

# 120<sup>th</sup> MEETING

## TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

**Date:** 05.04.2023 (Wednesday)

**Time:** 11.00 A.M.

**Venue:**

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

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### AGENDA

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**Agenda Item No. 01:** Confirmation of the minutes of the 119<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 12.12.2022

The 119<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 12.12.2022 and the minutes were communicated to the Members of the Authority, vide this office letter No.P1/1950/2021 dated 21.01.2023.

**Agenda Item No.02:** The action taken on the decisions of 119<sup>th</sup> meeting of the Authority held on 12.12.2022

Sl. No.	Subject	Action taken
01	Proposed construction of Marine Bridge connecting Vivekananda Rock Memorial and Ayyan Thiruvalluvar Statue at Kanyakumari by the Divisional Engineer, Highways Department, Nagercoil	As resolved by the Authority, the proposal has been forwarded SEIAA, for issuing Clearance, vide this office letter No. P1/1005/2022, dated 25.01.2023
02	Proposal seeking amendment for the inclusion of the Museum with in the proposed Kalaignar Memorial Pavilion project in the basement of Muthamizh Arignar Dr.Kalaignar Memorial within existing Anna Memorial Campus at Kamarajar Salai, Chennai District by Public Works Department	As resolved by the Authority, the proposal has been forwarded to CMDA, for issuing clearance, vide this office letter No. P1/2502/2022, dated 21.03.2023

Sl. No.	Subject	Action taken
03	Kudankulam Nuclear Power Project, Anuvijay Township, Chettikulam Village, Radhapuram Taluk, Tirunelveli district by the Site Director, Kudankulam Nuclear Power Project, Kudankulam, Radhapuram Taluk, Tirunelveli district - Clearance requested for the existing construction activities	As resolved by the Authority, the proposal has been forwarded to GoTN, for forwarding to MoEF& CC, GoI, vide this office letter No. P1/1530/2022, dated 25.01.2023.

**Agenda Item No.03 Re-routing of initial 0-5.5 km long underground multiproduct pipeline, in between CPCL Refinery Manali and Kosan Bottling Plant at Vayakadu Village in the Chennai-Asanur Section of Chennai-Trichy-Madurai Petroleum product pipeline (CTMPL) proposed by M/s. Indian Oil Corporation Limited, Chennai**

M/s. Indian Oil Corporation Limited, Southern Region Pipelines, Chennai Pump Station, Manali, Chennai has proposed for Re-routing of initial 0-5.5 km long underground multiproduct pipeline, in between CPCL Refinery Manali and Kosan Bottling Plant at Vayakadu Village in the Chennai-Asanur Section of Chennai-Trichy-Madurai Petroleum product pipeline (CTMPL).

**Existing Clearance**

The Project Proponent has got Environmental Clearance from MoEF & CC, GoI for laying of underground 520km long Chennai-Trichy-Madurai Petroleum Projects Pipeline (CTMPL) through letter No.J-11011/61/2000-IA.II(I), dated 21.03.2001.

**Need for re-routing the project**

The Project Proponent stated that CTMPL stretch from Ch.0.10 km to 2.40 km is laid in independent ROW, after coming out from CPCL boundary, CTMPL has crossed Buckingham Canal and it is running parallel to Canal. However, with rapid urbanization, Right of Way (RoW) and adjacent areas have been converted into dump yard, which is detrimental to the pipeline health. Also, HT transmission lines have crossed out pipelines and its towers are very close the pipeline. It has been observed that condition of the Coal Tar Enamel (CTE) coating of CTMPL has generally deteriorated due to ageing (laid in 2004-05) and soil conditions. The normal wall thickness of 0.25" pipe was used for Horizontal Directional Drilling (HDD) crossing on station discharge at Ch. 0.20-0.25km.

In view of the above fact and the entire area falling under the high pressure zone immediately downstream of Manali Pump Station, and age related coating deterioration exacerbated by environmental factors had already set in and also considering that the approach for carrying out any repairs in Chainage 2.6 km - 5.5 km is extremely difficult

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for most part of the year and any pipeline failure in waterbody, can lead to environmental impact. Hence, the Project Proponent has proposed to replace the entire stretch from 0-5.5 km in one go using higher wall thickness pipe (0.375") in different RoW with better coating system.

#### Project description

The project includes laying 14" OD underground pipelines for a length of 5.548 km and width of 18m as Right of Use, from CPCL Refinery, Manali to the existing Pipeline near Kosan Bottling Plant at Vayakkadu Village and through various hinterlands of Chennai district for transporting petroleum products. The thickness of the pipeline is 0.375" and operating temperature is 25-40°C. Flow capacity of the pipeline is 3.9 MMTPA (573 KL/hr). The re-routing of initial 0-5.5 km long underground multiproduct pipeline traverses besides Buckingham Canal and crosses Kosasthalayar River / Creek.

#### Water requirement

The requirement of construction water from the project would be met through the public utility systems or through water tankers as available. Maximum 5 KLD will be utilized at site.

#### CRZ Classification and total cost of the project

The proposed pipeline crossing CRZ area for a length of 1092 km viz., CRZ-IB: 19.60m, CRZ-II : 1044.25m and CRZ-IVB : 28.06m and the total length of Non-CRZ area is 4456m. The total cost of the project is Rs.33.94 crores.

#### Recommendations of the DCZMA

The proposal was placed before the DCZMA for Chennai district in the meeting held on 26.10.2022 and the DCZMA has recommended the proposal to SCZMA with the following conditions.

1. The project proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 as amended.
2. No permanent labour camp, machinery and material storage shall be allowed in the CRZ area.

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3. No construction activity shall be started / undertaken by the Proponent until obtaining the CRZ Clearance from the competent authority.
4. The Project Proponent shall obtain necessary permission from PWD, WRD Division for the laying of pipeline crossing the Kosasthalayar River.
5. Construction activity shall be carried out strictly as per the provisions of CRZ Notification, 2011 on the landward side of the existing road.
6. All the solid waste shall be handled as per the Solid Waste Management Rules, 2016.
7. The Project Proponent shall comply the conditions stipulated in the letter No. M2/015617/2021, dated 27.07.2022 issued by the CMDA.
8. The Project Proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
9. Any Hazardous waste generated during construction / operation phase shall be disposed off as per applicable rules and norms with necessary approvals of the TNPCB.
10. Oil spills if any shall be properly collected and disposed as per the Rules.
11. The Proponent shall comply with the Environmental Management Plan during construction and operational phases.
12. 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 the CRZ Notification, 2011 and other statutory clearances.

The Project Proponent has submitted the compliance for the above said conditions, vide letter dated 13.12.2022.

#### Provisions in CRZ Notification, 2011

- Para 8 (i) CRZ-I (i) (b), pipeline, conveying system including transmission line is permissible activities.
- Para 8 (i) II CRZ-II, (iv), facilities for receipt and storage of petroleum products and liquefied natural gas as specified in Annexure-II, is permissible activities.
- However, as per Para 4 (ii) (d), laying of pipelines, conveying systems, transmission line are permissible and shall require clearance from MoEF & CC, GoI.

**Remarks of the Technical Expert Committee**

- a. Intelligence pigging survey should be done for maintaining the pipeline.
- b. During the installation of the pipeline, the banks of the Buckingham of Canal should not be disturbed.
- c. Monitoring mechanism after the installation needs to be framed and detail of maintenance shall be provided. The proponent shall submit the periodical-maintenance report for every six months voluntarily to the concerned regulatory agencies and also uploaded in their website
- d. Utmost care shall be taken on the safety of the Pipeline system by the project proponent.

With the above comments, the expert committee recommended the proposal for consideration by the Authority (TNSCZMA).

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



**Agenda Item No.04 Proposed construction of Muthamizh Arignar Dr. Kalaignar Pen monument in Bay of Bengal, Off the coast of Marina Beach near Triplicane Village, Chennai district by the Public Works Department, Government of Tamil Nadu**

The Executive Engineer, PWD, Building Construction Division-I, Chepauk, Chennai has proposed to construct "Muthamizh Arignar Dr. Kalaignar Pen Monument" in Bay of Bengal off the coast of Marina Beach near Triplicane Village, Chennai district.

**Need of the project**

This Pen Monument construction will be implemented for commemorating the contribution to Eyal, Esai, Nadagam done by Muthamizh Arignar Kalaignar Dr. M. Karunanidhi to the Tamil literature and the PEN symbolizes his greatest talent and prowess through which he ruled Tamil hearts and grew up to be a mass leader.

**Description of the project**

The proposed total area of the project is 8551.13 sq.m consisting of Pen Pedestal above sea, Pedestrian Pathway above sea, Lattice Bridge above beach & land, Pedestrian Pathway above beach, Pedestrian Pathway from Muthamizh Arignar Dr. Kalaignar Memorial to bridge above beach.

Sl. No.	Description	Area in Sq.m.
1	Pen Pedestal above sea	2263.08
2	Pedestrian Pathway above sea	2073.01
3	Lattice Bridge above Beach & Land	1856.00
4	Pedestrian Pathway above Beach	1610.60
5	Pedestrian Pathway from Muthamizh Arignar Dr. Kalaignar Memorial to bridge above beach	748.44
	Total	8551.13

- a) The proposed PEN monument is 42 mtr. tall, surrounded by landscaped gardens and located in the Bay of Bengal at a distance of 360 Mts. from the shore designed in remembrance for his contributions towards Tamil literature.

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- b) There will be a pedestrian bridge from his memorial to the PEN Monument at an elevation of 6 Mts. from the High Tide Line.
- c) The length of the bridge over the land is 290 Mts. (220 mts. in CRZ-II, 70 Mts. in CRZ-IA) and over the Sea in 360 Mts. (CRZ-IVA), totally covering a travel distance of 650 Mts.
- d) The width of the bridge has been increased from initially designed 7m with two unidirectional walkways of 3.5m each and the width of glass is reduced to 2m.
- e) The following are the components of the project
  - Pen Pedestal
  - Pedestrian cum Glass Walkway
  - Lattice Walkway
  - Elevated Walkway
- f) Based on the bathymetry survey, the minimum depth is required for construction of monument is 6m from HTL to seabed which is achieved at the 360m from LTL of the sea.

#### **Other features of the project**

- The project proponent has proposed to treat about 1 KLD of sewage generated during the construction phase through Package STP and sanitary facilities available inside the existing memorial (CRZ clearance obtained from TNSCZMA vide Proc.No.P1/2462/2021 dated 06/01/2022) will be utilized for the proposed sewage generated during the operation Phase.
- The treated water from the existing memorial will be used for green belt developed within the premises and sludge will be used as manure for green belt.
- The project proposes to generate 98 kg/day of municipal solid waste which would be disposed through municipal / corporation bin on daily basis.
- The project proposes to utilize DG power backup & 100KVA power sourced from TANGEDCO for lightening load and 125kVA DG set as power backup with 12 Lit/Hr of HSD as its fuel.

- The project proposes to dispose the used/spent oil generated from the DG set through TNPCB authorized recyclers.

### **Three Sites were considered**

The Project Proponent stated that three sites were considered for the above project and the details are given below.

#### **1. Site-I - Approx. 360m away from the LTL of Cooum River Mouth**

The Site-I was rejected due to its proximity to the Cooum River mouth, heavy siltation warrants frequent desiltation, free tidal flow of water in the Cooum River will be affected and laying of new road is required.

#### **2. Site II- Approx.360m from the LTL of Bay of Bengal along the axis of existing Muthamizh Arignar Dr.Kalaignar Memorial:**

##### **The reasons for selection of this site:**

- The **Site II** falls in the CRZ IV A
- Its proximity & significance of the existing memorial
- No disturbance to any other nearby activities
- There will be no additional traffic congestion and community pollution load since the visitors will be common for all the attractions nearby including Marina Beach & other memorials.
- laying of new roads does not arise.

Already Anna Square within which Muthamizh Arignar Dr. Kalaignar Memorial is located is a tourist attracting place. Hence it is more relevant placing this new project abutting Muthamizh Arignar Dr.Kalaignar Memorial

#### **3. Site III- Approx. 360m from the LTL of Bay of Bengal near the Loop Road.**

The **Site III** which falls under CRZ IV A was rejected due to its proximity to Olive Ridleys nesting sites, nearness to the fish market, fishing yard & nearer to Light house.

**Expected cost and CRZ classification of the project**

The expected cost of the project is about Rs.81 crores. The proposed site falls under CRZ-IA, CRZ-II and CRZ-IVA areas.

**Recommendations of DCZMA for 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 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 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. The Proposed activity shall not interfere with the fishermen, Marine patrol & Public movement at any point of time. Also the fishing boats movement shall also not be hindered.
5. No ground water from Costal regulation zone area shall be tapped for the project.
6. The project proponent shall treat the sewage through Sewage treatment plant of 10 KLD Capacity provided at the existing memorial. The treated water shall be used for green belt developed within the memorial premises and the sludge generated shall be used as manure for green belt.
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.

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10. The construction shall be designed and constructed in accordance to the seismic factors applicable to moderate intensity zone.
11. The construction shall comply with the Construction and Demolition Waste Management Rules, 2016.
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.
13. As proposed the project proponent shall install Solar Panel of ROHs standards for lighting within the project premises.

### **Provisions in the CRZ Notification, 2011**

- As per CRZ Notification, 2011, Para 3, (xiii) Dressing or altering the Dressing or altering the sand dunes, hills, natural features including landscape changes for beautification, recreation and other such purpose [except utilizing the rocks/hills/natural features, only in CRZ- IV (A) areas, for development of memorials/ monuments and allied facilities, by the concerned State Government]
- Para 4 (ii) (j) construction of memorials/ monuments and allied facilities by the concerned State Government in CRZ-IV (A) areas in exceptional cases, with adequate environmental safeguards, subject to the following, namely:-
  - (A) The concerned State Government shall submit justification for locating the project in CRZ area along with details of alternate sites considered and weightage matrix on various parameters including environmental parameters to State CZMA who will examine the project and make recommendation to the Central Government (MoEF) for grant of Terms of Reference (ToRs) for preparation of an environmental impact assessment report by the State Government;
  - (B) on grant of ToRs by the Central Government, the concerned State Government shall submit the draft Environmental Impact Assessment report (EIA) with Environmental Management Plan (EMP), draft Risk Assessment Report with Disaster Management Plan (DMP) including on-site and off-site emergency plan and evacuation plan during emergency, to the State Pollution Board for conduct of public hearing for the proposed project in accordance with the procedure laid down under the Environment Impact Assessment notification;

(C) The concerned State Government shall submit final EIA, EMP, Risk Assessment and DMP after addressing the relevant issues raised by the public during the public hearing, to State CZMA for their examination and recommendation to MoEF.

*(Note: Construction of memorials / monuments would generally discouraged in CRZ-IV areas and the same would be allowed only in exceptional cases with adequate environmental safeguards.)*

The subject was placed before the 116<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority, as additional agenda, held on 20.06.2022 and the Authority resolved to recommend the proposal to MoEF & CC, GoI as per the provisions of the Para 4 (ii) (j) of CRZ Notification, 2011, with the following condition.

- The conditions laid by the DCZMAs should be followed.

Accordingly, the proposal was recommended to MoEF & CC, GoI, vide Government of Tamil Nadu, Environment, Forests & Climate Change Department letter No. 12458/9/EC.3/2022-1, dated 25.07.2022. The MoEF & CC, GoI has scrutinized the proposal and issued Terms of Reference with Specific and General conditions, vide letter F.No.11-36/2022-IA.III, dated 27.09.2022. As per one of the condition the TNPCB has conducted the public hearing on 31.01.2023.

The Public Works Department furnished final EIA report by incorporating the concerns raised during public hearing meeting, EMP, Risk Assessment and DMP to the DCZMA, Chennai district.

Hence, the above subject was placed before the DCZMA in the meeting held on 24.03.2023 and the DCZMA has recommended the proposal to the Tamil Nadu State Coastal Zone Management Authority.

#### **Remarks of the Technical Expert Committee**

1. A comparative detailed compliance report for general TOR and specific TOR should be furnished by the project proponent to the SCZMA.

2. A Command Center should be provided for emergency exit monitoring system.
3. The project proponent has proposed a lattice bridge in the pedestrian pathway over the area falling in CRZ-1A to a distance of about 70 mts where there will be no pillars erected in the CRZ-1A area. There is clear passage for all the marine fauna to have access to the sandy areas including turtles.
4. The project proponent should not carry out any construction activities during the turtle nesting period especially during January to March especially in CRZ IA area and the adjacent beaches.
5. As a part of marine life conservation especially for the turtles, the project proponent shall ensure that there is no illumination on the CRZ IA and CRZ IV A areas during active turtle nesting period both during construction and operational phases.
6. Opinion from the Fisheries and Fishermen Welfare Department may be obtained that there is no restriction on the movements of fishing boats and also ensure that there is no hindrance to the fishing activities.
7. The proposal for having 2m wide glass flooring in the unidirectional walkway of 3.5m width in the overall pathway of 7m wide is not included in the erstwhile proposal submitted by the proponent. Therefore, the proponent is requested to clarify the same before the SCZMA.

With the above observations and remarks, the TEC recommended the proposal for consideration of the Authority.

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

**Agenda item No.05**            **Construction of cement storage and bagging facilities at V.O. Chidambaranar Port Authority, Harbour Estate, Thoothukudi by M/s. Ultra Tech Cement Limited, Mumbai.**

M/s. Ultra Tech Cement Limited, Mumbai proposed construction of cement storage and bagging facilities at V.O. Chidambaranar Port Authority, Harbour Estate, Thoothukudi.

**Description of the project:**

- M/s. Ultra Tech Cements Ltd., has proposed to construct cement storage and bagging facilities at VOC Port, Thoothukudi
- The cement will be received through closed vessels from M/s. Ultra Tech Cements Ltd., Gujarat and will be unloaded to the storage silos (2 Nos. each 6000 MT capacity) through Pneumatic system.
- The said cement storage silos will be constructed in the Water area (inside the VOC Port). Then from the silos the cement will be transferred / conveyed to the packing machine (2 Nos.) which will be constructed in the reclaimed area at South of South Break Water.

**Facilities of the proposed project**

- Construction of two closed cement storage silos (each 6000 MT capacity).
- Pipeline (of 245m length) from VOC Port jetty to storage silos to transfer the cement from the vessel to the storage silos.
- Closed conveyor belt (of 400m length) to transfer the cement from storage silos to bagging facilities.
- Construction / Installation of two packing machine each 120 TPH capacity.
- Installation of three truck loading machines each 120 TPH capacity.
- Installation of two bulk loading facilities each 300 TPH capacity.
- Construction of computer room, administrative & logistic room.
- Parking areas for the vehicles.



### **Other facilities of the project**

- The activity involved is only storing of the cement in silos and packing (bagging) in 50 Kg bags.
- To control the dust emission from the storage silos and from all transfer points Bag filters are proposed to be provided.
- During the operational phase about 2KLD water will be used for domestic purpose. The sewage generated (about 1.5 KLD) is proposed to be treated in the STP installed at VOC Port.

### **Total built up area**

The total built up area of the project is 14,480 sq.mtr.

### **Total cost and CRZ Classification of the project**

The total cost of the project is Rs.190 crores and the CRZ Classification of the project is CRZ-IVA areas.

### **Recommendations of the DCZMA of Thoothukudi district**

The DCZMA of Thoothukudi district has recommended the proposal to SCZMA in the meeting held on 12.01.2023, with the following conditions.

- The Unit shall obtain combined EC & CRZ clearance from TN-SEIAA.
- The Unit shall not dispose the sewage and municipal solid waste within the premises and shall ensure that the same are treated in the facility provided in VOC Port Authority.
- The Unit shall provide adequate dust control measures to control the dust emission generated from silos and from all transfer points.
- The construction works and other activities may be carried out without causing any disturbances and damages to the marine wildlife and their habitats.

The Project Proponent has submitted the compliance for the above said conditions, vide letter dated 24.02.2023.

**Provisions as per the CRZ Notification, 2011**

- As per Para 3(ii)(b) of CRZ Notification, 2011, facilities for receipt and storage of fertilizers and raw materials required for manufacture of fertilizers like ammonia, phosphoric acid, sulphur, sulphuric acid, nitric acid and the like, shall be permitted within the CRZ in the areas not classified as CRZ-IA.
- Storage of non-hazardous cargo, such as edible oil, fertilizers and food grains in notified port is permissible in CRZ-II areas, as per Para 8(i) II CRZ-II (vi) of CRZ Notification, 2011. But, there is no specific provisions in CRZ-IV areas.
- As per Para 4(ii)(d), laying of pipelines, conveying system, transmission line are permissible activities and should obtain clearance from MoEF & CC, GoI.

**Remarks of the Technical Expert Committee**

- 1) The space between the deck slab and the sea level should be clearly furnished for construction silos.
- 2) The measures taken for dust management and safety in case of disasters should be furnished.
- 3) The proponent has to furnish more details on the marine biodiversity and impacts on the same.
- 4) As per the provisions in the CRZ notification of 2011, there is provision only for storage of non-hazardous cargo, such as edible oil, fertilizer and food grain in the notified ports of CRZ II Areas. However, there is no explicit mention of the provisions either in the prohibited or permissible activities in CRZ IVA areas. Therefore, the proposals has to be appraised by the NCZMA.

With the above observations and remarks, the TEC recommended the proposal for consideration of the Authority.

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

**Agenda item No.06** 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 Coastal 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. The Joint Committee has inspected the site on 02.03.2022 and furnished report (copy enclosed).

#### **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".

Decision of TNSCZMA in the 118<sup>th</sup> meeting held on 14.10.2022

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.

Legal opinion received from Dr. D. Shanmuganathan, Standing Counsel for Govt. of Tamil Nadu

The Standing Counsel has communicated the Legal Opinion in this matter vide letter dated 14.02.2023 and stated as follows,

***"I have gone through orders of the National Green Tribunal made in OA 224 of 2021, to best of my knowledge, the Applicant was not granted an interim order against the respondents, including the Respondent No. 3 (TNSCZMA). Hence, there is no bar on the TNSCZMA to deal with the proposal received from MRF.***

*It is important to note that Joint Committee appointed by the Tribunal in OA 224 of 2021, has observed as:*

*The unit of M/s MRF LTD should obtain environmental clearance because that survey number cannot be used for industrial activity, since that land SF.NO falls on CRZ ZONE area. So that construction activity should be considered as separate*



*ware housing, testing and office purpose operation. At **this juncture M/s MRF LTD should obtain environmental clearance.** Emphasis added.*

*However, The Joint Committee has left it with SEIAA Expert Committee, to decide whether MRF LTD requires EC or not, as MRF's EC application is pending with SEIAA.*

*At the Final Hearing, if the Tribunal found against MRF that they did not obtain Environmental Clearance for their warehouse and R & D building, then the Tribunal has no other option except them to be removed or in other words to be demolished.”*

### **Remarks of the Technical Expert Committee**

1. The project proponent has assured that there is no any production and or any other industrial activity to be undertaken in the proposed project site. The proposal is only for Research and Development activities. And it is expansion of the building.
2. As per the legal opinion, it is clarified that, the committee can process the application for CRZ clearance. However, with regard to the applicability of the Environment Clearance, the proponent has to obtain EC, based on the applicability.
3. The legal opinion should be included, if the proposal is recommended to SEIAA for the consideration of the Committee.

With the above observations and remarks, the TEC recommended the proposal for consideration of the Authority.

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

**Agenda item No.07: Repair and Reconstruction of existing Industrial Shed at S.No.37/3A, 3B of Egattur Village, & S.No.103/2&3 of Kazhipattur Village, Thiruporur Taluk, Chengalpattu district Proposed by M/s. J.J. Impex Pvt. Ltd., (Maruthi Service Masters), Kazhipattur Village, Chengalpattu district - Clarification sought for from MoEF & CC, GoI**

M/s. J.J. Impex Pvt. Ltd., (Maruthi Service Masters), Kazhipattur Village, Chengalpattu district has proposed for reconstruction of existing Industrial Shed at S.No.37/3A, 3B of Egattur Village, & S.No.103/2&3 of Kazhipattur Village, Thiruporur Taluk, Chengalpattu district.

2) The proposal includes the repair and reconstruction of the existing factory building which consists of workshop, working hall, removed parts storage room, working area, Warranty room, engine room and special tool room, multi supports area lunch room, workers room, scrap room, workers toilet, tester line record room, training room, major assembly room, tool room, removed parts storage room, oil room, paint storage room and paint mixing room. The total built up area of the project is 3322.49 sq.m.

3) The DCZMA for Chengalpattu district has stated that the existing Industrial Shed was previously owned by M/s. Indo Metals Press (P) Ltd., and the Unit has obtained building plan approval from Mamallapuram Local Planning Authority vide letter dated 24.06.2010 and Planning Permission from the Deputy Director, Town and Country Planning, Chengalpattu region vide letter dated 08.07.2010. Further, the DEE, TNPCB, Maraimalainagar has stated that the Unit has obtained Consent to Operate from the TNPCB vide letter dated 25.01.2008 and subsequent renewal vide letter dated 10.10.2014 valid upto 30.06.2015 to carry out Phosphating and powder coating of automobiles pressed components.

4) The Unit has closed its operation and now the Project Proponent viz., M/s. J.J. Impex (Delhi) Pvt. Ltd., (Maruthi Service Masters) has purchased the said premises along with the existing industrial shed and proposed to repair and reconstruct the same to carryout the activity of servicing of cars including cleaning and repairing. The proposed cost of the project is Rs. 24.07 crores and **the site falls in CRZ-III (No Development Zone).**

.25.

5) As per the CRZ Notification, 2011, vide Para 8(i) III CRZ-III (A) (ii), No construction shall be permitted within NDZ except for repairs or reconstruction of existing authorized structure not exceeding existing Floor Space Index, existing plinth area and existing density and for permissible activities under the notification (**The word [existing, used] in relation to existence of various features or existence of regularisation or norms shall mean existence of these features or regularisation or norms as on 19.2.1991, when the CRZ Notification, 1991 was notified**). But the Unit has obtained building plan approval from Mamallapuram Local Planning Authority vide letter dated 24.06.2010 and not obtained Clearance under the CRZ Notification, 1991/2011.

6) The proposal was placed before the TNSCZMA in the 113<sup>th</sup> meeting held on 27.10.2021 & 01.11.2021 and the Authority has observed the facts and resolved to seek the following clarification from MoEF & CC, GoI.

- a) The Project Proponent has stated that while the area is not falling under CRZ area as per the approved CZMP prepared as per the CRZ Notification, 1991 and now is falling in CRZ area as per the approved CZMP prepared as per the CRZ Notification, 2011.
- b) Whether the CRZ Clearance under the Clause "Existing authorized structure" should be considered for this case.

7) Accordingly, the MoEF & CC has issued clarification and stated that reconstruction of existing structure may be permissible, provided it does not exceed existing Floor Space Index, existing plinth area and existing density. However, the proposed new activity of setting up a Unit for service of cars and repairing, is not covered in the permissible and regulated activity as per the CRZ Notification, 2011, vide letter F.No.19-27/2018-IA.III, dated 25.01.2023 (copy enclosed).

**Remarks of the Technical Expert Committee**

The committee accepted to submit the clarification before the Authority for information and communicate to the Project proponent.

**Agenda Item No.08: Modified proposal for the 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 submitted the modified proposal 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.

**Existing recommendation of TNSCZMA**

The Project Proponent has submitted the proposal and the TNSCZMA has recommended the proposal in the 118<sup>th</sup> meeting held on 14.10.2022. Now, the Project Proponent has submitted the modified proposal and requested for Clearance under CRZ Notification, 2011. The details of the existing and modified proposal are given below.

Project Details	Project Recommended in the 118 <sup>th</sup> TNSCZMA Meeting on 14.10.2022	ISWD Project (Revised Proposal)
Project	Construction of Integrated Storm Water Drain (ISWD) in "Kovalam Basin "M2" within Extended Greater Chennai Corporation (GCC) Area.	Construction of Integrated Storm Water Drain (ISWD) in "Kovalam Basin "M2" within Extended Greater Chennai Corporation (GCC) Area.
Location (SWD network coverage areas)	Kottivakkam, Palavakkam, Neelankarai, Enchambakkam, Uttandi, Sholinganallur, Karapakkam, Semmanjeri, Okkiam Thoraipakkam Villages in Sholinganallur Taluk, Chennai District & Thiruvanmiyur Village in Velachery Taluk, Chennai District.	Kottivakkam, Palavakkam, Neelankarai, Enchambakkam, Uttandi, Sholinganallur, Karapakkam, Semmanjeri, Okkiam Thoraipakkam Villages in Sholinganallur Taluk, Chennai District & Thiruvanmiyur Village in Velachery Taluk, Chennai District.
Length of the Storm Water Drain	Total length of Storm Water Drain - 112.115 Km (11.771 km in CRZ Area & 100.344 Km in Non CRZ Area)	Total length of Storm Water Drain - 121.94 Km (6.32 km in CRZ Area & 115.62 Km in Non CRZ Area)
Estimated Cost of the Project	Rs. 446.28 Crores (CRZ area Project Cost - Rs. 48.26 Crores & Non CRZ Area Project Cost - 398.02 Crores)	Rs. 659.82 Crores (CRZ area Project Cost - Rs. 24.32 Crores & Non CRZ Area Project Cost - 635.50 Crores)
CRZ Classification	CRZ II	CRZ IB, CRZ II & CRZ IVB
Catchment Area	17.80 Sq.Km	20.64 Sq.Km
Outfalls (Discharge points)	27 Nos.	56 Nos.
Rain Water Harvesting Pits	3,737 Nos.	4,065 Nos.
Sunken Well recharge structures	224 Nos.	250 Nos.

### Description of the modified project

The Integrated Storm Water Drain Project will cover the extended area of Greater Chennai Corporation over the length of Storm Water Drainage 121.94 Km (6.32 km in CRZ area & 115.62 km in Non-CRZ area) for collection of storm water from the catchment area of 20.64 sq.km.

### **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
  - Routing planned to avoid any tree cutting in the alignment
  - Alignment based on minimal disturbance to the surroundings environment.
- 
- The storm water is proposed to be discharged to the Buckingham Canal by gravity through the outfalls of 56 Nos. (53 Nos in under CRZ and 3 Nos. in Non-CRZ areas)
  - The proposed project component consisting the following specification.
    - Construction of new drain - 112.93 km length
    - Rehabilitation and / replacement of existing storm water drains, including de-silting as required 9.01 km length)
  - The water requirement about 6-8 KLD during construction phase will be sourced through private tankers arranged by the contractor.
  - The proponent has proposed to provide 1 No. of 62.5 KVA 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.
  - The estimated cost of the project is Rs.659.82 crores.

- The part of the project component falls under the CRZ-IB, CRZ-II & CRZ-IVB areas as follows.

Sl. No.	Project component in CRZ	CRZ Classification	Length / Area / Nos.
1	Proposed Storm Water Drain	CRZ-IB	215.9m
		CRZ-II	5295.71m
		CRZ-IVB	54.31m
2	Reconstruction of existing Storm Water Drain	CRZ-II	760.34m
3	Outfall	CRZ-IVB	53 Nos.

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

The estimated cost of the project is Rs. 659.82 Crores (CRZ area Project Cost is Rs. 24.32 Crores & Non CRZ Area Project Cost - 635.50 Crores)

### **Recommendations of the DCZMA of Chennai district**

The revised proposal was placed before the DCZMA of Chennai district in the meeting held on 24.03.2023 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.
2. Prior Planning permission shall be obtained for the proposed storm water drain, if any, from the local authorities concerned for the proposed project.
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.
12. The Greater Chennai Corporation shall ensure that no sewage / sullage / or any other untreated effluent is disposed in the storm water drain under any circumstances.

The Project Proponent has submitted the reply to the above conditions, vide their letter dated 03.04.2023

#### 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. As the proposed activity involves CRZ-IB area which is subjected to occasional flooding, the proponent needs to explain the maximum depth of the structures to be used in the design.
2. Justification for doubling the outfall should be explained in addition to the reason for the new outfalls to lie in CRZ-IB areas which was not proposed in the earlier proposal.



3. The proponent has to submit the outfall map indicating the various outfalls.
4. The Proponent should ensure that the proposed structure of the outfall which is intended to use the CRZ IVB area should not affect the regular flow of water in the Buckingham Canal. This may be explained with the design.
5. Necessary precautions to be taken to prevent scouring effect and anti-scouring measures that would be adopted needs to be explained in detail.
6. Differential elevation which would be followed for planning the outfall needs to be explained.
7. Necessary provisions where outfall would be almost at par in elevation to the Buckingham canal should have provisions for permanent pumping stations.
8. The discharge from the outfalls into CRZ-IV B area has to be explained in detail preferably in terms of maximum volume of water that would be discharged so as to justify that the erstwhile no. of outfall is not sufficient.
9. Proper safeguard from leakage and flooding in the Buckingham canal should be explained.
10. Mechanism such as one-way-valve may be explored at the outfalls so as to avoid back flow from the Buckingham Canal.
11. Monitoring mechanism to oversee pipelines/ outfall for leakage, scouring, monsoonal effects etc., should be well defined and methodology to be submitted.

With the above comments, the expert committee recommended the proposal for consideration by the Authority (TNSCZMA).

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

**Sd./- xxxx**

**Thiru Deepak S. Bilgi, I.F.S.,**

**Member Secretary,**

**Tamil Nadu State Coastal Zone Management**

**Authority & Director, Department of**

**Environment & Climate Change,**

**Chennai - 15.**

**MINUTES OF THE 120<sup>th</sup> MEETING OF THE TAMIL NADU STATE COASTAL ZONE  
MANAGEMENT AUTHORITY (TNSCZMA) HELD ON 05.04.2023**

The Chairperson welcomed the members of SCZMA, for the 120<sup>th</sup> meeting of the SCZMA.

**Agenda Item No.01:** Confirmation of the communication of minutes of the 119<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 05.04.2023

The minutes of the 119<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 12.12.2022 communicated to the Members of the Authority in letter No. P1/1950/2021 dated 21.01.2023 of the Director of Environment & Climate change, was confirmed.

**Agenda Item No.02:** The action taken on the decisions of 119<sup>th</sup> meeting of the Authority held on 12.12.2022

The Member Secretary briefed the Members about the action taken by the Department of Environment and Climate Change on the decisions made during the 119<sup>th</sup> meeting held on 12.12.2022, which was noted down by the members.

**Agenda Item No.03** Re-routing of initial 0-5.5 km long underground multiproduct pipeline, in between CPCL Refinery Manali and Kosan Bottling Plant at Vayakadu Village in the Chennai-Asanur Section of Chennai-Trichy-Madurai Petroleum Product Pipeline (CTMPL) proposed by M/s. Indian Oil Corporation Limited, Chennai

**Project Cost: Rs.33.94crore**

**CRZ Classification: CRZ-IB, CRZ-II and CRZ-IVB areas**

The SCZMA had referred the matter to the Technical Expert Committee (TEC) constituted by Government of Tamil Nadu vide G.O.(Ms.) No. 100, Environment, Climate Change & Forest Department dated 13.06.2022 to examine the proposals which require CRZ Clearance. The TEC has recommended the proposal to the TNSCZMA.

The SCZMA examined the recommendations of the DCZMA of Chennai district in the meeting held on 26.10.2022. The SCZMA also observed the replies furnished by the Project Proponent on the remarks of the Technical Expert Committee during their presentation.

Provisions in CRZ Notification, 2011

- Para 8 (i) CRZ-I (i) (b), pipeline, conveying system including transmission line is permissible activities.
- Para 8 (i) II CRZ-II, (iv), facilities for receipt and storage of petroleum products and liquefied natural gas as specified in Annexure-II, is permissible activities.
- However, as per Para 4 (ii) (d), laying of pipelines, conveying systems, transmission line are permissible and shall require clearance from MoEF& CC, Govt. of India.

Decision / Remarks of TNSCZMA

The Authority decided to recommend the project to MoEF& CC, Govt. of India, with the following conditions.

- 1) Intelligence pigging survey should be done for maintaining the pipeline.
- 2) Evacuation of all materials inside old pipelines and proper sealing of the old pipeline should be done by the project proponent.
- 3) During the installation of the pipeline, the banks of the Buckingham Canal should not be disturbed.
- 4) As committed by the proponent periodical monitoring has to be carried out by the proponent in addition to periodic Pipe to Soil Potential (PSP) survey. The proponent shall submit the periodical-maintenance report for every six months voluntarily to the concerned regulatory agencies and also upload in their website
- 5) The Proponent should ensure that the pipeline should have anti corrosive coating to avoid any adverse impact on ground water table.
- 6) The project proponent should ensure that, no debris shall be deposited or disposed off in the Coastal Regulation Zone areas.

- 7) Utmost care shall be taken on the safety of the Pipeline system by the project proponent.
- 8) No permanent labour camp, machinery and material storage shall be allowed in the CRZ area.
- 9) No construction activity shall be started / undertaken by the Proponent until obtaining the CRZ Clearance from the competent authority.
- 10) The Project Proponent shall obtain necessary permission from PWD, WRD Division for the laying of pipeline crossing the Kosasthalayar River.
- 11) All the solid waste shall be handled as per the Solid Waste Management Rules, 2016.
- 12) The Project Proponent shall comply the conditions stipulated in the letter No. M2/015617/2021, dated 27.07.2022 issued by the CMDA.
- 13) The Project Proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
- 14) Any Hazardous waste generated during construction / operation phase shall be disposed off as per applicable rules and norms with necessary approvals of the TNPCB.
- 15) Oil spills if any shall be properly collected and disposed as per the Rules.
- 16) The Proponent shall comply with the Environmental Management Plan during construction and operational phases.
- 17) 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 the CRZ Notification, 2011 and other statutory clearances.

**Agenda Item No.04 Proposed construction of Muthamizh Arignar Dr. Kalaingar Pen monument in Bay of Bengal, Off the coast of Marina Beach near Triplicane Village, Chennai district by the Public Works Department, Government of Tamil Nadu**

**Project Cost: Rs.81.00crore**

**CRZ Classification: CRZ-IA, CRZ-II and CRZ-IVA areas**

The SCZMA had referred the matter to the Technical Expert Committee (TEC) constituted by Government of Tamil Nadu vide G.O.(Ms.) No. 100, Environment, Climate Change & Forest Department dated 13.06.2022 to examine the proposals which require CRZ Clearance. The TEC has recommended the proposal to the TNSCZMA.

The SCZMA examined the recommendation of the DCZMA of Chennai district in the meeting held on 24.03.2023 and the replies submitted by the Project Proponent on the remarks of the Technical Expert Committee, during their presentation.

**Provisions in the CRZ Notification, 2011**

- As per CRZ Notification, 2011, Para 3, (xiii) Dressing or altering the Dressing or altering the sand dunes, hills, natural features including landscape changes for beautification, recreation and other such purpose [except utilizing the rocks/hills/natural features, only in CRZ- IV (A) areas, for development of memorials/ monuments and allied facilities, by the concerned State Government]
- Para 4 (ii) (j) construction of memorials/ monuments and allied facilities by the concerned State Government in CRZ-IV (A) areas in exceptional cases, with adequate environmental safeguards, subject to the following, namely:-
  - (A) The concerned State Government shall submit justification for locating the project in CRZ area along with details of alternate sites considered and weightage matrix on various parameters including environmental parameters to State CZMA who will examine the project and make recommendation to the Central Government (MoEF) for grant of Terms of Reference (ToRs) for preparation of an environmental impact assessment report by the State Government;
  - (B) on grant of ToRs by the Central Government, the concerned State Government shall submit the draft Environmental Impact Assessment report (EIA) with Environmental Management Plan (EMP), draft Risk Assessment Report with Disaster Management Plan (DMP) including on-site and off-site emergency plan and evacuation plan during emergency, to the State Pollution Control Board for conduct of public hearing for the proposed project in accordance with the procedure laid down under the Environment Impact Assessment notification;

(C) The concerned State Government shall submit final EIA, EMP, Risk Assessment and DMP after addressing the relevant issues raised by the public during the public hearing, to State CZMA for their examination and recommendation to MoEF.

*(Note: Construction of memorials / monuments would generally discouraged in CRZ-IV areas and the same would be allowed only in exceptional cases with adequate environmental safeguards.)*

The Authority observed that the proposal was recommended to MoEF& CC, Govt. of India, vide Government of Tamil Nadu, Environment, Forests & Climate Change Department letter No. 12458/9/EC.3/2022-1, dated 25.07.2022. The MoEF& CC, Govt. of India has scrutinized the proposal and issued Terms of Reference with Specific and General conditions, vide letter F.No.11-36/2022-IA.III, dated 27.09.2022. As per one of the condition the TNPCB has conducted the public hearing on 31.01.2023 and submitted final EIA report by incorporating the concerns raised during public hearing meeting, Environmental Management Plan (EMP), Risk Assessment and Disaster Management Plan (DMP) to the DCZMA, Chennai district. The DCZMA of Chennai district has recommended the proposal to the Tamil Nadu State Coastal Zone Management Authority.

#### **Decision / Remarks of TNSCZMA**

The Authority decided to recommend the project to MoEF& CC, Govt. of India, with the following conditions.

- 1) A Command Center should be provided for emergency exit monitoring system.
- 2) The project proponent has proposed a lattice bridge in the pedestrian pathway over the area falling in CRZ-1A to a distance of about 70 mts where there will be no pillars erected in the CRZ-1A area and there is clear passage for all the marine fauna to have access to the sandy areas including turtles. The proponent should ensure this at any point of time.
- 3) The project proponent should not carry out any construction activities during the turtle nesting period especially during January to March in CRZ IA area and in adjacent beach areas.
- 4) As part of marine life conservation especially for the turtles, the project proponent shall ensure that there is no illumination on the CRZ IA and CRZ IV A areas during active turtle nesting period both during construction and operational phases.
- 5) The unidirectional walkway of 3.5m width in the overall pathway of 7m wide as proposed by the proponent shall be ensured.

- 6) 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.
- 7) The proposed construction shall not disturb the land and marine ecology.
- 8) The Proposed activity shall not interfere with the fishermen, marine patrol & public movement at any point of time. Also the movement of fishing boats shall not be hindered.
- 9) No ground water from CRZ area shall be tapped for the project.
- 10) The project proponent shall treat the sewage through Sewage Treatment Plant of 10 KLD Capacity provided at the existing memorial. The treated water shall be used for green belt developed within the memorial premises and the sludge generated shall be used as manure for green belt.
- 11) All the solid waste shall be handled as per the Solid Waste Management Rules 2016.
- 12) The Project shall explore the possibilities of allocation of funds for preserving the ecology and environment (land and marine).
- 13) The proponent shall comply with the Environmental Management Plan both during construction and operational phases.
- 14) The construction shall be designed and constructed in accordance to the seismic factors applicable to moderate intensity zone.
- 15) The construction shall comply with the Construction and Demolition Waste Management Rules, 2016.
- 16) 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.
- 17) As proposed, the project proponent shall install Solar Panel of ROHs standards for lighting wherever feasible within the project premises.

**Agenda Item No.05**

**Construction of cement storage and bagging facilities at V.O. Chidambaranar Port Authority, Harbour Estate, Thoothukudi by M/s. Ultra Tech Cement Limited, Mumbai.**

**Project Cost: Rs.190 crore**

**CRZ Classification : CRZ-IVA**

The SCZMA had referred the matter to the Technical Expert Committee (TEC) constituted by Government of Tamil Nadu vide G.O.(Ms.) No. 100, Environment, Climate Change & Forest Department dated 13.06.2022 to examine the proposals which require CRZ Clearance. The TEC has recommended the proposal to the TNSCZMA.

The SCZMA examined the recommendation of the DCZMA of Thoothukudi district in the meeting held on 12.01.2023 and reply submitted by the Project Proponent to the remarks of the Technical Expert Committee.

**Provisions as per the CRZ Notification, 2011**

- As per Para 3(ii)(b) of CRZ Notification, 2011, facilities for receipt and storage of fertilizers and raw materials required for manufacture of fertilizers like ammonia, phosphoric acid, sulphur, sulphuric acid, nitric acid and the like, shall be permitted within the CRZ in the areas not classified as CRZ-IA.
- Storage of non-hazardous cargo, such as edible oil, fertilizers and food grains in notified port is permissible in CRZ-II areas, as per Para 8(i) II CRZ-II (vi) of CRZ Notification, 2011. But, there is no specific provisions in CRZ-IV areas.
- As per Para 4(ii)(d), laying of pipelines, conveying system, transmission line are permissible activities and should obtain clearance from MoEF& CC, Govt. of India.
- As per the provisions in the CRZ notification of 2011, there is provision only for storage of non-hazardous cargo, such as edible oil, fertilizer and food grain in the notified ports of CRZ II Areas. However, there is no explicit mention of the provisions either in the prohibited or permissible activities in CRZ IVA areas. Therefore, the proposal has to be appraised by the NCZMA.



### **Decision / Remarks of TNSCZMA**

Authority decided that field visit would be made by Technical Expert Committee to proposed project site to understand the necessity of placing the Silos structure in the water spread area and also to ascertain the feasibility of the project proposal in the reclaimed areas. Based on the field visit, the proposal may further appraised before the TNSCZMA.

The Member Secretary, TNSCZMA will have to make necessary arrangements for the proposed field visit.

**Agenda item No.06** 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

**Project Cost: Rs.14.72 crore**

**CRZ Classification : CRZ-II**

The SCZMA had referred the matter to the Technical Expert Committee (TEC) constituted by Government of Tamil Nadu vide G.O.(Ms.) No. 100, Environment, Climate Change & Forest Department dated 13.06.2022 to examine the proposals which require CRZ Clearance. The TEC has recommended the proposal to the TNSCZMA.

The SCZMA examined the recommendation of the DCZMA of Chennai district in the meeting held on 14.06.2022 and also the legal opinion on the Original Application No. 224 of 2021 offered by Dr. D. Shanmuganathan, Standing Counsel, NGT (Southern Zone).

### **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 area of proposed additional building of about 4065.73 sqm together with the area of existing building of about 29665.75 sqm is more than 20,000 sq.m.

The applicant has requested Clearance for "Additional construction of building (Anechoic Chamber) to the earlier warehouse and R&D building".

#### **Decision / Remarks of TNSCZMA**

Based on the legal opinion obtained from Standing Counsel to NGT (SZ), the Authority decided to recommend the project to SEIAA for issuing CRZ Clearance, with the following conditions.

- 1) The Project Proponent should not make any production and or any other industrial activity in the project site. The recommendation is issued only for the Research and Development activities.
- 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 confirm 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 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 CRZ area shall be tapped for the project.
- 14) The proponent shall comply with the Environmental Management Plan during construction and operational phases.
- 15) 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.
- 16) The proponent shall obtain consent under Water and Air Act from Tamil Nadu Pollution Control Board wherever applicable.
- 17) The project proponent shall have to obtain necessary environmental clearance from the competent authority.

**Agenda item No.07:** Repair and Reconstruction of existing Industrial Shed at S.No.37/3A, 3B of Egattur Village, & S.No.103/2&3 of Kazhipattur Village, Thiruporur Taluk, Chengalpattu district Proposed by M/s. J.J. Impex Pvt. Ltd., (Maruthi Service Masters), Kazhipattur Village, Chengalpattu district - Clarification sought for from MoEF& CC, GoI

The Authority accepted to communicate the clarification received from MoEF& CC, Govt. of India, to the Project Proponent.

**Agenda Item No.08 :** Modified proposal for the 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. 659.82 Crores

(CRZ area Project Cost is Rs. 24.32 Crores & Non CRZ Area Project Cost - 635.50 Crores)

**CRZ Classification :** CRZ IB, CRZ II & CRZ IVB

The SCZMA had referred the matter to the Technical Expert Committee (TEC) constituted by Government of Tamil Nadu vide G.O.(Ms.) No. 100, Environment, Climate Change & Forest Department dated 13.06.2022 to examine the proposals which require CRZ Clearance. The TEC has recommended the proposal to the TNSCZMA.

The SCZMA examined the recommendation of the DCZMA of Chennai district in the meeting held on 24.03.2023 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 3 (v) (b), storm water drains and ancillary structures for pumping are 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.

**Decision / Remarks of TNSCZMA**

The Authority decided to recommend the project to MoEF & CC, Govt. of India, with the following conditions.

- 1) The Proponent should ensure that the proposed structure of the outfall which is intended to use the CRZ IVB area should not affect the regular flow of water in the Buckingham Canal.
- 2) Necessary precautions have to be taken to prevent scouring effect and anti-scouring measures should be adopted.
- 3) Necessary provisions where outfall would be impacted by submergence should have provisions for pumping stations.
- 4) Proponent should ensure that, there shall be no discharge of sewage into the Storm Water Drains.
- 5) Necessary provisions for Sluice Gates or similar mechanism shall be provided at the outfalls so as to avoid back flow from the Buckingham Canal.
- 6) Monitoring mechanism to avoid leakage, scouring, adverse monsoonal effects etc., should be followed.
- 7) The project proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011.
- 8) Prior Planning permission shall be obtained for the proposed storm water drain, if any, from the local authorities concerned for the proposed project.
- 9) CMDA's grid of road projects should be taken into consideration in the proposal.
- 10) The proposed construction shall not disturb the land and marine ecology.
- 11) No ground water from CRZ area shall be tapped for the project.
- 12) No cutting of trees shall be envisaged during implementation of the Project.
- 13) All the solid waste shall be handled as per the Solid Waste Management Rules 2016.
- 14) The Project shall explore the possibilities of allocation of funds for preserving the ecology and environment (land and marine).
- 15) The proponent shall comply with the Environmental Management Plan both during construction and operational phases.

- 16) The construction shall comply with the Construction and Demolition Waste Management Rules, 2016.
- 17) 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.
- 18) The Greater Chennai Corporation shall ensure that no sewage / sullage / or any other untreated effluent is disposed in the storm water drain under any circumstances.
- 19) The recharge pits should be maintained cleanly and accumulation of dust and debris and other materials should be cleaned periodically.
- 20) The groundwater quality should be observed, periodically.
- 21) Periodically measures should be taken for easy movement of public during the constructions period.
- 22) The Proponent should ensure that no sewage water will be mixed with storm water drain structures even during heavy rain.

**Agenda Item No.09 : Progress on the preparation of the CZMP as per the CRZ Notification 2019**

The status of the preparation of the CZMP was discussed and it was explained by the Member Secretary that, as per the directions of the Hon'ble High Court of Madras in W.P No. 30292 of 2022, the CZMP and the Land Use maps prepared have to be translated into Tamil. The work on Tamil translation of the maps is nearing completion by NCSCM, Chennai. The Chairperson directed that, the process of completion of CZMP plan shall have to be expedited and completed by the end of April.

**Agenda Item No.10 : Monitoring of Violations in CRZ areas and necessary actions to be initiated.**

The Chairperson suggested that, there needs to be effective mechanism for identification of violations in CRZ areas and necessary monitoring of the action to be taken. Accordingly, it was discussed about the setting up of Zonal / Regional Offices of the Department of Environment & Climate Change to follow up the implementation of the CRZ regulations in the districts. The Member Secretary was requested to chalk out a

proposal on the same. Meanwhile, the Chairperson requested the Member Secretary to initiate action on issuing of circulars to the DCZMA to take necessary action on the identified violations.

**Sd./- xxxx**

**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./- xxxx**

**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.**