the discharge points should be above the maximum level of flow of the Buckingham canal, so as to prevent the water flow from B'Canal to Storm Water drains.
- In the areas where the discharge points is either equal or slightly lower, necessary pumping facilities should be made for discharging the water to B'canal.
- The outfall points needs adequate pumping facilities, so as to avoid overflow during heavy rain period.
- The groundwater quality should be observed, periodically.
- Periodically measures should be taken for easy movement of public during the constructions period.
- After completing the work, the Project Proponent should ensure the Operation and Maintenance of the structures, appropriately.

- The Proponent should ensure that no sewage water will be mixed with storm water drain structures even during heavy rain.
- **The following conditions imposed by the DCZMA should also be followed:-**
- The project proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 (amended time to time).
- Prior Planning permission shall be obtained for the proposed storm water drain, if any, from the local authorities concerned and the proposed constructions should satisfy the local Town and Country Planning regulations and Para 8(I) CRZ-I (i) & (ii), 8 (i) II CRZ II (i), (ii) and (iii) of CRZ Notification 2011.
- CMDA's grid of road projects should be taken into consideration in the proposal.
- The proposed construction shall not disturb the land and marine ecology.
- No ground water from Coastal regulation zone area shall be tapped for the project.
- No cutting of trees shall be envisaged during implementation of the Project.
- All the solid waste shall be handled as per the Solid waste Management Rules 2016.
- The proponent shall comply with the Environmental Management Plan both during construction and operational phases.
- The construction shall comply with the Construction and Demolition Waste Management Rules, 2016.
- The project proponent shall undertake the establishment only after getting the required Clearances from Competent authorities such as Planning Permission, Plan Approval, if any, including the clearance under CRZ Notification, 2011 and other statutory clearances.

**Agenda Item No.05 Construction of Fish Landing Centre at Keezhathottam Village in Pattukottai Taluk, Thanjavur district by Assistant Director, Department of Fisheries and Fishermen Welfare, Thanjavur**

**Project Cost Rs.8 crores**

The SCZMA has examined the recommendation of the DCZMA of Thanjavur district in the meeting held on 30.03.2022 and reply submitted by the Project Proponent to the remarks of the Technical Expert Committee.

**Provisions in the CRZ Notification, 2011**

- As per CRZ Notification, 2011, vide Para 4 (i) (a), Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities.
- Para 4 (f), construction and operation for ports and harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures and salt works are permissible activities.
- Para 3 (i) (a) & 3 (iv) (b to d) construction for the foreshore facilities in CRZ and land reclamation, bunding or disturbing /the natural course of seawater for the construction or modernization or expansion of foreshore facilities like Ports, harbours, jetties etc., are permissible activities.
- Para 8 (i) III CRZ-III (A)(I), facilities required for local fishing communities such as fish drying yards, auction halls, net mending yards, traditional boat building yards, ice plant, ice crushing units, fish curing facilities and the like, are permissible activities.
- Para 8 III CRZ-III (A)(J), construction of dispensaries, schools, public rain shelter, community toilets, bridges, roads, provision of facilities for water supply, drainage, sewerage, crematoria, cemeteries and electric sub-station which are required for the local inhabitants may be permitted on a case to case basis by CZMA.
- As per Para 4(i) and 4.2. (ii)(c) of the said Notification, the proposal may be recommended to SEIAA, for issuing Clearance.

Hence, the Authority decided to recommend the project activities to SEIAA, with the following conditions:-

- The Project Proponent shall ensure that there shall not be any damage to the marine aquatic animals due to establishment and commissioning of Fish Landing Centre.
- The Project Proponent shall provide toilet facility and also septic tank and soak pit arrangements for the treatment and disposal of sewage to be generated from the facility.
- The Project Proponent shall ensure that there shall not be any fish processing activities.
- The Unit shall dispose the solid wastes to be generated if any as per the Solid Waste Management Rules, 2016.
- The construction debris and other type of waste shall not be disposed in the CRZ areas.

**Agenda Item No.06 Reconstruction of Bathing Ghats (Stone Mandapam, Entrance Stone Arch, Stone handrails in Bathing Ghats) and passenger Boat Jetty at Rameswaram proposed by the Department of Tourism, Govt. of Tamil Nadu, Chennai**

**Project Cost Rs.49.70 crores**

The SCZMA has examined the recommendation of the DCZMA for Ramanathapuram district in the meeting held on 27.06.2022 and replies submitted by the Project Proponent w.r. to the conditions imposed by the DCZMA and remarks of the Technical Expert Committee.

**Provisions in the CRZ Notification, 2011**

As per CRZ Notification 2011, vide Para 4 (i) (a) Clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore facilities; Para 3(iv), land reclamation, bunding required for the setting up of construction of foreshore facilities like bridges, sealink, road on stilts are permissible activities. Para 4 (ii) (i), Demolition and reconstruction of (a)

buildings of archaeological and historical importance, (b) heritage buildings; and buildings under public use which means building such as for the purposes of worship, education, medical care and cultural activities, are permissible and shall require clearance from MoEF & CC, GoI, after being recommended by the SCZMA.

Hence, the Authority decided to recommend the entire proposed activities to MoEF& CC, GoI, with the following conditions:-

- The platform for the boat jetty should be constructed by eco-friendly materials only viz., wooden materials.
- The Project Proponent should ensure that the sea grass bed should not be affected at any cause.
- The boat jetties should be used only for tourism purpose activities, as assured by the Proponent.
- The reconstruction of the facilities should factor in the measures to dissipate the energy from wave action.
- There should not be any ground water extraction in CRZ areas.

**Agenda Item No.07 Capacity optimization of the Operational Ennore Coal Terminal Private Limited (ECTPL) at Kamarajar Port, Puzhuthivakkam Village, Ponneri Taluk, Tiruvallur District.**

The SCZMA has examined the recommendation of the DCZMA of Tiruvallur district in the meeting held on 11.07.2022 and replies submitted by the Project Proponent w.r. to the conditions specified by the DCZMA. The SCZMA also observed the replies furnished by the Project Proponent on the remarks of the Technical Expert Committee.

**Provisions in the CRZ Notification, 2011**

As per CRZ Notification 2011, vide Para 4 (i) (a) clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore activities; However the proposal requires clearance from the Ministry of Environment,

Forests and Climate Change, Govt. of India vide Para 4 (ii) (d) of CRZ Notification 2011.

Hence, the Authority decided to recommend the entire project activities to MoEF& CC, GoI, with the following conditions:-

- The Project Proponent should use the latest technology for sprinkling water to moisture the surface for reducing air pollution.
- The mechanical loading system should be established.
- The windnet should be erected in the upwind direction to reduce wind speed hitting the coal stock.
- The windnet should not be erected as a rigid structure. It should be allowed to get sagged in order to avoid swirling effect.
- There should not be any ground water extraction in CRZ areas.

**Agenda Item No.08 Providing temporary walkways for the differently abled persons at Elliot's Beach, Besant Nagar, Urur Olcottkuppam Village, Velachery Taluk, Chennai district by Superintending Engineer, Bus Route Road Department, Greater Chennai Corporation**

**Project Cost Rs.1.00 crore**

The SCZMA has examined the recommendation of the DCZMA of Chennai district in the meeting held on 14.06.2022 and replies submitted by the Project Proponent w.r. to the conditions specified by the DCZMA. The SCZMA also observed the replies furnished by the Project Proponent on the remarks of the Technical Expert Committee.

Provisions in the CRZ Notification, 2011

As per Para 4(i)(a), Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities. Further, as per Para 8 (i) CRZ-I (i) (c), facilities that are essential for activities permissible under CRZ-I, is permissible activities. As per Para 4.2. (ii)(c), the proposal may be recommended to SEIAA.



Hence, the Authority decided to recommend the project activities to SEIAA, with the following conditions:-

- No Permanent structure should be constructed.
- The Greater Chennai Corporation should regularly inspect the temporary walkways, monitor and maintain the same. The temporary walkways should be dedicated only to disabled persons.
- There should not be any ground water extraction in CRZ areas.
- Conspicuous signage shall be provided for the parking areas and temporary walkways of the differentially abled persons.
- No construction activity shall be started / undertaken by the proponent until obtaining the CRZ clearance from the competent authority.
- **The following conditions imposed by the DCZMA should also be followed:-**
  - The project proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 (amended time to time).
  - Designated accessible parking areas and ingress/ egress access routes should be provided for the differentially abled people to ensure safety precautions.
  - The condition of the surrounding beach environment, beach elevation and slope, seasonal tide fluctuations, shoreline change rates, dune system, wave action shall be considered while providing the temporary walkways.
  - Temporary walkways shall be constructed in accordance to the locally adopted building code to provide for public safety.
  - The temporary walkways surface shall be durable, stable, firm and slip resistant, and should be regularly maintained to prevent sand accumulation that may hinder access.

- The temporary walkway should be laid on the existing pathway used by public at present.
- Conspicuous signage shall be provided for the parking areas and temporary walkways of the differently abled person.

**Agenda Item No.09 Construction of Beach Resort at S.No.87/1B, 87/1A2, 87/2, 87/1B1A, 81/2B2 at Kannirajapuram Village, Kadaladi Taluk, Ramanathapuram district by M/s. K four Apartments & Hotels Pvt. Ltd., Madurai**

**Project Cost Rs.7.00 crores**

The SCZMA has examined the recommendation of the DCZMA for Ramanathapuram district in the meeting held on 27.06.2022 and replies submitted by the Project Proponent w.r. to the conditions imposed by the DCZMA.

**Provisions in the CRZ Notification, 2011**

- As per the CRZ Notification, 2011, Para 8 (i) III CRZ-III (B) (Area between 200m to 500m), development of vacant plot in designated areas for construction of hotels or beach resorts for tourist and visitors subject to the conditions as specified in the guidelines at Annexure-III of the Notification, is permissible activities, with prior approval of MoEF & CC, GoI.
- As per the Office Memorandum dated 26.04.2022 of MoEF & CC, GoI, development of beach resorts or hotels with built up area < 20,000 sq.mtrs in the designated area of CRZ-III required standalone CRZ Clearance from MoEF & CC, GoI.

Hence, the Authority decided to recommend the entire project activities to MoEF& CC, GoI, with the following conditions:-

- The Project Proponent should not carry out any constructions activities in CRZ-III (A) (No Development Zone).
- The Project Proponent shall segregate the municipal solid waste generated as Biodegradable and Non-biodegradable (Recyclable) and

dispose the same scientifically as stipulated in Solid Waste Management Rules, 2016.

- Proper arrangements should be made for the disposal of biodegradable solid waste generated in the project area, by providing Organic Waste Converter (OWC).
- The Project Proponent shall provide rainwater storage / harvesting facilities to recharge the ground water.
- The Project Proponent should obtain planning permission approval for their proposed activity from the Department of Town and Country Planning.
- The Project Proponent shall comply with all the conditions stipulated in the guidelines attached as Annexure-III in the CRZ Notification, 2011.
- The Project Proponent shall develop green belt to the maximum extent within the premises.
- There should not be any ground water extraction in CRZ areas.
- **The following conditions imposed by the DCZMA should also be followed:-**
  - The Proponent shall ensure that there is no beach activity during the turtle nesting season (i.e. for four months from 1<sup>st</sup> January to 30<sup>th</sup> April every year (both days inclusive)) as per the Notification by the Animal Husbandry, Dairying and Fisheries Department, Govt. of Tamil Nadu dated 27.09.2016.

**Agenda Item No.10      9 MMTPA Refinery in Nagapattinam - Relocation of Desalination Plant & its related pipeline facilities - Amendment of Coastal Regulation Zone (CRZ) Clearance of Cauvery Basin Refinery (CBR) Project**

**Project Cost Rs.2191 crores**

The SCZMA has examined the recommendation of the DCZMA of Nagapattinam district in the meeting held on 11.07.2022 and replies submitted by the Project Proponent w.r. to the conditions specified by the DCZMA. The SCZMA also observed the replies furnished by the Project Proponent on the remarks of the Technical Expert Committee.

Provisions in the CRZ Notification, 2011

- As per CRZ Notification 2011, vide Para 4 (i) (a) clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore activities;
- Vide Para 8(i) II CRZ-II (v), Desalination Plants and associated facilities are permissible in CRZ-II areas.
- Vide Para 4 (ii) (h), facilities for desalination plant is permissible and shall require clearance from MoEF & CC, GoI.

Hence, the Authority decided to recommend the entire project activities to MoEF& CC, GoI, with the following conditions:-

- The Project Proponent should ensure that the salinity of the output water does not affect the environment and the organisms.
- The sand beach should not be disturbed, at any cost.
- The Project Proponent should check the quality of the intake water to check oil and heavy metals contamination.
- The project proponent shall undertake the establishment only after getting all the required Clearances such as Planning Permission, CTE from TNPCB, Clearance under CRZ Notification, 2011 etc., from Competent authorities.
- The project proponent shall not draw any groundwater in CRZ area, under any circumstances.
- The temperature of water at the outfall point should be maintained within the prescribed levels.
- The Project should not affect the fishing activities in any way and also should not hinder the livelihood of the Fishermen.
- No excavated material during the construction shall be dumped in water bodies or adjacent areas.
- The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018
- The Project Proponent shall install rooftop solar panels for the generation and utilization of electricity for its premises to the maximum extent possible.

- The temporary road should be removed immediately after completion of construction activities.
- To protect erosion, the bio shield protection structures may be proposed instead of construction of retaining wall.
- **The following conditions imposed by the DCZMA should also be followed.**
  - The Proponent should obtain land alienation from the Government before obtaining the clearance and commencement of works.
  - As agreed by the Proponent, 10 MLD of drinking water should be provided to Nagapattinam Municipality at their distribution point free of cost.
  - The Proponent should provide floating illuminated buoys to indicate the fishermen regarding the pipeline in the sea.
  - The Proponent should grow ten times the number of Casuarina trees that would have to be removed along the coast line of Nagapattinam district in the land identified by the District Administrative, after getting due approval from the District Green Committee. The DCZMA also requested that Proponent shall through CSR facilitate the plantation of 10 lakhs saplings of Casuarina/Coconut/Palmyra along the coast of Nagapattinam district to re-create the bio-shield post-Gaja Cyclone.

**Agenda Item No.11 Proposed additional construction of building (Anechoic Chamber) to the earlier existing warehouse & R&D building, at S.No.175 (part) of Ernavoor Village, S.No.6/1A1 of Tiruvottiyur Village in T.S.No. 3, 5/1A, 5/2A Block No.1, Ward No.1 of Thiruvottiyur, Wimco Nagar, Ennore Express Road, Chennai by M/s. MRF Limited, Chennai**

The SCZMA has examined the recommendation of the DCZMA for Chennai district in the meeting held on 14.06.2022 and replies submitted by the Project Proponent w.r. to the conditions imposed by the DCZMA and remarks of the Technical Expert Committee. The Authority also observed the pending Application before Hon'ble NGT (SZ) on the existing construction of M/s.MRF Ltd., on the same project site.

Hence, the Authority has decided to resubmit the proposal after receiving the legal opinion from the Standing Counsel w.r.to the proposed additional constructions.

**Agenda Item No.12: Proposed Establishment of Petrol / Diesel Bunk at SF No. 628/16C2, Chinnamuttam Village, Agastheeswaram Taluk, Kanyakumari district by Thiru J. Justin, Kanyakumari**

**Project Cost Rs.57.30 lakhs**

The SCZMA has examined the recommendation of the DCZMA for Kanyakumari district in the meeting held on 13.04.2022.

Provision in the CRZ Notification, 2011

As per CRZ Notification 2011, vide Para 8 II CRZ-II (iv) facilities for the receipt and storage of petroleum products shall be allowed in CRZ-II areas and as per the Para 4 (i) (d) of the said Notification, the proposal may be recommended to the concerned local planning Authority.

Hence, as the proposed activity is less than 20,000 sq.mts built up area, the Authority decided to recommend the proposal to the Planning Authority viz., Department of Town and Country Planning, with the following conditions:-

- Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- There should not be any ground water extraction in CRZ areas.
- The safety necessity and other guidelines prescribed by the Oil Industry Safety Directorate in the Ministry of Petroleum and Natural Gas, Petroleum Explosives Safety Organization (PESO) shall be strictly implemented.
- The Design and construction of petrol bunk shall comply with the prescribed / stipulated standards specifications.

- The Fire Hazard, if any, should be handled as indicated in the proposal and all the equipment and facilities should be established as proposed.

**Addl. Agenda Item No.01 Construction of Curved Training Walls (Groynes) in the Northern and Southern sides of Cooum River Mouth (Eastern side of Regulator) and allied works for the sustainable opening of Cooum River Mouth in Chennai district proposed by Executive Engineer, Water Resources Department, Araniyar Basin Division, Chepauk, Chennai.**

**Addl. Agenda Item No.02 Construction of training walls in the Northern and Southern sides of Ennore Creek / Inlet (South Side of M/s. KPL Ltd.) and deepening the Kosasthalaiyar River mouth for the sustainable opening of River mouth in Thiruvottiyur Taluk, Tiruvallur district by the Executive Engineer, Water Resources Department, Araniyar Basin Division, Chepauk, Chennai.**

The Authority has accepted the recommendation of the Technical Expert Committee for forming an Expert Committee to monitor the entire works, with the following expert members:-

- An Expert from Ocean Engineering Department, IIT Madras, Chennai
- An Expert from National Centre for Coastal Research (NCCR), Chennai
- An Expert from Dept. of Civil Engineering, Anna University, Chennai

The Authority has also requested to send the proposal to Government for forming the Expert Committee.

**Addl. Agenda Item No.03: Present status on the Preparation of Coastal Zone Management Plan for the Tamil Nadu as per the CRZ Notification, 2019**

The Authority learnt the process of preparation of CZMP as per the CRZ Notification, 2019 and accepted to meet out the expenditures towards conducting public hearing, printing charges and other miscellaneous expenditures etc., from the Coastal Zone Development funds.

**Addl. Agenda Item No.04: Directions on OA No.234 of 2017 filed before the Hon'ble NGT (SZ) on unauthorized construction of St. Peter and Paul Sea Food Export Pvt. Ltd., Royapuram, Chennai.**

The request of the DCZMA was considered by the Authority and suggested to send the same to Government for issuing necessary directions to Greater Chennai Corporation / Chennai Metropolitan Development Authority, for taking action to demolish the said building.

**-Sd/-xxx**

**Thiru Deepak S. Bilgi, I.F.S.,  
Member Secretary,  
Tamil Nadu State Coastal Zone  
Management Authority &  
Director, Department of Environment  
& Climate Change,  
Chennai - 15.**

**-Sd/-xxx**

**Tmt. Supriya Sahu, I.A.S.,  
Chairperson, Tamil Nadu State Coastal  
Zone Management Authority and  
Additional Chief Secretary to  
Government,  
Environment, Climate Change &  
Forests Department,  
Secretariat, Chennai-9.**