

113th MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 27.10.2021 & 01.11.2021

Time: 10.30 A.M.(each day)

Venue:

Conference Hall, 7th Floor,
Namakkal Kavignar Maaligai,
Secretariat, Chennai - 600 009

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THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

113th MEETING

Date: 27.10.2021 & 01.11.2021

Time: 10.30 A.M.(each day)

Venue:

**Conference Hall, 7th Floor,
Namakkal Kavignar Maaligai,
Secretariat, Chennai - 600 009**

AGENDA ITEM NO.01: Confirmation of the minutes of the 112th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 21.01.2021.

The 112th meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 21.01.2021 and the minutes were communicated in letter No.P1/2200/2018 dated 29.01.2021 (copy enclosed) of Director of Environment. It may be confirmed.

AGENDA ITEM NO.02: The action taken on the decisions of 111th and 112th meeting of the Authority respectively held on 13.01.2021 and 21.01.2021

Action taken on the decision of the 111th meeting of the Authority held on 13.01.2021

Sl. No.	subject	Action taken
01	Development / Improvement of 7 Infrastructure facilities at Chennai Port proposed by M/s. Chennai Port Trust, Chennai.	As resolved by the Authority, the Project Proponent has been requested to re-submit the proposal with additional details, for the consideration, vide this office letter No.P1/1931/2020 dated 22.01.2021. The PP has submitted the details and the proposal is placed as Agenda Item No. 19
02	Proposed "Widening and Desilting the Adayar River from mouth to d/s of Thiru Vi Ka Bridge, Chainage Om to 1963m (42,600m to 40637m) in Chennai district" by the Executive Engineer, PWD, Kosasthalaiyar Basin Division, Thiruvallur	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1 /2668/2020 dated 22.01.2021. The E&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 1216/EC-3/2021-1 dated 10.02.2021.
03	Proposed construction of additional amenities Structures in the Memorial Site of the Former Chief Minister of Tamil Nadu Puratchi Thalaivi J Jayalalithaa at S.No.3372, Kamarajar Salai, Chennai.5 by the Executive Engineer, PWD, Building Construction Division-I, Chepauk, Chennai.5	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2811/2020 dated 22.01.2021.
04	Proposed construction of Shoreline Protection Structures (Groynes Field for Erosion Prevention & Control) at Poothurai in Killiyoor Taluk, Kanyakumari district by the Executive Engineer, PWD (WRD), Anti Sea Erosion Division, Nagercoil.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2550/2020 dated 25.01.2021.

Sl. No.	subject	Action taken
05	Proposed reconstruction of 1880 Nos. of EWS Tenements in Gandhi Nagar Loop Road, Marina Division in S.No.7585, 7587/Part, Mylapore Village, Mylapore Taluk, Chennai district by the Executive Engineer, Marina Reconstruction Division, Tamil Nadu Tamil Nadu Slum Clearance Board, Chennai.5	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2637/2020 dated 25.01.2021.
06	Proposed additional development works such as Reconstruction of Sunrise amphitheatre and Bathing Ghats, Landscaping/ Greenbelt development along with temporary facilities such as drinking water kiosks, Installation of solid waste bins, solar street lights, dressing room & Cloak / locker room container, CCTV cameras and Wi-Fi arrangements in Triveni Sangamam, Kanniyakumari Village, Agastheeswaram Taluk, Kanniyakumari district proposed by Kanyakumari Town Panchayat, Kanyakumari.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/1686/2020 dated 23.02.2021.
07	Proposed construction of Short Groynes at Un-Surveyed Sea Poromboke in South Side of S.F. No.528, 529, 533, 562, 563, 566, 567, 568, 575, 576, 577, 578, 579 and 582 in Kollencode Village, Vilavacode Taluk, Kanyakumari district by the Assistant Director of Fisheries, Nagercoil	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2491/2019 dated 25.01.2021.
08	Proposed construction of Hotel & Resort at S.No.67/8C1D16A, 16B, 16C, 16D, 16E, 17, 18, 19, 20, 67/22, 67/23B, 67/24, 67/25, 67/26B, 67/57, 67/195 & 67/196 of Krishnankaranai Village, Nemmeli Panchayat, Thiruporur Taluk, Chengalpattu district by M/s. Ceebros Hotels Pvt. Ltd., Raja Annamalaipuram, Chennai.2	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1/2840/2020 dated 22.01.2021. The E&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 1217/EC-3/2021-1 dated 25.02.2021.

Sl. No.	subject	Action taken
09	Proposed Beach Resort and Convention Centre at S.No.14/3c2a and 14/3c2b of Deveneri Hamlet, Mamallapuram Village, Thirukazhukundram Taluk, Chengalpattu district by M/s. VGS Estates Pvt. Ltd., Nandanam, Chennai.35	As resolved by the Authority, the Project Proponent has been requested to re-submit the proposal with additional details, for the consideration, vide this office letter No.P1/2405/2020 dated 20.01.2021. The PP has submitted the details and the proposal is placed as Agenda Item No. 15.
10	Construction of Ice Plant at S.R. No.353/2, Esanthangu, Needankarai B Village, Agastheeswaram Taluk, Kanyakumari district by Thiru L. Delan, Muttam, Kayalpattinam Village, Kalkulam Taluk, Kanyakumari district	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2243/2020 dated 25.01.2021.
11	Proposed construction of Ice Plant at S.No.448/5 & 449/4B, Enayam Puthenthurai (old Village Keezhkulam), Vilavancode Taluk, Kanyakumari district proposed by Tmt. Y. Maria Lish, W/o, Thiru E. Benaris Alexander, Enayam Puthenthurai & Post, Kanyakumari district	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/1688/2020 dated 25.01.2021.
12	Environmental Clearance under the CRZ Notification, 2011 for the Ice Plant in the name of Vincy Ice Plant at S.No.225/2B in Painkulam Village, Vilavancode Taluk, Kanyakumari district proposed by Thiru T. Vincy Gleetus Ice Plant, Parakkani, Painkulam Village, Vilavancode Taluk, Kanyakumari district	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2138/2020 dated 25.01.2021.
13	Clearance under the CRZ Notification, 2011 issued for the foreshore facilities viz., Pipe Coal Conveyor, Cooling Water Intake and Outfall pipelines for the project to Ennore SEZ Thermal Power Project (2x660 MW) situated at Vayalur Village, Ponneri Taluk, Tiruvallur district by TANGEDCO - Extension of the validity	As resolved, the proposal has been sent to Environment and Forests Department, GoTN in Ir. Roc. No. P1/2170/2020 dated 22.01.2021. The E&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 1215/EC-3/2021-1 dated 05.02.2021.

14	Establishing of 10 MLD Capacity Desalination Plant at R.S. No.355, Mullakadu Village, Thoothukudi Taluk, Thoothukudi District by M/s. Tamil Nadu Generation and Distribution Corporation Ltd., (TANGEDCO) Chennai.	As resolved by the Authority, the Project Proponent has been requested to re-submit the proposal with additional details, for the consideration, vide this office letter No.P1/2626/2019 dated 25.01.2021. The PP has submitted the details and the proposal is placed as Agenda Item No. 18.
15	Golf Course Project Tamil Nadu by M/s. Sporting Pastime India Limited at Odhiyur hamlet of Mudaliyarkuppam Village, Cheyyur Taluk, Kancheepuram District - To retain in CRZ-III	As resolved by the Authority, the PP have been requested to conduct Joint inspection and submit report, vide Ir. dt. 03.02.2021

Action taken on the decision of the 112th meeting of the Authority held on 21.01.2021

Sl. No.	subject	Action taken
01	Proposed project of setting up of 60 MLD Desalination Plant at S.F.No.94/2, Koonimedu Village, Marakkanam Taluk, Villupuram district by TWAD Board, Kallakurichi.	As resolved by the Authority, the Project Proponent has been requested to re-submit the proposal with additional details, for the consideration, vide this office letter No.P1/046/2021 dated 29.01.2021. The PP has submitted the details and the proposal is placed as Agenda Item No. 16.
02	Proposed construction of Sailors Academy, Cooum sea confluence Area, Marina Beach, Chennai - A Training Institute for sailors and water sports located at R.S. No.3372/1, Triplicane Village, Mylapore-Triplicane Taluk, Chennai district by the Principal Secretary / Member-Secretary, Sports Development Authority of Tamil Nadu	As resolved by the Authority, the Project Proponent has been requested to re-submit the proposal with additional details, for the consideration, vide this office letter No.P1/2667/2020 dated 29.01.2021. Reply awaited from the PP.
03	Proposed construction of Groynes (to avoid erosion within basin thereby serves as mini harbour for safe berthing of small crafts and vessels apart from effective coastal protection) at Alanthalai Village, Tiruchendur Taluk, Thoothukudi district by the Executive Engineer, PWD / WRD, Korampallam Aru Basin Division, Thoothukudi	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2883/2020 dated 03.02.2021.
04	Requested amendment in the existing CRZ Clearance for the storage of Naptha (Class-A Petroleum product) at S.F.No.394, VOC Port Area 5B, Mullakadu Village, Thoothukudi Taluk, Thoothukudi district by M/s. Greenstar Fertilizers Ltd., Chennai.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/804/2019 dated 02.02.2021.
05	Construction of Groynes and Landing facilities to prevent further erosion at fish landing centre Periyathalai in Thoothukudi District.	As resolved, Clearance under CRZ Notification 2011 has been issued for the project in Proc. No. P1/2542/2020 dated 03.02.2021.

Agenda Item No.03: "Underground laying of Natural Gas Transportation Pipeline passing through Uppanar River approximately a length of 0.255 kms out of the total length of 29.197 km from Palayapalayam village, Sirkali Taluk to Memathur Village Tharangambadi Taluk, Nagapattinam District" proposed by M/s. GAIL (India) Ltd., Karaikkal

M/s. GAIL India Ltd., has proposed to lay 24 inches underground Natural Gas pipeline for 29.197 km from ONGC Madanam in Palayapalayam village of Sirkali Taluk, Nagapattinam District to Memathur GAIL Sectionalizing Valve (SV) Station in Tharangambadi Taluk, Nagapattinam District of Tamil Nadu. The total cost of the project is Rs.73.86 crores.

2) The part of the proposed Natural Gas Pipeline (S.F. Nos. 382/1, 382/2, 383/2B, 387/1B, 391/1A and 391/2B) passes through the Coastal Regulation Zone of Uppanar River at Edamanal Village in Sirkali Taluk, Nagapattinam District, with approximate length of 0.255 kms out of the total length 29.197 kms. A part of the proposed pipeline is falling in CRZ-IB (Inter tidal Zone), CRZ-III (No Development Zone) and CRZ-IVB (Water body). Hence the proponent requested for CRZ clearance.

3) The proponent stated that the external coat of the pipeline is 3 Layer PE and the terrain along the pipeline is flat for its entire length. The elevation at start point is 1m above MSL (Mean Sea Level) and end point is 7.92m. The highest elevation is 8.36m at approx route Ch.28864.32m and the lowest elevation is 0.52m at approx route Ch. 2085.33m.

4) The Project Proponent has stated that the Ecologically Sensitive Areas (ESAs) are not present in the proposed pipeline route and it does not passes through any forest land, Wildlife sanctuaries and National parks. The possible impacts and proposed mitigation measures along with the Environmental Impact Matrix, Environmental Management plan, Disaster management plan were provided by the proponent.

5) The District Coastal Zone Management Authority (DCZMA) for Nagapattinam district has recommended the proposal as per the CRZ Notification, 2019, vide letter dated 18.07.2019 to the SCZMA, with the following conditions.

- a. There shall not be any blockage of river due to laying of pipeline, and free flow of water shall be maintained.
- b. The construction debris and / or any other type of waste shall not be disposed off in to the CRZ areas.
- c. M/s. GAIL (India) Ltd., shall provide necessary emergency safety measures in the CRZ area pipeline route to avoid River and Marine ecology damage to the environment.
- d. The pipeline shall be monitored regularly by the company and it shall be ensured that there is no leak from the pipeline. In case of any such eventualities, the company shall immediately take the corrective measures.
- e. No construction work other than those permitted in CRZ Notification shall be carried out in the CRZ area.
- f. GAIL (India) Ltd., shall take up greenbelt development activities in consultation with the Forest Department.
- g. GAIL (India) Ltd., shall have to contribute financially for taking up the socio-economic upliftment activities in this region in consultation with the Forest Department and the District Collector.

Further, DEE, TNPCB, Nagapattinam district have been requested to recommend the proposal as per the CRZ Notification, 2011 and accordingly the proposal has been recommended vide letter dated 25.09.2019.

6) As per CRZ Notification 2011, vide Para 8 (i) I CRZ-I (i) (b), pipelines, conveying systems including transmission lines are permissible activities. Further, as per the Para 8 (i), III CRZ-III (A)(iii)(f) & (B)(iii) of the said Notification, the above activities are permissible activities. **However as per Para 4 (ii) (d), the above activities require clearance from the MoEF & CC, GoI.**

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

Agenda Item No.04 "Establishment of 1 MLD RO Desalination Plant at M/s. Kamarajar Port Limited" Proposed by M/s. Kamarajar Port Limited, Vallur, Chennai.

M/s. Kamarajar Port Limited, Chennai has proposed to setup a 1 MLD Seawater RO Desalination Plant in Kamarajar Port Limited located at Vallur, Thiruvallur District and hence applied for clearance under the CRZ Notification, 2011. The proposed cost of the project is Rs.16.50 crores and the project area is located at a longitude of 80°20'8.09" E and latitude of 13°15'27.67" N. The proposed project site is falling in CRZ-IB, CRZ-II and CRZ-IVA.

2) The Project Proponent has mentioned that the intake structure proposed to be constructed at a water depth of 4m located at a distance of 100m from Southern breakwater. The water requirement for the desalination plant is about 117m³ per hour and conveyed through 250mm outer dia HDPE pipe laid at water depth of 4m.

3) The brine flow from the proposed desalination plant is about 62.5m³/hour and will be through buried outfall pipeline of size 150mm outer dia HDPE pipe. The outfall location is proposed inside the port at water depth of 4m which is at a distance of 500m away from intake location.

4) The Project Proponent has mentioned that the salinity of the brine effluent will be about 59.12 ppt which is about 1.7 times more than the concentration seawater salinity. The increased salinity concentration from the outfall will be dispersed within 16m of the discharging port with 100% dilution as per the outcome of Brine outfall dispersion model.

5) The proponent has mentioned about the terrestrial and marine ecological monitoring around the proposed project area including the environmental monitoring. Proponent also highlighted that there is no turtle breeding grounds in the project site and within the 10km radius of proposed site.

6) The proposed project will be located within the existing port limits and away from eco-sensitive areas. However scattered patches of Mangroves at 1.8km west from project site and mangroves in ennore creek at 2.5km in the SSW direction are present.

7) The DCZMA for CMDA area has recommended the project to SCZMA in its meeting held on 05.11.2020, with the following conditions.

- a. All the provisions of the CRZ Notification, 2011 shall be adhered with.
- b. 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.
- c. The clearances/ approvals from the Revenue Department and Tamil Nadu Maritime Board for laying of pipeline in the areas under their control shall be obtained before the commencement of the establishment.
- d. The project proponent shall not draw any groundwater in CRZ area, under any circumstances.
- e. No excavated material during the construction shall be dumped in water bodies or adjacent areas.
- f. The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018
- g. The project proponent shall ensure that the temporary structures installed for laying of pipe lines are removed within one months of accomplishment of the work.
- h. No storage reservoir for sea water shall be permitted and only pipelines conveyance system shall be installed.
- i. The project proponent shall ensure that an inbuilt mechanism appropriate for the management of solid waste is in place which shall be pre-requisite for obtaining CTO under Air and Water Acts from the TNPCB.
- j. The proponent shall furnish the HTL map from Institute of Remote Sensing (IRS), Anna University or from any authorized Institute, authenticated by the Govt. of India for this purpose in the village level 1:4000 Scale, duly marking the proposed project features in the approved CZMP map of Tamil Nadu.

8) The Project Proponent has submitted the compliance report with reference to the above conditions and submitted the HTL Demarcation map obtained from the NIOT who is one of the authorized agency for preparation of HTL Demarcation map. With reference to the NoC from the State Pollution Control Board, the Project Proponent has stated that the TNPCB has informed that NoC will be issued in the form of Consent To Establish (CTE) after obtaining CRZ Clearance from the MoEF & CC, GoI.

9) As per CRZ Notification 2011, vide Para 4 (i) (a), Para 8 (i) I CRZ I (i) (b) and 8 II CRZ II (v), the above activities are permissible activities. **However, the project requires clearance from the MoEF & CC, Govt. of India, vide Para 4 (ii) (h) of CRZ Notification 2011.**

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

Agenda Item No.05 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

The District Environmental Engineer, TNPCB, Maraimalai Nagar, Chengalpattu district has forwarded a proposal received from M/s. J.J. Impex Pvt. Ltd., (Maruthi Service Masters), Kazhipattur Village, Chengalpattu district for the proposed 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 by M/s. J.J. Impex Pvt. Ltd., (Maruthi Service Masters), Kazhipattur Village, Chengalpattu district.

2) 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.

3) 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).**

4) The total floor area of the existing structure is 3322.49 sq.m and the total height of the building is 10.05 m. above the ground level. At ground floor, the existing structure is having 2829.92 sq.m of Main building, 86.77 sq.m of Panel Genset Room, 74.32 sq.m of Canteen, 63.63 sq.m of Scrap store, 10.68 sq.m of Security room and 257.06 sq.m of Main building at first floor.

5) The Project Proponent has proposed to repair and reconstruction of the existing factory building which will 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.

6) The water requirement for the proposed activity is 14 KLD and it will meet from open well source near the gate and additional bore well available at the site. The power requirement for the proposed car-servicing unit is of 1000 KVA is met by TNEB. The Project Proponent has proposed to establish 20 KLD Capacity Sewage Treatment Plant and 8 KLD capacity of Effluent Treatment Plant. However, the requirement furnished in the proposal has been reported as 25 KLD which is to be clarified.

7) The DCZMA for Chengalpattu district has recommended the proposal to the TNSCZMA in the meeting held on 21.10.2020, with the following conditions.

- a) The Project Proponent should obtain planning permission approval for their proposed reconstruction from the Department of Town and Country Planning.
- b) The Project Proponent shall obtain Consent for Establishment for its activity.
- c) The Project Proponent shall provide adequate capacity of Sewage Treatment Plant for the treatment and disposal of sewage generated within the premises and shall utilize the treated sewage generated after disinfection for toilet flushing and for green belt development within the premises after achieving, discharge standards prescribed by the Tamil Nadu Pollution Control Board.
- d) The Project Proponent shall provide adequate capacity of Effluent Treatment Plant for the treatment and disposal of trade effluent generated within the premises and the treated trade effluent shall be completely recycled for its activity achieving Zero Liquid Discharge.
- e) The Project Proponent shall ensure that the treated / untreated effluent shall not gain access to the nearby land / water body at any point of time.
- f) 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.
- g) The Project Proponent shall provide Organic Waste Management Rules, 2016.

.14.

- h) The Project Proponent Organic Waste Converter (OWC) for the disposal of Biodegradable solid waste generated in the project area.
- i) The Project Proponent shall not draw any ground water within the CRZ area.
- j) The Project Proponent shall provide rainwater harvesting / harvesting facilities to recharge the ground water.
- k) The Project Proponent shall develop green belt to the maximum extent within the premises.

8) As per the Para 3(i) of the CRZ Notification, 2011, setting up of new industries and expansion of the existing industries is prohibited activity. Now, the existing activity of Phosphating and power coating of automobiles pressed components is modified and proposed for servicing of cars and repairing. However, the project proponent is to modify the existing industries.

9) 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 especially facilities essential for activities only. **(The word [existing, used] hereinafter 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.** 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.

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

Agenda Item No.06 **"Formation of new link road connecting Greenways Road (DGS Dinakaran Salai) with Durgabhai Deshmukh road through Tamil Nadu Music College in Mylapore Village and Mylapore Taluk, Chennai district" Proposed by Highways Department, Chennai.25**

The Divisional Engineer (H), CMDP Division-III, Highways Department, Chennai.25 has proposed for formation of new link road connecting Greenways Road (DGS Dinakaran Salai) with Durgabhai Deshmukh road through Tamil Nadu Music College in Mylapore Village and Mylapore Taluk, Chennai district and applied for Clearance under the CRZ Notification, 2011, at a cost of Rs.22.84 crores.

2) The proposed link road connects Greenways Road with Durgabhai Deshmukh road through a new alignment to eliminate the traffic congestion at Greenways Road & Durgabhai Deshmukh road junction. The new alignment starts at Km 8/9 of Greenways road and runs through Tamil Nadu Music College campus, Revenue Department's vacant land and the bund portion of Adyar River and ends at Km 0/6 of Durgabhai Deshmukh road near the northern approach of Thiru Vi. Ka Bridge, Adyar. The total length of the proposed link road is 603m and width is 15m and the land area having an extend of 10695 sqm (2.6 acres).

3) The proposed road is unidirectional to cater traffic from Santhome High Road & Mylapore to Adyar, Guindy, OMR without leading to Greenways road junction and the proposed road of 200m falls near Adyar River bund and the proposed road is falling in CRZ-IB and CRZ-II areas.

4) The length of the road falls under different Zonation. The Chainage is divided into 4 zonation i.e. from 0 to 339 mts. fall out of CRZ, from 339 mts. to 449 mts. (total of 160 mts.) falls under CRZ-II, from 499 mts. to 588 mts. (total of 89 mts.) falls under CRZ-IB and from 588 mts. to 603 mts. (total of 15 mts. falls under CRZ-II).

5) The proposed road alignment involves three horizontal curves and extra widening of 1.80m is proposed on both sides of the curves as per IRC 37:2018. It is also proposed to provide a drain cum footpath of 2.0m wide on both sides of the road. The collected water is drain out into Adyar River.

6) The Project Proponent has stated that they have proposed to provide 18 Nos. of single cell box culverts of size 4m x 4m between ch:496 and ch:588 to allow the tidal exchange and drain excess water into the Adyar river during rainy season.

7) The proponent has highlighted about the environmental baseline survey including terrestrial and marine around the proposed project area. Proponent also mentioned about the predicted impacts and their mitigation measures. In view of green belt development, Tree Action plan is included by the project proponent.

8) The DCZMA for CMDA areas has recommended the proposal in the meeting held on 08.12.2020 to the TNSCZMA, subject to the following conditions.

- a. The project shall strictly adhere to the conditions laid in the Ir. No.DB/T5(3)/ F-008544 & 000921 Adyar river greenways road/2020/ dated 27.02.2020 issued by the Public Works Department, Water Resource Department, Chennai.5
- b. The culverts and embankments shall be in such a way that the proposed culverts should not affect the free flow of water and the embankment should not be formed in the inter-tidal zone CRZ-IB areas. The Engineering cross section of the alignment of the same shall be submitted.
- c. 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.
- d. Dust generated during the construction phase shall be mitigated by sprinkling of water.
- e. No cutting of trees shall be envisaged during implementation of the project.
- f. Necessary green belt on native species shall be developed along the roads of the project area to improve the air environment.
- g. The project proponent shall adhere to the construction and demolition waste disposal and management Rules, 2018.
- h. No construction activity shall be started / undertaken by the proponent until obtaining the CRZ Clearance from the competent Authority.
- i. Proper arrangements should be made for the disposal of solid wastes and sewage generated in the project area.
- j. All the provisions of the CRZ Notification, 2011 shall be adhered with.

9) The Project Proponent has submitted the compliance report with reference to the above conditions.

10) As per CRZ Notification 2011 vide Para 8 I CRZ I (ii) (b) & (g), construction of roads without affecting the tidal flow of water is permissible activity. Further, as per the Para 4 (i)(b) of the said notification, for those projects which are listed under the CRZ Notification, 2011 and also attract EIA Notification, 2006, for such projects clearance under EIA Notification only shall be required subject to being recommended by the concerned SCZMA. **The proposed activity is Category "B" in EIA Notification, 2006 and should require prior Environmental Clearance from the State Environment Impact Assessment Authority.**

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

Agenda Item No.07 "Development of Fish Market at S.No.7581, Block No. 48, Mylapore Village, Mylapore Taluk, Chennai district" proposed by Superintending Engineer, Buildings Department, Greater Chennai Corporation

The Superintending Engineer, Buildings Department, Greater Chennai Corporation has proposed for Development of Fish Market at S.No.7581, Block No. 48, Mylapore Village, Mylapore Taluk, Chennai district at a total cost of Rs.75 lakhs. The proposed site is falling in CRZ-II and the landward side of the existing road and hence the project seeks for CRZ clearance.

2) The total land area is 8093.71 sq.m which includes 1280 sq.m for temporary shop area (proposed Fish Market), 1970 sq.m for permanent shops, 2060 sq.m for temporary parking, 1270 sq.m for construction of site office and 1513 sq.m for roads.

3) The Project Proponent has highlighted that only 1280 sq.m will be used for the development of Fish Market and the permanent shops will be utilized for future expansion based on the customer demand. During operation of the Fish market, the area under permanent shops will be vacant and maintained by the Greater Chennai Corporation.

4) The Project Proponent has stated that they have proposed to construct 300 shops and each with a size of 3 x 2.5 feet. The size of the shop is to be clarified for the sufficient movement and the alignment of shops in the area is also to be clarified. About 3KLD of fresh water will be required during operation phase and it will be sourced through piped supply of metro and the flushing water will be connected to CMWSSB Sewer in the project area.

5) About 1500kg/day of total solid waste will be generated and the same will be handed over to the Greater Chennai Corporation. The power requirement for the project is about 15KW and it will be sourced from TANDEGCO. The Project Proponent has proposed to plant 50 native tree species along the boundary of the project site.

6) The DCZMA for CMDA areas has recommended the proposal to the SCZMA in the meeting held on 05.11.2020 with the following conditions.

- a. There shall not be disposal of untreated wastewater into the coastal area.

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- b. There should not be any processing activities in the Fish Market.
- c. All the solid waste shall be handled as per the Solid waste Management Rules 2016
- d. Construction activity shall be carried out strictly as per the provisions of CRZ Notification, 2011 on the landward side of the existing road.
- e. The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
- f. No construction activity shall be started / undertaken by the proponent until obtaining the CRZ clearance from the competent authority.
- g. No ground water from Coastal regulation zone area shall be tapped for the project.
- h. Oil spills if any shall be properly collected and disposed as per the Rules. / The proponent shall furnish the site plan with the details of area earmarked for the solid waste disposal, septic tank, storage of fresh water for consumption etc.,
- i. The proponent shall furnish the detailed proposal for handling of solid wastes.
- j. The Wastewater generated during the activity shall be transported through pipeline connected to CMWSSB sewer after obtaining necessary permission from CMWSSB.
- k. The proponent shall comply with the Environmental Management Plan both during construction and operational phases.
- l. Layout of the proposed constructions, showing the total number of shops, extent, area earmarked for the solid waste disposal, septic tank, storage of fresh water shall be furnished and also a HTL map in 1:4000 Scale Village map from an authorized agency, shall be furnished duly superimposing the above features.
- m. All the provisions of the CRZ Notification, 2011 shall be adhered with.

7) The Project Proponent has submitted the compliance report along with the layout of the proposed constructions and the HTL Demarcation map from the Institute of Remote Sensing, Anna University, Chennai.

8) As per CRZ Notification 2011, vide Para 8 II CRZ-II (i) and (ii) buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures; As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 16th June 2015 as Para 8 II CRZ-II (ii) "buildings permitted on the landward side of the existing and proposed roads or existing authorized structures shall be subject 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".

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

Agenda Item No.08 "Creation of Leisure Cycle Track, Pedestrian Walkway & Tree Plantation along Buckingham Canal from Kasturibai Nagar MRTS to Thiruvanmiyur MRTS Stations" proposed by Superintending Engineer, Special Project Department, Chennai.3

The Superintending Engineer, Special Project Division, Greater Chennai Corporation has applied for Clearance under the CRZ Notification, 2011 for the "Creation of Leisure Cycle Track, Pedestrian Walkway & Tree Plantation along Buckingham Canal from Kasturibai Nagar MRTS to Thiruvanmiyur MRTS Stations".

2) The project is proposed to promote the use of cycling and walking to public by Non-motorised Transport Network in the GCC area. The Project Proponent has stated that the project site falls under Greater Chennai Corporation limit. MRTS railway track and stations have already been constructed over the Buckingham canal with entry and exit points provided on either side (Existing authorized structure). The Buckingham canal has been already provided with retaining walls on either side (Existing authorized structure).

3) The total area proposed to develop is 70,934.89 Sq.m (47,075.98 sq.m in CRZ-II and 23,858.91 non CRZ area), over a stretch of 2.1 Kms. Which is located along both banks of Buckingham Canal and MRTS line. As per CRZ 2011 Notification of MoEF, GoI. the area of project site falls partially in CRZ II area in both eastern side (26168.33 Sq.mts) and western side (20907.65 Sq.m).

4) The main components of the project are Pedestrian Walkway/Pathway (4 mts wide), Leisure Cycle Track (4 mts wide), Tree Plantation after walkway and cycle track covering eastern side (27273.60 Sq.mts) and western side (43661.29 Sq.m). No mangroves were found in the vicinity of the proposed site. Total cost of the project is Rs.20 crores.

5) The DCZMA for CMDA areas has recommended the proposal to the SCZMA in the meeting held on 01.02.2021, with the following conditions.

- a) The project should be developed with eco-friendly construction materials without using excessive cement, steel etc.,

- b) The walkways surface shall be durable, stable, firm and slip resistant; and should be regularly maintained to prevent sand accumulation that may hinder access.
- c) Designated accessible parking areas and entry / exit access routes should be provided for public and should ensure safety precautions.
- d) The project proponent shall not make any alternation in the landscape.
- e) The Greater Chennai Corporation should regularly inspect the walkways, monitor and maintain the same.
- f) No ground water from Coastal Regulation Zone area shall be tapped for the project.
- g) The applicant should manage the sewage with adequate facilities and obtain permission from CMWSSB for the discharge of domestic sewage generated from the proposed activity into sewer line.
- h) The freshwater requirement for the proposed project should be obtained through CMWSSB water supply only.
- i) The applicant shall ensure that adequate garland drains are provided in the project area to ensure that the storm water runoff reaches Buckingham canal without any water stagnation/flooding in the area during rains.
- j) The applicant shall ensure that solid waste generated in the project area shall be collected and disposed off scientifically without any accumulation. The project area should be maintained as plastic free zone.
- k) No permanent structures using construction materials shall be put up in the green belt proposed.
- l) Only native species of tropical dry ever green trees planted in the green belt arrangements proposed in consultation with Forest Department.
- m) Eco-guards shall be created.
- n) No construction activity shall be started / undertaken by the proponent until obtaining the CRZ clearance from the competent authority.
- o) No construction material shall be dumped in the Buckingham canal
- p) No concrete structures shall be allowed in CRZ areas.
- q) Any physical temporary infrastructure setup for construction purpose of the walkways shall be removed simultaneously with completion of laying of each segment of the project.
- r) Solid waste generated should be collected by providing waste collection bins kept at required intervals all along the development site and should ensure proper disposal of solid waste through solid management department of Greater Chennai Corporation.
- s) The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.

6) The Project Proponent has submitted the compliance report with reference to the above conditions, vide letter dated 23.02.2021. The Public Works Department (WRD) has issued NoC to the Greater Chennai Corporation for the above proposal, vide letter dated 14.09.2020. The Greater Chennai Corporation has also submitted the Undertaking for non-extraction of the groundwater in the proposed site and disposal of solid waste, vide letter dated 23.12.2020.

7) **As per CRZ Notification 2011, vide Para 8(i) II CRZ II (i) & (ii), buildings shall be allowed on the landward side of the existing road or authorized structure. The Project Proponent has stated that the Buckingham canal has been already provided with retaining walls on either side (Existing authorized structure).**

8) Further vide Para 3 (xiii) of the said notification, **dressing or altering the sand dunes, hills, natural features including landscape changes for beautification, recreation and other such purpose is only prohibited activity.** However, the Project Proponent has assured that they will not make any alteration in the existing landscape, vide letter dated 23.02.2021.

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

Agenda Item: 09 Project entitled "Flood mitigation measures to extended areas of Greater Chennai Corporation by construction of Integrated Storm Water Drains (ISWD) in Kosasthaiyar Basin" Proposed by Superintending Engineer, Greater Chennai Corporation, Chennai.3

The Superintending Engineer, Greater Chennai Corporation has applied for Clearance under the CRZ Notification, 2011 for the project entitled "Flood mitigation measures to the extended areas of Greater Chennai Corporation by construction of Integrated Storm Water Drains (ISWD) in Kosasthaiyar Basin" at a total cost of Rs. 2,518 crores which is inclusive of Rs.226.62 crores in CRZ and Rs.2291.38 of non-CRZ area.

2) The Project Proponent has stated that the proposed project will prevent water stagnation and inundation problems in the Chennai corporation area during the monsoon/cyclones. The proposed project will improve storm water drainage facilities, mitigate flood from low lying and flood prone areas of GCC area.

3) The Project involves construction of storm water drain having total length of 763km in which 61.07km falls in CRZ area including 32 outfalls as follows.

Sl. No.	Project Details in CRZ Area	CRZ Classification	Length / Area / Nos.
1	Storm Water Drain	CRZ-IB	0.357 km
		CRZ-II	59.059 km
		CRZ-IVA	0.451 km
		CRZ-IVB	1.210 km
2	Storm Water Pumping Station-I	CRZ-II	489.5 sq.m
3	Storm Water Pumping Station-II		489.5 sq.m
TOTAL LENGTH OF THE PROJECT AREA IN CRZ ZONE			61.077 km
4	Number of Outfall in CRZ zone	CRZ-II	6 Nos.
		CRZ-IB	3 Nos.
		CRZ-IVA	9 Nos.
		CRZ-IVB	14 Nos.

4) The Proponent has mentioned that the boundary of the project area limit is spreading over 127.8 Sq.km. The project area has been divided into 11 storm water drainage zones (watersheds) and further into micro catchments. The rainwater runoff gets drained through proposed Storm Water Drain network. All the outfalls of the micro drains either terminate at surplus canals or drains into Bay of Bengal via Buckingham Canal and Kosasthalaiyar river.

5) The DCZMA for CMDA areas has recommended the proposal to the SCZMA in the meeting held on 01.02.2021, with the following conditions.

- a) The storm water drain alignment/route shall be selected based on the following criteria.
 - i. Without disturbing the existing structures/buildings in the right of way.
 - ii. No alteration in the existing contour level.
 - iii. Routing shall be planned in such a way to avoid any tree cutting in the alignment.
 - iv. The existing drains that are in good condition shall be utilised.
 - v. Routing Alignment shall connect the existing water bodies and drains.
 - vi. Alignment shall be based on minimal disturbance to the Environment & surroundings.
- b) Silt traps shall be used to avoid erosion of soil and top soil shall be used for landscaping.
- c) No ground water from Coastal Regulation Zone area shall be extracted for the construction project.
- d) No domestic sewage either treated (or) untreated shall be collected in the storm water drain and disposed into the Buckingham Canal.
- e) No construction activity shall be started / undertaken by the proponent until obtaining the CRZ clearance from the competent authority.
- f) Necessary prior permission shall be obtained for cutting of trees from the competent authority. Compensatory afforestation shall be carried out. Also, shall identify/acquire the 7-9 m wide corridor on either side of the drain for raising the appropriate green belt consulting Forests Department / botanical experts wherever possible.
- g) Encroachments should be strongly dealt with as per the law.

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- h) The proponent shall ensure segregation of waste at source, facilitate collection of segregated waste and handover recyclable material either to authorized waste pickers (or) authorized recyclers.
- i) The biodegradable waste shall be processed, treated and disposed off through composting (or) bio-methanation process within the premises.
- j) The Project Proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
- k) The excess earth material/debris from the drain vicinity shall be removed and disposed off at the Kodungaiyur dump site of Greater Chennai Corporation as reported.
- l) The existing culverts available for storm water drainage system shall be utilized in places of road crossing areas.

6) The project proponent documented the baseline environmental survey and anticipated environmental impacts due to the project related activities and mitigation measures. Proponent certified that about 8000 sq.m area is proposed for providing Green Belt and Miawalky forest.

7) **As per CRZ Notification 2011, vide Para 3 (v) (b), storm water drains and ancillary structures for pumping is permissible activities;** Further, as per Para 8 (i) I CRZ-I (i)(b), the above activities are also 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.**

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

Agenda Item No.10 Project titled "Construction of Fish Landing Centre and Shore Protection Work at Pudhupattinam and Uyyalikuppam Village, Thirukazhukundram Taluk, Chengalpattu district" proposed by the Executive Engineer, Fisheries Department, Chennai.35.

The District Environmental Engineer, TNPCB, Maraimalai Nagar, Chengalpattu district has forwarded a proposal received from Executive Engineer, Fisheries Department, Chennai.35, for the construction of Fish Landing Centre and Shore Protection Work at Pudhupattinam and Uyyalikuppam Village, Thirukazhukundram Taluk, Chengalpattu district in the CRZ-IB Interdial zone, CRZ-III (No Development Zone) and CRZ-IV(A) areas at a cost of Rs.16.80 crores.

2) The Project Proponent has proposed to develop a Fish Landing Centre to cater the increasing needs of the fisher folk of Pudhupattinam and Uyyalikuppam in Chengalpattu district with the total land for CRZ area is 15,000 sq.m and the total built up area of the proposed project is 3625 sq.m.

3) The proposed project will include the following infrastructure development at the proposed area.

- a) Construction of 7 Nos. of Short Groynes which the length is (G1 & G7 - 25m, G2 & G6 - 50m & G3, G4 & G5 - 75m) and no dredging activity involved in the proposal.
- b) Construction of Fish Auction Hall and Packing Hall in the room size of 30m X 12m (2 Nos.).
- c) Construction of 2 Nos. of Fishnet Mending Sheds with a 30m lengths and 12m wide.
- d) Construction of Fish Drying Platform with a 20m length and 15 m wide.
- e) Construction of 2 Nos. of Toilets and one community hall toilet and 2 Nos. of Septic tank.
- f) Construction of Underground Storage Tank to store one day requirement for saving the fresh water supplied by the local Panchayat.
- g) Laying of temporary approach road to a length of 1.0 Km and a width of 4.5m for conveying the stone from the quarry to the proposed site.

4) The proponent has provided the detailed baseline environmental studies including terrestrial and marine environment along with the possible impacts and proposed mitigation measures.

5) The DCZMA for Chengalpattu district has recommended the proposal to the TNSCZMA in the meeting held on 05.03.2021, with the following conditions.

- a) The Project Proponent shall segregate the municipal solid waste generated as Bio-degradable and Non-Biodegradable (Recyclable) and dispose the same scientifically as per the provisions of the Solid Waste Management Rules, 2016.
- b) A continuous and comprehensive post-project marine quality monitoring programme shall be taken up. This shall include monitoring of water quality, sediment quality and biological characteristics. Baseline data shall be collected prior to commencement of the project.
- c) It shall be ensured that due to the project, there is no adverse impact on the drainage of the area and recharge of ground water. No groundwater shall be tapped in the project area.
- d) The project activity shall not affect the coastal eco system including the marine flora and fauna.
- e) The Project Proponent shall comply with the provisions of the CRZ Notification, 2011.

6) As per CRZ Notification 2011, vide Para 3 (iv) (b), measures for control of erosion, based on scientific including Environmental Impact Assessment, vide Para 4 (i) (a) Clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore facilities; vide Para 4(i)(f) and vide 8 I CRZ-I (ii) (b) of the said Notification, erosion control measures are permissible activities.

7) Further, in Application No. 04 of 2013 in the matter of O.Fernandes versus Union of India pending before NGT at Chennai, the Hon'ble NGT issued instructions to prepare a Comprehensive Shoreline Protection Management Plan / Scheme for the entire coast of Tamil Nadu especially with reference to erection of Groynes, sea walls and training walls etc., and hence the said works should be carried out on the approval of the

said plan from the competent authority. The TNSCZMA has prepared Comprehensive Shoreline Protection Management Plan by engaging IIT, Madras and the copies of the said plan has been submitted to MoEF & CC, Govt. of India and to the Hon'ble NGT (SZ) and awaiting for approval.

8) Further the Hon'ble NGT (SZ) has issued orders in Application 4 of 2013 on 4th September 2015 that the PWD or any other agency shall not proceed with any work either by putting up sea wall or groyne until further orders from the Tribunal.

9) In this situation, one representation received from public on the construction of groynes at four places in Pudupattinam Village by Fisheries Department, without obtaining CRZ Clearance. The representation has been forwarded to Fisheries Department, vide this office letter No.P1/1321/2021-2 dated 09.08.2021 and the reply is awaited from the Fisheries Department.

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

Agenda Item No.11 Project entitled "Construction of residential building in Plot No.36, New Survey No.91/62 (Old S.No.91/3) in Mamallapuram Village, Thirukalukundram Taluk, Chengalpattu district" proposed by Smt. Sailakshmi Sethuraman, Mamallapuram, Thirukalukundram Taluk, Chengalpattu district

The District Environmental Engineer, TNPCB, Maraimalai Nagar, Chengalpattu district has forwarded a proposal received from Smt. Sailakshmi Sethuraman, Mamallapuram, Thirukalukundram Taluk, Chengalpattu district for the proposed construction of residential building in Plot No.36, New Survey No.91/62 (Old S.No.91/3) in Mamallapuram Village, Thirukalukundram Taluk, Chengalpattu district at a total cost of Rs. 3.25 crores.

2) The DCZMA for Chengalpattu district has stated that the Project Proponent has proposed to construct residential building of 451.27 Sq.m in ground floor over the extent of 1,416.45 sq.m with 2 car parking and the Project Proponent has submitted permission obtained from the National Monument Authority, Competent Authority (Tamil Nadu), Govt. of India for the construction of above proposed construction with the total height of 5.75 m. (including parapet, mummy, water-storage tank etc.,).

3) The proposed site is falling in CRZ-II area and the landward side of the existing road as per the HTL Demarcation map submitted by the Project Proponent and a distance of 330m from the HTL. Buckingham Canal flows at about 830m in the west.

4) The Project Proponent has stated that 2 KLD fresh water is required and the demand will be met from the Mamallapuram Town Panchayat Water Supply. Alternatively, the family owned "The Beach Retreat Resort & Spa" (which is having the required Panchayat Water Supply of 15 KLD) will be source. The electricity will be met from TANGEDCO grid and no standby DG Set is proposed.

5) The proposed project will generate domestic sewage of about 1.0 KLD which will be biologically treated in a Septic Tank (3.05 X 1.52 X 2.0m) followed by Dispersion Trench (5.0 x 2.5 x 2.0m). Proponent has mentioned about the inclusion of rain water harvesting structure and proposed for green belt development around the boundaries.

6) The DCZMA for Chengalpattu district has recommended the proposal to the TNSCZMA in the meeting held on 21.10.2020, with the following conditions.

- a) The Project Proponent shall obtain planning permission for their proposed construction from the Department of Town and Country Planning.
- b) The Project Proponent shall not draw any ground water within the CRZ area.
- c) The Project Proponent shall provide rainwater harvesting / harvesting facilities to recharge the ground water.
- d) The Project Proponent shall segregate the municipal solid waste generated as Biodegradable and Non-biodegradable (Recyclable) and dispose the same through local body as stipulated in Solid Waste Management Rules, 2016.

7) As per CRZ Notification 2011, vide Para 8 II CRZ-II (i) and (ii) buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures; As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 16th June 2015 as Para 8 II CRZ-II (ii) "buildings permitted on the landward side of the existing and proposed roads or existing authorized structures shall be subject 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".

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

Agenda Item No.12 Proposed construction of Ice Plant Building & Storage in R.S. No.781/13 (p), Lakshmipuram Village, at Kottilpadu, Kallukottam Town Panchayat, Kalkulam Taluk, Kanyakumari district by the Thiru B. Ancel, Ramanputhooor, Kanyakumari district

The District Environmental Engineer, TNPCB, Kanyakumari district has forwarded a proposal for the construction of Ice Plant Building & Storage in R.S. No.781/13 (p), Lakshmipuram Village, at Kottilpadu, Kallukottam Town Panchayat, Kalkulam Taluk, Kanyakumari district proposed by the Thiru B. Ancel, Ramanputhooor, Kanyakumari district, for Clearance under CRZ Notification 2011.

2) The total area of the site is 1052.22 sq.mtr with 218.70 sq.mtr. for ground floor and the open space for 833.52 sq.mtr. Hence the total built up area is 218.70 sq.mtr. The proposal has been placed before the DCZMA, Kanyakumari in 76th meeting held on 14.05.2018 and the authority has recommended the project to TNSCZMA after obtaining a report from the Sub. Collector, Padmanabhapuram regarding the possibility of any Law & Order issues in case the unit is permitted. The proposed project falls in CRZ-III as per the existing CZMP and now the project site falls in the CRZ-II as per the approved CZMP (Map No.5) prepared under CRZ Notification, 2011. The project is also on the landward side of the existing Colachel-Nagercoil State Highways. The total cost of the project is Rs.11.78 lakhs.

3) The Deputy Director, Town and Country Planning, Tirunelveli has informed that the proposed building plan satisfies the FSI, PC of Municipality Building Rules, as per the existing CZMP prepared under CRZ Notification, 1991, vide their letter dated 23.11.2017. The Sub. Collector, Padmanabhapuram, Kanyakumari district has informed that there is no possibility for the Law & Order issues in case if the unit is permitted, vide his letter dated 11.01.2019.

4) The DCZMA for Kanyakumari district has decided to recommend the proposal to SCZMA, with the following remarks, in the meeting held on 14.05.2018.

- i) The proposed site is classified as Wet Agricultural Land (Nanjai) as per the Sub. Collector, Padmanabhapuram letter dated 11.01.2019.
- ii) The proposed site is classified as residential plot as per the sale deed executed.

5) Further, the DCZMA for Kanyakumari district has again forwarded the proposal to SCZMA based on the latest CZMP, vide their meeting held on 05.09.2019 and instructed the applicant to obtain fresh report from the Sub. Collector, Padmanabapuram regarding the possibility of any Law & order issues in case if the Unit is permitted.

6) The Sub. Collector, Padmanapuram has stated that there is no possibility of any law and order issues, in case if the Unit is permitted, vide letter dated 02.02.2021. Further, the District Collector, Kanyakumari district has issued a letter to the Project Proponent for the construction of Ice Plant and stated that land situated in S.No.781/13, Lakshimpuram Village, Kalkulam tk, Kanyakumari district is "Waste Land", vide Proc. dated 12.06.2019.

7) 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. No specific provisions are available for the construction of Ice Plant in the Para 8 (i) II CRZ-II of the said notification. However, vide Para 8(i) II CRZ II (i) & (ii) of the said notification, buildings shall be allowed on the landward side of the existing road or authorized structure.

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

Agenda Item No.13 Proposed construction of Ice Plant Building & Storage in R.S. No.781/13 (p), 14, 15, 16B, Lakshmipuram Village, at Kottilpadu, Kallukottam Town Panchayat, Kalkulam Taluk, Kanyakumari district by the Thiru B. Gino, Ramanputhooor, Kanyakumari district

The District Environmental Engineer, TNPCB, Kanyakumari district has forwarded a proposal for the construction of Ice Plant Building & Storage in R.S. No.781/13 (p), 14, 15, 16B, Lakshmipuram Village, at Kottilpadu, Kallukottam Town Panchayat, Kalkulam Taluk, Kanyakumari district by the Thiru B. Gino, Ramanputhooor, Kanyakumari district, for Clearance under CRZ Notification 2011.

2) The total area of the site is 1123.04 sq.mtr with 218.70 sq.mtr. for ground floor and the open space for 904.34 sq.mtr. Hence, the total built up area is 218.70 sq.mtr. The proposal has been placed before the DCZMA, Kanyakumari in 76th meeting held on 14.05.2018 and the authority has recommended the project to TNSCZMA after obtaining a report from the Sub. Collector, Padmanabhapuram regarding the possibility of any Law & Order issues in case the unit is permitted. The proposed project falls in CRZ-III as per the existing CZMP and now the project site falls in the CRZ-II as per the approved CZMP (Map No.5) prepared under CRZ Notification, 2011. The project is also on the landward side of the existing Colachel-Nagercoil State Highways. The total cost of the project is Rs.11.78 lakhs.

3) The Deputy Director, Town and Country Planning, Tirunelveli has informed that the proposed building plan satisfies the FSI of Municipality Building Rules, as per the existing CZMP prepared under CRZ Notification, 1991, vide their letter dated 23.11.2017. The Sub. Collector, Padmanabhapuram, Kanyakumari district has informed that there is no possibility for the Law & Order issues in case if the unit is permitted, vide his letter dated 11.01.2019.

4) The DCZMA for Kanyakumari district has decided to recommend the proposal to SCZMA, with the following remarks, in the meeting held on 14.05.2018.

- i) The proposed site is classified as Wet Agricultural Land (Nanjai) as per the Sub. Collector, Padmanabhapuram letter dated 11.01.2019.
- ii) The proposed site is classified as residential plot as per the sale deed executed.

5) Further, the DCZMA for Kanyakumari district has again forwarded the proposal to SCZMA based on the latest CZMP, vide their meeting held on 05.09.2019 and instructed the applicant to obtain fresh report from the Sub. Collector, Padmanabapuram regarding the possibility of any Law & order issues in case if the Unit is permitted.

6) The Sub. Collector, Padmanapuram has stated that there is no possibility of any law and order issues, in case if the Unit is permitted, vide letter dated 02.02.2021. Further, the District Collector, Kanyakumari district has issued a letter to the Project Proponent for the construction of Ice Plant and stated that land situated in S.No.781/13(p), 14, 15 & 16B, Lakshimpuram Village, Kalkulam tk, Kanyakumari district is "Waste Land", vide Proc. dated 12.06.2019.

7) 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. No specific provisions are available for the construction of Ice Plant in the Para 8 (i) II CRZ-II of the said notification. However, vide Para 8(i) II CRZ II (i) & (ii) of the said notification, buildings shall be allowed on the landward side of the existing road or authorized structure.

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

Agenda Item No.14 **Proposed construction of Ideal Paradise (Hotel) at S.F.No. 306/1B1B6, 306/1B1B7, 306/1K, 306/1L, Keela Tiruchendur Village, Tiruchendur Taluk, Thoothukudi district by Thiru G. Arulraja, Thiru G. Amoseraja and Thiru G. Aaron Raja Anand, Udangudi, Thoothukudi district**

The District Environmental Engineer, TNPCB, Thoothukudi district has forwarded a proposal received from Thiru G. Arulraja, Thiru G. Amoseraja and Thiru G. Aaron Raja Anand, Udangudi, Thoothukudi district, for the Proposed construction of Ideal Paradise (Hotel building with 48 rooms) at S.F.No. 306/1B1B6, 306/1B1B7, 306/1K, 306/1L, Keela Tiruchendur Village, Tiruchendur Taluk, Thoothukudi district.

2) The total plot size of the project is 20989.80 sq.ft., (1950.02 sq.mtr) which includes the built up area viz., Ground + 2 Floors 916.92 sq.mtr each and Head Room is 55.22 sq.mtr. Hence, the total built up area / Plinth of all floors are 2805.98 sq.mtr. and the total height of the proposed construction upto the ridge of the 2nd floor roof is 9m.

3) The Project Proponent has proposed to construct Restaurant with dining hall, 12 standard rooms, two shops, parking for disabled person in Ground floor, 4 suit rooms, 14 standard rooms, Pantry in the First Floor and 4 suit rooms and 14 standard rooms in the Second Floor.

4) Further, the Project Proponent has stated that the sewage will be collected through Soak Pit and connected to municipal underground drainage system. The solid waste will be disposed through municipal solid waste collected trucks. The Executive Officer, Spl. Grade Town Panchayat, Tiruchendur has stated that the drinking water connection and underground sewage system will be considered after getting the approval from the Competent Authority, vide their letter dated 19.02.2021.

5) The proposed construction of the hotel building is falling in CRZ-II and the cost of the project is Rs.2,34,48,000/-. The DCZMA for Thoothukudi district has recommended the proposal to SCZMA in the meeting held on 12.11.2019, with the following conditions.

a) The overall height of the construction upto the highest ridge of the roof shall not exceed 9 meters and the construction shall not be more than two floors (Ground + One Floor).

b) The total plot size shall not be less than 0.40 hectares.

6) The following may be clarified from the Project Proponent

a) Method of disposal of sewage until the UGSS Scheme is sanctioned was not clearly spelled out.

b) Plot area shall not be less than 0.40 Ha. But, available land is $0.28 < 0.40$ Ha.

7) As per the CRZ Notification, 2011, the MoEF&CC, Govt. of India have issued guidelines vide Annexure III for the development of beach resorts or hotels in the designated areas of CRZ-III and CRZ-II for occupation of tourist or visitors with prior approval of the Ministry of Environment and Forests. Hence, the project requires clearance from the MoEF & CC, Govt. of India.

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

Agenda Item No. 15: Proposed Beach Resort and Convention Centre at S.No.14/3c2a and 14/3c2b of Deveneri Hamlet, Mamallapuram Village, Thirukazhukundram Taluk, Chengalpattu district by M/s. VGS Estates Pvt. Ltd., Nandanam, Chennai.35

The District Environmental Engineer, TNPCB, Maraimalai Nagar, Chengalpattu district has forwarded a proposal received from M/s. VGS Estates Pvt. Ltd., Nandanam, Chennai.35, for the proposed Beach Resort and Convention Centre at S.No.14/3c2a and 14/3c2b of Deveneri Hamlet, Mamallapuram Village, Thirukazhukundram Taluk, Chengalpattu district for clearance under CRZ Notification 2011.

2) The above subject has been placed before the TNSCZMA meeting held on 23.08.2012 and as resolved by the Authority the proposal has been forwarded to MoEF &CC, Govt. of India, for Clearance. However, the project was not carryout by the Project Proponent.

3) Now, the Project Proponent has again proposed to construct the beach resort and Convention Centre at S.No.14/3c2a and 14/3c2b of Deveneri Hamlet, Mamallapuram Village, Thirukazhukundram Taluk, Chengalpattu district, in a plot area of 7.85 acres with total built up area of 15,054.47 Sq.m, which includes King Village Ground +1 Floor, Hotel Block is Ground+2 Floors besides 22 Nos. of Cottages, Restaurant, Bar, Swimming Pool, Entrance Arch, Convention Centre etc.,

4) The total water requirement for the project for operation phase is 181 KLD. The Project Proponent has stated that the fresh water requirement for the project is estimated to be 80 KLD and recycled water 101 KLD. The fresh water requirement will be met from in house Desalination Plant with a capacity of 87 KLD. The latitude and longitude of the intake pipeline is 12° 38' 42.140"N and 80° 12' 50.978"E and the RO reject is 12° 38' 34.367"N and 80° 13' 23.261"E.

5) The Project Proponent has stated that they proposed to establish 110 KLD Sewage Treatment Plant with UF and UV for treatment and recycling of treated sewage.

6) The power requirement is estimated to be 2700 kVA, which will be sourced from the State Grid and the power backup proposed is 2 X 1500 kVA, DG Sets.

7) The entire proposed project is falling in CRZ-IB, CRZ-II and CRZ-IVA area and the proposed cost of the project is Rs. 70 crores.

8) The DCZMA for Chengalpattu district has recommended the proposal to the TNSCZMA in the meeting held on 21.10.2020, with the following conditions.

- a) The Project Proponent shall provide adequate capacity of Sewage Treatment Plant for the treatment and disposal of sewage generated from its activity and shall utilize the treated sewage generated for toilet flushing and for green belt development within the premises after achieving discharge standards prescribed by the Tamil Nadu Pollution Control Board.
- b) 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.
- c) Proper arrangements should be made for the disposal of biodegradable solid waste generated in the project areas, by providing Organic Waste Converter (OWC).
- d) The Project Proponent shall install rooftop solar panels for the generation and utilization of electricity for its premises to the maximum extent possible.
- e) The Project Proponent shall provide LED lighting arrangement for the entire premises to save electricity power consumption.
- f) The Project Proponent shall provide rainwater storage / harvesting facilities to recharge the ground water.
- g) The Unit shall establish Environment Management Cell to administer and monitor the recommendations made in the Environment Management Plan as contained in the EIA report of the project and shall be effectively implemented.
- h) The Concentration of toxic metals may get increased due to desalination process and therefore the effluent shall be properly treated by suitable methods to remove the toxic trace metals and other contaminants if it exceeds the standards prescribed by the Board, before discharging into the sea. Periodical monitoring shall be carried out to assess the concentration of toxic trace metals in the reject water.
- i) The temperature of the effluent (reject water) shall be within the permissible limit.
- j) A moored data buoy shall be maintained in the vicinity of the effluent discharge to continuously monitor the changes in the selected physiochemical parameters.
- k) The Project Proponent shall discharge the RO reject back into the sea through uniform distribution system without any sudden increase in TDS concentration in the area. In order to reduce the effluent of high saline discharge, an efficient dispersion model shall be carried out by reputed scientific institute and the recommendations shall be implemented.

- l) The Project Proponent shall discharge the RO rejects into the sea at a distance as proposed after satisfying the standards prescribed by the Board.
- m) The Project Proponent shall provide proper stability to the marine outfall system with appropriate anchor so that it can withstand in cyclonic condition.
- n) The proposed intake and outfall activities in the sea shall not cause hindrance to the fishing activity, movement of boats etc.,
- o) The pipeline both intake and outlet shall not cause any hindrance to the movement of local communities including the fishermen.
- p) The pipeline shall not disturb the movement of fishing vessels or fishermen.
- q) Markers shall be installed at every 30 meters along the pipeline route to indicate the position of the line.
- r) A continuous and comprehensive post-project marine quality monitoring program shall be taken up. This shall include monitoring of water quality, sediment quality and biological characteristics. Baseline data shall be collected prior to commencement of the project.
- s) It shall be ensured that due to the project, there is no adverse impact on the drainage of the area and recharge of groundwater shall be tapped in the project area.
- t) The project activity shall not affect the coastal eco system including the marine flora and fauna.
- u) The project proponent shall ensure that the desalination area shall be paved completely so that the seawater shall not gain access on ground leading to ground water pollution.
- v) The high saline reject water shall be periodically monitored for the physiochemical and toxic traces metal contents through appropriate standard procedure.
- w) The Project Proponent should obtain planning permission approval for their proposed activity from the Department of Town and Country Planning.
- x) The Project Proponent shall comply with all the conditions stipulated in the guidelines attached as Annexure-III in the CRZ Notification, 2011.
- y) The Project Proponent shall develop green belt to the maximum extent within the premises.

9) The subject was placed before the 111th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 13.01.2021 and the Authority has resolved to request the Project Proponent to submit the following additional details from the Project Proponent for taking further action.

- a) The Project Proponent should submit the HTL Demarcation map clearly indicating the Zonation of the CRZ areas.
- b) The separate EMP should be submitted for the proposed desalination plant including the details of the depth and exact geo coordinates of pipelines in the Intertidal Zone.
- c) The Proponent should explain the impacts and mitigations for the intake and outfall pipelines of the proposed desalination plant.
- d) The Proponent should furnish the detailed Benthic Impact Study for the proposed project.
- e) Compliance report on the conditions imposed by the DCZMA.
- f) Remarks / Opinion from the authorized institute like NIOT should be obtained for the location of the proposed desalination plant mainly for the outfall.

10) The Project Proponent has submitted the replies with reference to the above vide their letter dated 27.04.2021 and 28.04.2021 (copy enclosed). Accordingly, the Project Proponent has been requested to clarify on water requirement and source of recycling water. The Project Proponent has submitted the replies on the water requirement, vide their letter dated 24.06.2021 (copy enclosed).

11) As per the approved CZMP during 2018, the project site is falling in CRZ II on seaward side. As per the CRZ Notification, 2011, the MoEF&CC, Govt. of India have issued guidelines vide Annexure III for the development of beach resorts or hotels in the designated areas of CRZ-III and CRZ-II for occupation of tourist or visitors with prior approval of the Ministry of Environment and Forests. The Proposal satisfies the guidelines stipulated for the beach resorts in CRZ II. Further, vide para 4 (i) (a), para 8 (i) I CRZ I (i) (b) and 8 II CRZ II (v), the desalination plant is permissible activity. However, the project requires clearance from the MoEF & CC, Govt. of India, vide para 4 (ii) (h) of CRZ Notification 2011.

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

Agenda Item No. 16

Proposed project of setting up of 60 MLD Desalination Plant at S.F.No.94/2, Koonimedu Village, Marakkanam Taluk, Villupuram district by TWAD Board, Kallakurichi

The District Environmental Engineer, TNPCB, Villupuram district has forwarded a proposal received from the Executive Engineer, Tamil Nadu Water Supply and Drainage (TWAD) Board, Kallakurichi for the proposed project of setting up of 60 MLD Desalination Plant at S.F.No.94/2, Koonimedu Village, Marakkanam Taluk, Villupuram district. The latitude is 12°05'33.34" and the longitude is 79°54'05".

2) The Project Proponent has presented before the DCZMA about the salient features of the project and the importance of the project as drinking water source for the local bodies of Villupuram District and has proposed to supply water for the proposed SIPCOT, Tindivanam and for the existing Government Medical College, Villupuram and the DCZMA for Villupuram district has recommended the proposal.

3) It is ascertained in the minutes of the DCZMA, the District Collector, Villupuram stated that the necessary compliance for the process of the settlement of forest rights, as per Forest Rights Act, 2006 has been completed.

4) Further, it is ascertained that the project location of SF No.94/2, Koonimedu Village, Marakkanam Taluk, Villupuram district which was earlier as part of 'Green Plantation and Fishermen settlement' as per the CRZ land use map, 2011. Subsequently, the Regional Office of MoEF, Chennai has issued Stage-I approval in principal on 24.12.2020 for diversion of 16 Hactares of Forest area as 'Non-Forest Use' purposes so as to establish the present project of 60 MLD desalination plant in this location. Hence, the DCZMA observed that the location is free from 'Green plantation and Fishermen Settlement' on records.

5) The Project Proponent has stated that the proposed location for the desalination plant in forest land where forest has grown trees of 2093 number and the District Collector has given alternate land of 21.41.5 Ha at Kattalai Village and 11.05.5 Ha Karattai Village to the forest Department, for transplantation the trees.

6) As per the HTL Demarcation map, the main plant majorly falls under CRZ-IA, South East Corner of the plant falling in CRZ-III (No Development Zone) and South West Corner pathway falling in CRZ-III (200m to 500m). The intake and outfall points are originated from the plant is in CRZ-IA and the pipeline passes through CRZ-III, CRZ-IB and CRZ-IVA.

7) The proposed plant of 60 MLD Capacity of the plant will have an intake flow of 175 MLD with TDS 35,000 mg/l generating 115 MLD of brine reject. The location of intake / outfall is 12°5' 27"N, 79°54' 28"E / 12°05' 42" N, 79°54' 35"E. The Project Proponent has furnished the modelling study for the purpose to forecast the anticipated ambient salinity at 71m from the diffuse at the outfall structure. The complete study report with software output has been provided in the report.

8) The Proponent also stated that the 2 KLD sewage generated will be treated through the package type STP and the treated sewage will be used for the plantation in the greenbelt area. The proposed plant is expected to generate 2T/day of organic sea debris from the intake screen and it will be composted with community food waste under the CSR Program.

9) Several representations / objections received from the local communities on the proposed project has been forwarded to the DCZMA, for taking into consideration. The Project Proponent has informed that a stakeholder consultation meeting was held on 04.09.2019 and submitted the details of the stakeholder consultation along with issues raised and the response of the Proponent.

10) The Project Proponent has submitted the details of the coastal sand dunes flora and faunal details based on the information gathered from the local inquires.

11) The proposed project is falling in CRZ-IA (1,56,599.43 sq.m), CRZ-III (NDZ) (351.25 sq.m) and CRZ-III (3049.32 sq.m). The total cost of the project is Rs.614.62 crores.

12) The DCZMA for Villupuram district has recommended the project to SCZMA, subject to the following conditions.

1. The Project Proponent shall obtain necessary clearance from the line departments such as building approval, Consent to Establish and the Consent to Operate from the State Pollution Control Board in time.
2. The Project Proponent shall ensure that the Environmental Safeguards and Social safeguards proposed and effectively implemented before the completion of the project.
3. The Project Proponent shall comply with the requirements of the wastes generated to scientifically dispose them as per the Solid Waste Management Rules, 2016, Hazardous Waste Management Rules, 2016, Construction and Demolition Waste, 2016 and Plastic Waste Management Rules, 2016 during the construction phase and the operation phase.
4. The Project Proponent shall provide suitable environmental safeguard measures for intake and outfall system to ensure the marine aquatic systems and protected to the major extent and the excess salinity difference with respect to the desalination plant rejects to the marine outfall which shall reach the ambient salinity as desired within 100 meters to ensure the marine eco system is safe.
5. The Proponent shall ensure proper quality of scientific dredging to minimize the impact during the laying of the pipelines for intake and outfall structures.
6. The Proponent shall monitor the environmental quality in respect of seawater as per MoEF & CC guidelines during the construction and operational phases of the implementation.

13) The subject has been placed before the 112th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 21.01.2021 and the Authority resolved to get the following additional details from the Project Proponent for taking further action:

- a) The project proponent should provide the baseline shoreline/ intertidal fauna and flora data including the list of species.
- b) The Project Proponent shall confirm about the compliance of other conditions related to Stage-I clearance under Forest Conservation Act.
- c) The Project Proponent shall submit the complete written report including the details of the proposed pipelines for desalination plant viz., measures of intake & outfall pipeline, erosion issues etc.
- d) The impacts on marine fauna, due to brine discharge from the desalination plant, should be included in the proposal.
- e) The proposal should include seasonal variation studies over marine impacts due to coastal currents.

- f) The proposed project should confirm the modeling input parameters in local scenario.
- g) The project report should address the best practices/experiences gained from the previous project works and management of issues related to chemical usage like ferric chloride, sodium hypochlorite, dewatering, solid waste etc., in the proposal especially as done in Nemmeli Desalination Plant at Chengalpattu district.

14) The Project Proponent has submitted the replies for the above, vide their letter dated 04.02.2021 (copy enclosed as Annexure-A).

15) Further, some representations received from the local communities with a request to not approve the proposal in the first stage and the same have been forwarded to the Project Proponent for comments. The Project Proponent has submitted their reply vide letter dated 23.02.2021 (copy enclosed as Annexure-B).

16) As per CRZ Notification 2011, vide Para 4 (i) (a), Para 8 (i) I CRZ I (i) (b) and 8 II CRZ II (v), the above activities are permissible activities. However, the project requires Clearance from the MoEF & CC, Govt. of India, vide Para 4 (ii) (h) of CRZ Notification 2011.

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

Agenda Item No. 17: Laying of Petroleum & Petroleum products pipeline project from Ennore Port to Manali Industrial Area along the NCTPCL Compound Wall via Puzhuthivakkam, Ennore, Vallur, Athipattu, Kathivakkam, Eranvur, Manali, Tirvottiyur, Sathangadu & Sadayankuppam Village in Chennai district by M/s. IMC Limited, Chennai.18.

M/s IMC Limited, Chennai obtained CRZ clearance from MoEF & CC, Govt. of India for laying of crude oil pipeline project from Ennore Port to M/s CPCL along the NCTPCL compound wall, in Tamil Nadu vide letter No. 11-31/2009-IA.III, dated 24.08.2009.

2) The validity of the said Clearance has been extended up to 23.08.2019 vide the MoEF & CC, Govt. of India letter dated 17.06.2015. M/s IMC Ltd. has requested the MoEF & CC, Govt. of India, vide letter dated 22.08.2019 for an amendment of the route in one section of the proposed pipeline and for further extension of validity of the clearance.

3) The Expert Appraisal Committee (EAC) of Govt. of India have been informed by the Project Proponent in the 226th Meeting held on 23.10.2019 that the construction work for the above mentioned pipeline has started in August, 2019 but there has been a necessity for slight changes in the alignment in one section of the route of the pipeline in order to avoid settlements, marshy water logged area, mangroves and ease of access as per OISD guidelines and for accessibility for monitoring of pipelines. The deviation of the route will be positive to the environmental/CRZ context as it is proposed to take the line along the sea wall in existence (1.004 km) and avoiding sensitive areas.

4) The Expert Appraisal Committee noted if the proposed change in alignment is made, the 7.349 km to 8.353 km chainage will now falls in CRZ-III, whereas, the 11.150 km to 12.320 km chainage, as per approved route, was located in CRZ-II. The Committee also observed that the length of the cross country pipeline due to proposed amendment is reduced to 20.393km, compared to original approved length of about 23.2 km.

5) The EAC deliberated the issues involved and observed that the proposal merits consideration as the proposed changes/deviation in route for about 1 km will have better environmental/CRZ benefits than the original alignment. The Committee however decided that the project proponent shall obtain an endorsement / recommendation from the TNCZMA in this regard.

6) Now, the Project Proponent has applied for CRZ Clearance for the above project as per the suggestion of EAC, MoEF & CC, New Delhi with a re-aligned route i.e. Ennore Port to Manali Industrial Area along the NCTPCL Compound Wall via Puzhuthivakkam, Ennore, Vallur, Athipattu, Kathivakkam, Eranvur, Manali, Tirvottiyur, Sathangadu & Sadayankuppam Village in Tiruvallur and Chennai districts. The proposed project cost is Rs. 94.89 crores and the realignment of the proposed pipeline crossing through CRZ-IB, CRZ-II, CRZ-III and CRZ-IVB.

7) The re-aligned portion of the pipeline route is located in CMDA area and hence the subject was placed before the DCZMA for CMDA areas on 22.06.2020 and the DCZMA has recommended for the realigned route of the above project for the Clearance under CRZ Notification, 2011 to the TNSCZMA, subject to the conditions that until shall continue to comply with the conditions stipulated in the CRZ Clearance already issued for their earlier proposal.

8) The subject was placed before the 110th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 28.10.2020 and the Authority resolved to request the Project Proponent to submit the following details:

- a) As the proposed pipeline pass through the inter-tidal zone (CRZ IB) area, the impact on the flora and fauna due to the project activities together with the mitigation measures to be taken on the adverse impacts, if any, should be furnished.
- b) The details with reference to the disturbances due to the project constructions, including the horizontal drilling, during the construction phase, should be elaborated with facts and figures, as the constructions should not affect the habitat.
- c) As the pipeline is proposed to transport Petroleum Products and also cross over the water body, a detailed Risk Analysis, with reference to the worst case scenario during disasters, accidents along with mitigation, management techniques shall be furnished.
- d) As the project pipeline cross over around 10 to 11 fishermen hamlets, stakeholder consultations to be conducted, so as to avoid resistance from the local community and fishermen, at the time of execution of the project and the said details should be furnished.

- e) Comparative Statement showing the details about the approval of the earlier pipeline alignment and the proposed re-alignment, with reference to the zonation, shall be furnished.
- f) In the EIA study, the scale of maps are not uniform. In some places the entire country map (geology/seismic) is used. In some places the district level map is used (land use/ land cover/ geomorphology, hydrogeology and water level). In some places the study area map is used. It should be uniform throughout the Report.
- g) The details of the Ground Water (Chapter 3.6.2) shall be re-checked, if the study area is characterized by river alluvium.
- h) Ground water level of pre-monsoon May 2006 and Post-monsoon Jan 2007 was given in the report, that too in the scale of District level. The same may be given with the latest water level.
- i) The details of CER activities proposed, under the present proposal, shall be furnished.

9) The Project Proponent has submitted the replies with reference to the above, vide letter dated 03.03.2021 (copy enclosed).

10) 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; Further as per Para 8 (i) I CRZ I (b) and 8 (i) II CRZ II (iv)., the above activities are permissible activities. However as per Para 4 (ii) (d), the above activities require clearance from the Ministry of Environment, Forests and Climate Change (MoEF & CC), Govt. of India.

11) However, the MoEF, GoI have already issued Clearance, for the existing alignment, under the CRZ Notification, 1991, vide letter dated 24.08.2009 and imposed the condition apart from others that in the event of any change in the Project Profile a fresh reference shall be made to the Ministry of Environment and Forests, vide Para 6 (ii) of the said Clearance.

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

Agenda Item No.18 : Establishing of 10 MLD Capacity Desalination Plant at R.S. No.355, Mullakadu Village, Thoothukudi Taluk, Thoothukudi District by M/s. Tamil Nadu Generation and Distribution Corporation Ltd., (TANGEDCO) Chennai

The District Environmental Engineer, TNPCB, Thoothukudi district has forwarded a proposal for the proposed establishment of 10 MLD Capacity Desalination Plant, within the existing Tuticorin Thermal Power Station (TTPS) at R.S. No.355, Mullakadu Village, Thoothukudi Taluk, Thoothukudi District proposed by M/s. Tamil Nadu Generation and Distribution Corporation Ltd., (TANGEDCO).

2) Under the proposal, the Project Proponent has proposed to set up a Sea Water 10 MLD Desalination Reverse Osmosis Plant and proposed to draw sea water of 29MLD. The brine discharge will be 18.5 MLD. The intake water will be drawn from the existing cooling water intake channel and the brine discharged will be dispersed with the existing cooling water outfall channel. Accordingly the estimated brine quantity of 750 cubic meter per hour from the proposed Desalination Plant will be mixed with the 90,000 cubic meter per hour coolant water of M/s. TTPS through the existing outfall of TTPS.

3) The project area is falling in CRZ-II and the areas through which the outfall and inlet passes through the CRZ-IB and CRZ - IV. The total project area is 7.97 to 8 acres, out of which the present land requirement shall be 1.95 acres and additional 6 acres of land will be utilized for future expansion of another 40 MLD. Total Project cost is Rs.98.12 Crores.

4) The estimated power requirement for the desalination plant is estimated to be around 2500 kw. The required power will be drawn from the existing Internal Coal handling plant. Approximately 8 KLD of sewage will be generated during operation phase. The sewage from the plant will be treated through package sewage treatment plant and the treated sewage will be reused for horticulture.

5) The District Environmental Engineer, Thoothukudi has informed that the site for the facility is presently vacant and that no work related to the establishment was found commenced.

6) The DCZMA has recommended the project to SCZMA with the following conditions.

- a) All the provisions of the CRZ Notification, 2011 shall be adhered with.
- b) 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.
- c) The clearances/ approvals from the Revenue Department and Tamil Nadu Maritime Board for laying of pipeline in the areas under their control shall be obtained before the commencement of the establishment.
- d) The project proponent shall not draw any groundwater in CRZ area, under any circumstances.
- e) The project proponent shall remit the taxes payable to the Thoothukudi Municipal Corporation such as Vacant Land Tax and Property Tax, as and when such demands are made.
- f) The project proponent shall not 'use and throwaway plastics' such as plastic sheets used for food wrapping spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bags and plastic flags irrespective of thickness, within the industry premises. Instead unit shall encourage use of ecofriendly alternative such as banana leaf, areca nut palm plate, stainless steel glass, porcelain plates / cups, cloth bag, jute bag etc.,
- g) The project proponent shall undertake continual awareness programme against the use of 'use and throw plastic' items, within the premises and also at the community level, by erecting display boards depicting the environmental hazards of plastics, alternates to plastics, etc.,

7) The subject was placed before the 109th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 19.02.2020 and the Authority resolved to request the Project Proponent to re-submit the proposal, for the consideration, with the following details:

- a) Copy of original Plan approval obtained for the existing structures shall be furnished.
- b) As the Project area is earmarked for the existing Thermal Power Station, the details on the adequacy of accommodating the new facilities in the same project area shall be furnished along with the provisions available in the Town Planning Act and rules, for the same, duly authenticated by the Department of Town and Country Planning.

- c) It is proposed to discharge the brine with the existing cooling water outfall channel, at the shoreline and hence a detailed specific study on the impact of the said discharge, especially on the marine flora and fauna, by a reputed institute in the field may be carried out and furnished.
- d) The Authority requested the Project Proponent to plan to discharge the brine into the sea, around 3 kms away from the shoreline and furnish the revised proposal within the scope of the provisions of the CRZ Notification 2011, for consideration.

8) The Project Proponent has submitted the details with reference to the above, vide letter dated 28.12.2020. The proposal has been again placed before the Authority in the 111th meeting held on 13.01.2021. The Authority resolved that the project proponent should re-submit the proposal after incorporating the details mentioned in the 109th meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 19.02.2020 along with the detailed report of seasonal studies, including the impacts and mitigation.

9) Accordingly, the Project Proponent has re-submit the details mentioned in the 109th meeting of the TNSCZMA, vide letter dated 15.04.2021 (copy enclosed).

10) As per CRZ Notification 2011, vide Para 4 (i) (a), Para 8 I CRZ I (i) (b) and 8 II CRZ II (v) the above activities are permissible activities. However, the project requires clearance from the MoEF & CC, Govt. of India, vide Para 4 (ii) (h) of CRZ Notification 2011.

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

Agenda Item No.19 **Development / Improvement of 7 Infrastructure facilities at Chennai Port proposed by M/s. Chennai Port Trust, Chennai.**

M/s Chennai Port Trust, Chennai has proposed the following Development / Improvement of 7 infrastructure facilities at Chennai Port, Chennai.

- i. Improvement to the existing Jawahar Dock (East) Berths for handling bulk cargoes (Modernization).
- ii. Improvement to the existing Bharathi Dock-II Berth for handling bulk cargoes (Modernization)
- iii. Relocation of existing Sand Trap and Capital Dredging (Change in location).
- iv. Development of Multi level Car Parking facility (5000 cars) (New)
- v. Development of Coastal Terminal (1MTPA) at Northern sheltering arm at east of Bharathi Dock turning circle (New).
- vi. Development of Dry Dock Facility in the Boat Basin / Timber Pond Area (New) and
- vii. Development of Storage Sheds and Tank Farms as per the Land Use Plan of the Chennai Port (New).

2) The details of the proposed works are given below.

- i) Improvement to the existing Jawahar Dock (East) Berths for handling bulk cargoes** - The total quay length in Jawahar Dock is about 1.3km with 6 berths, 3 each on the east and the west and basin dimensions of 655m x 152m. The proposal envisages improvement to the existing berths in the form of strengthening of berth structure for about 140m out of 655m long and re-paving the yard on the eastern side of the JD berths.
- ii) Improvement to the existing Bharathi Dock-II Berth for handling bulk cargoes** - The proposal envisages improvement to the existing berths in the form of re-paving the berth surface, replacement of fenders, strengthening works to the steel piles, yard pavement and dismantling of existing conveyor lines / drive house / stacker cum reclaimer.
- iii) Relocation of existing Sand Trap and Capital Dredging** - Based on the study of CWPRS (Central Water & Power Research Station), the optimum size of the Sand Trap 250m x 500m to be dredged from the average sea bed level of (-)14m to (-)22m below CD. The quantity of sand to be dredged is 9,20,000m³.

- iv) **Development of Multi level Car Parking facility** - The proposed berth designed for 300m length and 30m width based on the requirement to accommodate 225m to 275m length of car carrier / cargo vessels. The total area to be dredged is estimated 35,000 sqm and the dredged quantity about 2,00,000m³.
- v) **Development of Coastal Terminal (1MTPA) at Northern sheltering arm at east of Bharathi Dock turning circle** - It is proposed to develop exclusive Coastal Terminal with open type piled wharf structure of 260m x 16m to 19.5m in front of the Northern Sheltering arm of breakwater at southeast corner of Bharathi Dock turning Basin. The alongside of the Coastal Terminal and the adjacent areas of the Turning Basin could be dredged to (-)9.00m CD to accommodate Coastal Shipping Vessels having drafts upto 8.00m.
- vi) **Development of Dry Dock Facility in the Boat Basin / Timber Pond Area** - The Boat basin/ Timber pond is a shallow basin with drafts varying from 1m to (-)6m CD. It serves as a shelter for port crafts mainly tugs, launches etc., and for port craft that require repair and maintenance. The proposed facility is conversion of existing Boat Basin and Timber Pond located in the southwest end of inner harbor to facilitate the repairing of ships.
- vii) **Development of Storage Sheds and Tank Farms as per the Land Use Plan of the Chennai Port** - The Port has finalized the Land Use Plan and proposed to allot land to the users on tender basis. As part of the Land Use Plan, Port has identified the Land for Development of Covered Sheds, Tank Farm etc. The facilities will be developed either through internal recourses or through third party.

3) The project is falling in CRZ-II and CRZ-IVA and the proposed project cost is Rs.905.59 crores.

4) The DCZMA for CMDA areas has resolved to recommend the proposal to the TNSCZMA in the meeting held on 22.06.2020, with the following conditions.

- a) Location of the projected dumping area for dumping of the de-silted sand from the existing sand trap duly marked in the HTL map 2018, shall be furnished.
- b) Location of the projected dumping area for dumping of the dredged material for the development of coastal terminal, duly marked in the HTL Map 2018, shall be furnished.
- c) Copy of MoU executed with the Coast Guard for the development of dry dock-facility in the Boat/Basin/Timber Pond shall be furnished.

d) The Chennai Port Trust (CPT) shall ensure and permit the establishment of tank farms facility in the area designated by CPT, only after those proponents obtain the CRZ Clearance for the proposed establishment of tank farms facility.

5) The Project Proponent has submitted the revised HTL Demarcation map superimposing the location of the dumping area for dumping of dredged material and submitted the updated EIA report. The Project Proponent has assured that some of the conditions will be complied with during the project execution, vide their letter dated 19.09.2020.

6) The subject was placed before the 111th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 13.01.2021 and the Authority resolved to submit the revised proposal incorporating the following details to take further action.

- a) The proposed project shall include the bathymetric study mainly considering the adverse effect to marine eco system.
- b) The Project Proponent shall furnish the plan and other details of the development of storage sheds and the tank farms.
- c) The EIA report should include the impacts and mitigation separately for each proposed component.
- d) The Project Proponent shall provide the detailed study of identification of the site and handling capacity for the dumping of dredged material with clear outcome that the marine ecosystem does not get affected by the dredging materials.
- e) The proposed projects shall include the indigenous species selection for green belt development not only on the port area but also considering surrounding area wherever possible.
- f) The proposal should include the revised faunal area assessment.
- g) The Proponent should ensure providing the MoU, before the commencement of the project activity.
- h) The Project Proponent should submit the details of the Corporate Environmental Responsibility (CER) activities proposed.
- i) In the case of development of multilevel car parking facility, the proponent should provide the Oil Spill Waste Management Report.

j) The Project Proponent should formulate the Port Reception facility for Hazardous and other Wastes.

k) The Project Proponent should ensure about the management of the Ballast Water as per the MARPOL Convention.

7) The Project Proponent has submitted the replies for the above, vide their letter dated 01.06.2021 (copy enclosed).

8) As per the CRZ Notification 2011, vide para 3 (i) (a), the foreshore facilities for the activities and operations of ports and harbours, jetties, quays, wharves, erosion control measures, breakwaters, pipelines, lighthouses, navigational safety facilities, coastal police stations and the like are permissible activities. Further vide para 3 (iv) Land reclamation, bunding or disturbing the natural course of seawater are permissible activities for the setting up, construction or modernisation or expansion of foreshore facilities like ports, harbours, jetties etc., However the above activities require Clearance from the MoEF&CC., GoI vide para 4 (ii) (a) of the CRZ Notification 2011.

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

Agenda Item No.20 : Requesting instructions from the Authority on the demolition of unauthorized building in CRZ area, w.r. to the Application No. 278 of 2017 before the Hon'ble NGT (SZ).

- Thiru John Fernandez, Inayam, Kanyakumari district has filed an Application No. 278 of 2017, before the Hon'ble NGT (SZ) against the establishment and operation of the unit of M/s. Nanjil Sea Food located at D.No.24/251, Mulluthurai, Araiyanthoppu, Vilavancode, Kanyakumari District and requested the Hon'ble NGT (SZ) to grant permanent injunction restraining the Unit from running an illegal jelly Fish Processing Unit.
- The Hon'ble NGT has appointed a Joint Committee to inspect the area in question and ascertain as to whether the construction if any is in violation of the CRZ regulations and if any action is required and what action taken is taken, vide order dated 11.12.2019.
- As per the above 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 and submitted the report to the Hon'ble NGT and after considering the report, the Hon'ble NGT has directed the Tamil Nadu Pollution Control Board to submit the action taken report for imposition of environmental compensation assessed in accordance with law.
- The Joint Committee has stated that the Unit has not obtained any CRZ Clearance under the CRZ Notification, 2011 and not obtained consent under Water (Prevention and Control of Pollution) Act, 1974 as amended and Air (Prevention and Control of Pollution) Act, 1981 as amended.
- The TNPCB has assessed the environmental compensation amount in two methods viz., Case A to the tune of Rs.1,21,08,750/- and in case B to the tune of Rs.39,45,000/-
- 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, vide order dated 24.11.2020.

- In this connection, a counter affidavit has been filed by the Department of Environment and stated that the functioning of the DCZMA for monitoring the violations, vide letter dated 12.01.2021.
- The Hon'ble NGT (SZ) has stated
"it is seen from the report submitted by SCZMA that they had no power to order for demolition of construction. It may be mentioned here that if there is any violation of CRZ Notification, the authorities are vested with the power to take action for the violation as well as and if it is done without permission and if it is an impermissible activity, invoking the power under Section 5 of the Environment (Protection) Act, 1986, they can give necessary direction to the violator, even for demolition of the building and if they did not demolish the same, they can request the District Administration or other regulators who are responsible for carrying out the demolition work as has been observed by the Hon'ble Apex Court in the Kerala State Coastal Zone Management Authority Vs. the State of Kerala Maradu Municipality & Ors (2018) 2 SCC 203", vide order dated 09.09.2021.
- Section 5 of Environment (Protection) Act, 1986 is stated the follows.
"5. Power to give directions.—Notwithstanding anything contained in any other law but subject to the provisions of this Act, the Central Government may, in the exercise of its powers and performance of its functions under this Act, issue directions in writing to any person, officer or any authority and such person, officer or authority shall be bound to comply with such directions.
Explanation— For the avoidance of doubts, it is hereby declared that the power to issue directions under this section includes the power to direct
(a) the closure, prohibition or regulation of any industry, operation or process; or
(b) stoppage or regulation of the supply of electricity or water or any other service".
- No specific guidelines given in the CRZ Notification, 2011 for taking action on violations as per Section 5 of the Environment (Protection) Act, 1986.
- The Authority may consider issuing necessary instructions in this matter.

Agenda Item No.21

Any other subject with the permission of the Chair.

Sd./- xxxx

Tmt. P. Rajeswari, I.F.S.,
Member Secretary, TNSCZMA &
Director, Dept. of Environment,
Chennai - 15.

Sd./- xxxx

Tmt. Supriya Sahu, I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment, Climate Change and Forest
Department, Chennai-9.

**MINUTES OF THE 113th MEETING OF THE TAMIL NADU STATE COASTAL ZONE
MANAGEMENT AUTHORITY (TNSCZMA) HELD ON 27.10.2021& 01.11.2021**

The Chairperson welcomed the members of the newly constituted SCZMA, for the 113th meeting of the SCZMA.

The Chairperson of the Authority observed that the SCZMA is a Statutory body constituted by GOI to scrutinize and approve important projects in the coastal environment. It was found that four organizations viz CMDA, Industries, Fisheries and DTCP were not represented by the members in the meeting but by their nominees. A letter may be sent in this regard to the members requesting them to attend in person instead of deputing their nominees as their inputs will be essential for scrutiny of the projects taken up for consideration by the Authority. In case of their inability to attend the Authority meeting they may take leave of absence.

Leave of absence is granted to Dr. R. Venkatesan, Scientist "G" & Group Head - Ocean Observation System, NIOT, Chennai, as he is not available in India.

Agenda Item No.01: **Confirmation of the minutes of the 112th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 21.01.2021.**

The minutes of the 112th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 21.01.2021 communicated to the Members of the Authority in letter No. P1/2200/2018 dated 29.01.2021 of the Director of Environment, were confirmed.

Agenda Item No.02: **The action taken on the decisions of 111th and 112th meetings of the Authority held on 13.01.2021 and 21.01.2021 respectively.**

The Member Secretary briefed the Members about the action taken by the Department of Environment on the decisions taken during the 111th and 112th meetings held on 13.01.2021 and 21.01.2021 respectively.

Agenda Item No.03: "Underground laying of Natural Gas Transportation Pipeline passing through Uppanar River approximately a length of 0.255 kms out of the total length of 29.197 km from Palayapalayam village, Sirkali Taluk to Memathur Village Tharangambadi Taluk, Nagapattinam District" proposed by M/s. GAIL (India) Ltd., Karaikkal (Total cost of the project is Rs.73.86 crores)

The Authority resolved to recommend the proposal to the Ministry of Environment, Forests and Climate Change, Government of India subject to clearing the following queries:

- a) In the DCZMA recommendation, the area under CRZ is 255m but, in the presentation, it is shown as 379m similarly the total length of the project is mentioned as 29.197 km in the DCZMA recommendation while in the presentation made it is shown as 29.65 km. This difference may be resolved. Otherwise, whatever recommended by DCZMA will be sent to GoI.

After clarifying the above queries, the proposal may be forwarded to MoEF & CC, GoI, with the following conditions.

- a) The pipeline under water should be laid after studying the water dynamics.
- b) The Project Proponent should ensure that the proposed activity will not disturb public.
- c) The Project Proponent should ensure the longevity of the pipeline and also the maintenance part of it.
- d) The Project Proponent should mention the physical monitoring systems and also the protection systems in place.
- e) There shall not be any blockage of river due to laying of pipeline, and free flow of water shall be maintained.
- f) The construction debris and / or any other type of waste shall not be disposed off in to the CRZ areas.
- g) M/s. GAIL (India) Ltd., shall provide necessary emergency safety measures in the CRZ area pipeline route to avoid River and Marine ecology damage to the environment.
- h) The pipeline shall be monitored regularly by the company and it shall be ensured that there is no leak from the pipeline. In case of any such eventualities, the company shall immediately take the corrective measures.

.03.

- i) No construction work other than those permitted in CRZ Notification shall be carried out in the CRZ area.
- j) GAIL (India) Ltd., shall take up greenbelt development activities in consultation with the Forest Department.
- k) GAIL (India) Ltd., shall have to contribute financially for taking up the socio-economic upliftment activities in this region in consultation with the Forest Department and the District Collector.
- l) The Project Proponent should remit 2% on the total project cost to the Tamil Nadu Biodiversity Board, towards carrying out need based CER activities.

Agenda Item No.04 "Establishment of 1 MLD RO Desalination Plant at M/s. Kamarajar Port Limited" Proposed by M/s. Kamarajar Port Limited, Vallur, Chennai. (Total cost of the project is Rs.16.50 crores)

The Authority resolved to recommend the proposal to the Ministry of Environment, Forests and Climate Change, Government of India, with the following conditions:

- a) The Project Proponent should ensure that the salinity of the output water does not affect the environment and the organisms.
- b) The Project Proponent should check the quality of the intake water to check oil and heavy metals contamination.
- c) The Project Proponent should ensure that the dredging activity should not hinder with the outlet pipe of the desalination plant.
- d) 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.
- e) The project proponent shall not draw any groundwater in CRZ area, under any circumstances.
- f) The temperature of water at the outfall point should be maintained within the prescribed levels. This may be monitored regularly through an institute and fact may be reported to Department of Environment.

- g) The Project should not affect the fishing activities in any way and also should not hinder the livelihood of the Fishermen.
- h) All the provisions of the CRZ Notification, 2011 shall be adhered with.
- i) 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.
- j) The clearances/ approvals from the Revenue Department and Tamil Nadu Maritime Board for laying of pipeline in the areas under their control shall be obtained before the commencement of the establishment.
- k) The project proponent shall not draw any groundwater in CRZ area, under any circumstances.
- l) No excavated material during the construction shall be dumped in water bodies or adjacent areas.
- m) The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018
- n) The project proponent shall ensure that the temporary structures installed for laying of pipe lines are removed within one months of accomplishment of the work.
- o) No storage reservoir for sea water shall be permitted and only pipelines conveyance system shall be installed.
- p) The project proponent shall ensure that an inbuilt mechanism appropriate for the management of solid waste is in place which shall be pre-requisite for obtaining CTO under Air and Water Acts from the TNPCB.
- q) The Project Proponent should remit 2% on the total project cost to Environment Management Agency of Tamil Nadu (EMAT) account, towards carrying out need based CER activities.

Agenda Item No.05 **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 (Total cost of the project is Rs.24.07 crores)**

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 will 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).**

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 especially facilities essential for activities only. **(The word [existing, used] hereinafter 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.** 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 Authority has observed the facts and resolved to seek clarification from MoEF & CC, GoI

- a) The Project Proponent has stated that while the area not fall 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. The MoEF & CC, GoI may clarify.
- b) Whether the CRZ Clearance under the Clause "Existing authorized structure" should be considered for this case.

Agenda Item No.06 "Formation of new link road connecting Greenways Road (DGS Dinakaran Salai) with Durgabhai Deshmukh road through Tamil Nadu Music College in Mylapore Village and Mylapore Taluk, Chennai district" Proposed by Highways Department, Chennai.25
(Total cost of the project is Rs.22.84 crores)

The Authority resolved to clear the proposal with the following conditions:

- a) The project Proponent should ensure that the blockage in the culvert be removed periodically.
- b) The design of the alignment is to be made based on the vehicular traffic, type of vehicles, sensitive area etc.,

.07.

- c) NoC from the PWD should be obtained before the commencement of works.
- d) The construction of bridges, culverts and other activities should not affect the tidal 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 and re-designing the existing bridges so as to enable free flow of water in the rivers and drainage canals.
- e) The project shall strictly adhere to the conditions laid in the Ir. No.DB/T5(3)/ F-008544 & 000921 Adyar river greenways road/2020/ dated 27.02.2020 issued by the Public Works Department, Water Resource Department, Chennai.5
- f) The culverts and embankments shall be in such a way that the proposed culverts should not affect the free flow of water and the embankment should not be formed in the inter-tidal zone CRZ-IB areas. The Engineering cross section of the alignment of the same shall be submitted.
- g) 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.
- h) Dust generated during the construction phase shall be mitigated by sprinkling of water.
- i) No cutting of trees shall be envisaged during implementation of the project.
- j) Necessary green belt with native species shall be developed along the roads of the project area to improve the microclimate environment.
- k) The project proponent shall adhere to the construction and demolition waste disposal and management Rules, 2018.
- l) No construction activity shall be started / undertaken by the proponent until obtaining the CRZ Clearance from the competent Authority.
- m) Proper arrangements should be made for the disposal of solid wastes and sewage generated in the project area.
- n) All the provisions of the CRZ Notification, 2011 shall be adhered with.
- o) The Project Proponent should remit 2% on the total project cost to Environment Management Agency of Tamil Nadu (EMAT) account, towards carrying out need based CER activities.

Agenda Item No.07 "Development of Fish Market at S.No.7581, Block No. 48, Mylapore Village, Mylapore Taluk, Chennai district" proposed by Superintending Engineer, Buildings Department, Greater Chennai Corporation (Total cost of the project is Rs.75 lakhs)

The Authority resolved to request the Project Proponent to submit a fresh proposal to DCZMA for the following reasons:

- a) The Project Proponent has mentioned that the total project cost is Rs. 9.97 crores and 366 permanent shops are to be put up but the proposal recommended by DCZMA mentions only 300 temporary shops at a cost of Rs. 75 lakhs. Hence the whole project is changed and is not as per DCZMA recommendation.
- b) The Project Proponent should revise the proposal since it is mentioned that only 8 toilets would be built for 366 shops which would create congestion and allow public to forcefully use the beach for nature call.
- c) The structures proposed should be ecofriendly structure instead of concrete, with ventilation as the numbers of shops are more in the complex.

Agenda Item No.08 "Creation of Leisure Cycle Track, Pedestrian Walkway & Tree Plantation along Buckingham Canal from Kasturibai Nagar MRTS to Thiruvanmiyur MRTS Stations" proposed by Superintending Engineer, Special Project Department, Chennai.3
(Total cost of the project is Rs.20 crores)

The Authority resolved to clear the proposal with the following conditions:

- a) The project should be developed with eco-friendly construction materials without using excessive cement, steel etc.,
- b) The walkways surface shall be durable, stable, firm and slip resistant; and should be regularly maintained to prevent sand accumulation that may hinder access.
- c) Designated accessible parking areas and entry / exit access routes should be provided for public and should ensure safety precautions.
- d) The project proponent shall not make any alternation in the landscape.
- e) The Greater Chennai Corporation should regularly inspect the walkways, monitor and maintain the same.
- f) No ground water from Coastal Regulation Zone area shall be tapped for the project.
- g) The applicant should manage the sewage with adequate facilities and obtain permission from CMWSSB for the discharge of sewage generated from the proposed activity into sewer line.

- h) The freshwater requirement for the proposed project should be obtained through CMWSSB water supply only.
- i) The applicant shall ensure that adequate garland drains are provided in the project area to ensure that the storm water runoff reaches Buckingham canal without any water stagnation/flooding in the area during rains.
- j) The applicant shall ensure that solid waste generated in the project area shall be collected and disposed of scientifically without any accumulation. The project area should be maintained as plastic free zone.
- k) No permanent structures using construction materials shall be put up in the green belt proposed.
- l) Only native species of tropical dry ever green trees be planted in the green belt arrangements proposed in consultation with Forest Department.
- m) Eco-guards shall be created.
- n) No construction material shall be dumped in the Buckingham canal
- o) No concrete structures shall be allowed in CRZ areas.
- p) Any physical temporary infrastructure setup for construction purpose of the walkways shall be removed simultaneously with completion of laying of each segment of the project.
- q) Solid waste generated should be collected by providing waste collection bins kept at required intervals all along the development site and should ensure proper disposal of solid waste through solid management department of Greater Chennai Corporation.
- r) The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
- s) The Project Proponent should remit 2% on the total project cost to Environment Management Agency of Tamil Nadu (EMAT) account, towards carrying out need based CER activities.

Agenda Item: 09 Project entitled "Flood mitigation measures to extended areas of Greater Chennai Corporation by construction of Integrated Storm Water Drains (ISWD) in Kosasthaiyar Basin" Proposed by Superintending Engineer, Greater Chennai Corporation, Chennai.3
(Total cost of the project is Rs.2518 crores which inclusive Rs.2291.38 crores of non-CRZ areas)

The Authority resolved to recommend the proposal to the Ministry of Environment, Forests and Climate Change, Government of India subject to the following conditions:

- a) The Project Proponent should ensure to use the existing canals and natural features for letting out the storm water where ever possible.

- b) It should be ensured that all eco-norms be followed.
- c) A separate note on the area for planting along with the number of seedlings and its maintenance be submitted.
- d) A special note on contribution towards Tamil Nadu Green Mission to be submitted.
- e) The storm water drains should be in alignment with the existing trees and ensure that they are protected.
- f) The storm water drain alignment/route shall be selected based on the following criteria.
 - i. Without disturbing the existing structures/buildings in the right of way.
 - ii. No alteration in the existing contour level.
 - iii. Routing shall be planned in such a way to avoid any tree cutting in the alignment.
 - iv. The existing drains that are in good condition shall be utilised.
 - v. Routing Alignment shall connect the existing water bodies and drains.
 - vi. Alignment shall be based on minimal disturbance to the Environment & surroundings.
- g) Silt traps shall be used to avoid erosion of soil and top soil shall be used for landscaping.
- h) No ground water from Coastal Regulation Zone area shall be extracted for the construction project.
- i) No domestic sewage either treated (or) untreated shall be collected in the storm water drain and disposed into the Buckingham Canal.
- j) No construction activity shall be started / undertaken by the proponent until obtaining the CRZ clearance from the competent authority.
- k) Necessary prior permission shall be obtained for cutting of trees from the competent authority. Compensatory afforestation shall be carried out. Also, shall identify/acquire the 7-9 m wide corridor on either side of the drain for raising the appropriate green belt consulting Forests Department / botanical experts wherever possible.
- l) Encroachments should be strongly dealt with as per the law.
- m) The proponent shall ensure segregation of waste at source, facilitate collection of segregated waste and handover recyclable material either to authorized waste pickers (or) authorized recyclers.
- n) The biodegradable waste shall be processed, treated and disposed off through composting (or) bio-methanation process within the premises.

- o) The Project Proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
- p) The excess earth material/debris from the drain vicinity shall be removed and disposed off at the Kodungaiyur dump site of Greater Chennai Corporation as reported.
- q) The existing culverts available for storm water drainage system shall be utilized in places of road crossing areas.
- r) The Project Proponent should remit 0.5% on the total project cost to Environment Management Agency of Tamil Nadu (EMAT) account, towards carrying out need based CER activities.

Agenda Item No.10 **Project titled "Construction of Fish Landing Centre and Shore Protection Work at Pudhupattinam and Uyyalikuppam Village, Thirukazhukundram Taluk, Chengalpattu district" proposed by the Executive Engineer, Fisheries Department, Chennai.35.**
(Total cost of the project is Rs.16.80 crores)

The Authority resolved not to approve the present proposal for the following reasons.

- a) The Project Proponent should submit a comprehensive layout/plan for the complete project.
- b) No permanent road should be laid.
- c) Permanent structures should not be put up and instead wooden structures with aesthetic sense be taken up.
- d) The underground sump can be replaced with syntex tanks.
- e) In Application No. 04 of 2013 in the matter of O.Fernandes versus Union of India pending before NGT at Chennai, the Hon'ble NGT (SZ) has issued orders on 4th September 2015 that the PWD or any other agency shall not proceed with any work either by putting up sea wall or groyne until further orders from the Tribunal.

Hence, the Project Proponent is requested to submit fresh proposal to DCZMA as per the existing guidelines.

Agenda Item No.11 Project entitled "Construction of residential building in Plot No.36, New Survey No.91/62 (Old S.No.91/3) in Mamallapuram Village, Thirukalukundram Taluk, Chengalpattu district" proposed by Smt. Sailakshmi Sethuraman, Mamallapuram, Thirukalukundram Taluk, Chengalpattu district (Total cost of the project is Rs.3.25 crores)

The Authority resolved to send the proposal to DCZMA to act as per the powers delegated to the local Authorities, vide this office Proc. No.P1/443/2011, dated 16.02.2012, as the proposed built up area is below 20,000 Sq.mtr in CRZ-II area.

Agenda Item No.12 Proposed construction of Ice Plant Building & Storage in R.S. No.781/13 (p), Lakshmipuram Village, at Kottilpadu, Kallukottam Town Panchayat, Kalkulam Taluk, Kanyakumari district by the Thiru B. Ancel, Ramanputhooor, Kanyakumari district. (Total cost of the project is Rs.11.78 lakhs)

The Chairman observed that if we want to promote fishery activities, the authority may consider delegating powers to small commercial buildings to DCZMA as per the provisions of the CRZ notification, 2011.

The Authority resolved to form an Expert Committee to make field inspection to ascertain the following matters, with the following members:

Chairman - Advisor, M/s. Care Earth Trust, Chennai

Member - Director, NCSCM

Member Convenor - Joint Director, Fisheries Department, Kanyakumari

1. Whether the proposal addressed Zero liquid discharge facility.
2. Review on earlier clearances given under CRZ notification to other Ice Plants and its present status of functioning.

Agenda Item No.13 Proposed construction of Ice Plant Building & Storage in R.S. No.781/13 (p), 14, 15, 16B, Lakshmipuram Village, at Kottilpadu, Kallukottam Town Panchayat, Kalkulam Taluk, Kanyakumari district by the Thiru B. Gino, Ramanputhooor, Kanyakumari district (Total cost of the project is Rs.11.78 lakhs)

The Authority resolved to form an Expert Committee to make field inspection to ascertain the following matters, with the following members:

Chairman - Advisor, M/s. Care Earth Trust, Chennai

Member - Director, NCSCM

Member Convenor - Joint Director, Fisheries Department, Kanyakumari

1. Whether the proposal addressed Zero liquid discharge facility.
2. Review on earlier clearances given under CRZ notification to other Ice Plants and their present status of functioning.

Agenda Item No.14 **Proposed construction of Ideal Paradise (Hotel) at S.F.No. 306/1B1B6, 306/1B1B7, 306/1K, 306/1L, Keela Tiruchendur Village, Tiruchendur Taluk, Thoothukudi district by Thiru G. Arulraja, Thiru G. Amoseraja and Thiru G. Aaron Raja Anand, Udangudi, Thoothukudi district (Total cost of the project is Rs.2.34 crores)**

The Authority resolved to recommend the proposal to the Ministry of Environment, Forests and Climate Change, Government of India subject to the following conditions:

- a) The proponent should obtain assurance from the Tiruchendur Spl. Grade Town Panchayat for the underground Sewerage System, if not the Proponent should include Sewage Treatment Plant facility in the proposal.
- b) 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.
- c) The proponent should address Solid waste management and in particular food waste management.
- d) The Project Proponent shall develop green belt to the maximum extent within the premises in consultation with the District Forest Officer of the Forest Department.
- e) The Project Proponent shall install rooftop solar panels for the generation and utilization of electricity for its premises to the maximum extent possible.
- f) The Project Proponent should obtain planning permission approval for their proposed activity from the Department of Town and Country Planning.
- g) Consent to Establish and Consent to Operate from Tamil Nadu Pollution Control Board should be obtained.
- h) The structural engineering of the proposed constructions shall be designed to withstand in the event of earth quakes.
- i) There should not be any ground water extraction in CRZ.

- j) Adequate Rain Water Harvesting structures shall be created for water percolation and to harvest the rainwater to the maximum extent possible.
- k) The Project Proponent shall provide LED lighting arrangement for the entire premises to save electricity power consumption.
- l) No construction activity shall be started / undertaken by the proponent until obtaining the CRZ clearance from the competent authority.
- m) Statutory Clearances, if any, required from the concerned Competent Authority concerned should be obtained, prior to the commencement of the activities.
- n) The Project Proponent should remit 2% on the total project cost to Environment Management Agency of Tamil Nadu (EMAT) account, towards carrying out need based CER activities.

Agenda Item No. 15: Proposed Beach Resort and Convention Centre at S.No.14/3c2a and 14/3c2b of Deveneri Hamlet, Mamallapuram Village, Thirukazhukundram Taluk, Chengalpattu district by M/s. VGS Estates Pvt. Ltd., Nandanam, Chennai.35 (Total cost of the project is Rs.70 crores)

The Authority resolved to request the proponent to furnish the following additional details for clarification.

- a) The Proponent should furnish the exact built-up area as the built up area exceeds the 33% norms and seating capacity of the proposed Convention Centre.
- b) The Proponent should clarify the proposed building construction details with the overall height of the construction, as the MoEF & CC, GoI have issued in the Annexure-III of the CRZ Notification, 2011 that the overall height of the construction upto the highest ridge of the roof shall not exceed 9mts and the construction shall not be more than 2 floors (Ground Floor + 1 Upper Floor).
- c) The project proponent has not replied to the earlier query on the report to be procured from NIOT for location of the proposed desalination Plant mainly for the outfall area.
- d) A detailed report on the Sewage Treatment Plant facility should be furnished.

Agenda Item No. 16 **Proposed project of setting up of 60 MLD Desalination Plant at S.F.No.94/2, Koonimedu Village, Marakkanam Taluk, Villupuram district by TWAD Board, Kallakurichi (Total cost of the project is Rs.614.62 crores)**

The Authority resolved to recommend the proposal to the Ministry of Environment, Forests and Climate Change, Government of India subject to the following conditions:

- a) The Project Proponent shall obtain necessary clearance from the line departments such as building approval, Consent to Establish and the Consent to Operate from the State Pollution Control Board in time.
- b) The Project Proponent shall ensure that the Environmental Safeguards and Social safeguards proposed and effectively implemented before the completion of the project.
- c) The Project Proponent shall comply with the requirements of the wastes generated to scientifically dispose them as per the Solid Waste Management Rules, 2016, Construction and Demolition Waste, 2016 and Plastic Waste Management Rules, 2016 during the construction phase and the operation phase.
- d) The Project Proponent shall provide suitable environmental safeguard measures for intake and outfall system to ensure the marine aquatic systems and protected to the major extent and the excess salinity difference with respect to the desalination plant rejects to the marine outfall which shall reach the ambient salinity as desired within 100 meters to ensure the marine eco system is safe.
- e) The Proponent shall ensure proper quality of scientific dredging to minimize the impact during the laying of the pipelines for intake and outfall structures.
- f) The Proponent shall monitor the environmental quality in respect of seawater as per MoEF & CC guidelines during the construction and operational phases of the implementation.
- g) The Project Proponent shall install rooftop solar panels for the generation and utilization of electricity for its premises to the maximum extent possible.
- h) The Project Proponent shall provide LED lighting arrangement for the entire premises to save electricity power consumption.
- i) The Project Proponent shall provide rainwater storage / harvesting facilities to recharge the ground water.
- j) Periodical monitoring shall be carried out to assess the concentration of toxic trace metals in the reject water.

- k) The temperature and brine discharge of the effluent (reject water) shall be within the permissible limit.
- l) A moored data buoy shall be maintained in the vicinity of the effluent discharge to continuously monitor the changes in the selected physiochemical parameters.
- m) The Project Proponent shall provide proper stability to the marine outfall system with appropriate anchor so that it can withstand in cyclonic condition.
- n) The proposed intake and outfall activities in the sea shall not cause hindrance to the fishing activity, movement of boats etc.,
- o) The pipeline both intake and outlet shall not cause any hindrance to the movement of local communities including the fishermen.
- p) The pipeline shall not disturb the movement of fishing vessels or fishermen.
- q) Markers shall be installed at every 30 meters along the pipeline route to indicate the position of the line.
- r) It shall be ensured that due to the project, there is no adverse impact on the drainage of the area and recharge of groundwater shall be tapped in the project area.
- s) The project activity shall not affect the coastal eco system including the marine flora and fauna.
- t) The project proponent shall ensure that the desalination area shall be paved completely so that the seawater shall not gain access on ground leading to ground water pollution.
- u) The Project Proponent shall develop green belt to the maximum extent within the premises.
- v) Statutory Clearances, if any, required from the concerned Competent Authority should be obtained, prior to the commencement of the activities.
- w) There should not be any ground water extraction in CRZ.
- x) The Project Proponent should remit 1% on the total project cost to Environment Management Agency of Tamil Nadu (EMAT) account, towards carrying out need based CER activities.

Agenda Item No. 17: Laying of Petroleum & Petroleum products pipeline project from Ennore Port to Manali Industrial Area along the NCTPCL Compound Wall via Puzhuthivakkam, Ennore, Vallur, Athipattu, Kathivakkam, Eranvur, Manali, Tirvottiyur, Sathangadu & Sadayankuppam Village in Chennai district by M/s. IMC Limited, Chennai.18. (Total cost of the project is Rs.94.89 crores)

The Authority resolved to recommend the proposal to the Ministry of Environment, Forests and Climate Change, Government of India subject to after obtaining the details.

- a) The Proponent should maintain the depth of the pipeline in the Ennore Creek mouth (CRZ-IVB) at 15m below sea bed instead of 8 m as mentioned during the presentation to avoid pipeline damages, in case of any dredging works to be proposed in future by the Government.
- b) The Proponent should incorporate Oil Spill Management Plan in the proposal.

Further, the Proponent should also adhere the following conditions:

- a) The Project Proponent shall obtain necessary clearance from the line departments such as building approval, Consent to Establish and the Consent to Operate from the State Pollution Control Board in time.
- b) Operation and maintenance of Pipeline should be monitored through Supervisory Control and Data Acquisition (SCADA) System round the clock.
- c) Sectionalizing Valves shall be provided as per the Population Density Index (PDI) classification and PNGRB (Petroleum & Natural Gas Regulatory Board) guidelines and the same shall be managed properly.
- d) The Project Proponent should certify that they have not yet commenced the work, in CRZ.
- e) Environmental related caution boards, especially indicating the Do's and Don'ts should be erected along the pipeline alignments at a fixed distances and also wherever necessary.
- f) The unit should always have the preparedness to meet the unforeseen events such as accidents, natural calamities etc.,
- g) Training and mock drills should be given to the employees and also to the public to handle emergencies/ accidents duly.
- h) The project proponent shall undertake the establishment of the facility and laying of pipeline, only after getting the required statutory clearances.

- i) The Project should not in any way affect the fishing activities and also should not hinder the livelihood of the Fishermen.
- j) Adequate Green belt shall be developed and the green cover shall be extended to the vacant areas of the project site to the maximum extent possible.
- k) The Project Proponent should remit 2% on the total project cost to Environment Management Agency of Tamil Nadu (EMAT) account, towards carrying out need based CER activities.

Agenda Item No.18 : Establishing of 10 MLD Capacity Desalination Plant at R.S. No.355, Mullakadu Village, Thoothukudi Taluk, Thoothukudi District by M/s. Tamil Nadu Generation and Distribution Corporation Ltd., (TANGEDCO) Chennai (Total cost of the project is Rs.98.12 crores)

The Authority resolved to recommend the revised proposal (The Desalination outfall pipe should be 3 km and also away from the ash pond) to the Ministry of Environment, Forests and Climate Change, Government of India subject to the following conditions:

- a) No future proposal for another 40 MLD desalination plant as requested earlier.
- b) All the provisions of the CRZ Notification, 2011 shall be adhered with.
- c) 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.
- d) The clearances/ approvals from the Revenue Department / Tamil Nadu Maritime Board for laying of pipeline in the areas under their control shall be obtained before the commencement of the establishment.
- e) The project proponent shall not draw any groundwater in CRZ area, under any circumstances.
- f) The project proponent shall remit the taxes payable to the Thoothukudi Municipal Corporation such as Vacant Land Tax and Property Tax, as and when such demands are made.

- g) The project proponent shall not 'use and throwaway plastics' such as plastic sheets used for food wrapping spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bags and plastic flags irrespective of thickness, within the industry premises. Instead unit shall encourage use of ecofriendly alternative such as banana leaf, areca nut palm plate, stainless steel glass, porcelain plates / cups, cloth bag, jute bag etc.,
- h) The project proponent shall undertake continual awareness programme against the use of 'use and throw plastic' items, within the premises and also at the community level, by erecting display boards depicting the environmental hazards of plastics, alternates to plastics, etc.,
- i) The Project Proponent shall obtain necessary clearance from the line departments such as building approval, Consent to Establish and the Consent to Operate from the State Pollution Control Board in time.
- j) The Project Proponent shall ensure that the Environmental Safeguards and Social safeguards proposed and effectively implemented before the completion of the project.
- k) The Project Proponent shall comply with the requirements of the wastes generated to scientifically dispose them as per the Solid Waste Management Rules, 2016, Hazardous Waste Management Rules, 2016, Construction and Demolition Waste, 2016 and Plastic Waste Management Rules, 2016 during the construction phase and the operation phase.
- l) The Proponent shall monitor the environmental quality in respect of seawater as per MoEF & CC guidelines during the construction and operational phases of the implementation.
- m) The Project Proponent shall install rooftop solar panels for the generation and utilization of electricity for its premises to the maximum extent possible.
- n) The Project Proponent shall provide LED lighting arrangement for the entire premises to save electricity power consumption.
- o) The Project Proponent shall provide rainwater storage / harvesting facilities to recharge the ground water.
- p) Periodical monitoring shall be carried out to assess the concentration of toxic trace metals in the reject water.
- q) The temperature of the effluent (reject water) shall be within the permissible limit.

- r) A moored data buoy shall be maintained in the vicinity of the effluent discharge to continuously monitor the changes in the selected physiochemical parameters.
- s) The Project Proponent shall provide proper stability to the marine outfall system with appropriate anchor so that it can withstand in cyclonic condition.
- t) The Project Proponent shall develop green belt to the maximum extent within the premises.
- u) Statutory Clearances, if any, required from the concerned Competent Authority should be obtained, prior to the commencement of the activities.
- v) The Project Proponent should remit 2% on the total project cost to Environment Management Agency of Tamil Nadu (EMAT) account, towards carrying out need based CER activities.

Agenda Item No.19 **Development / Improvement of 7 Infrastructure facilities at Chennai Port proposed by M/s. Chennai Port Trust, Chennai.** (Total cost of the project is Rs.905.59 crores)

The Authority resolved to take up the proposal in the next meeting subject to clearing the following queries:

- a) The Tank Farms store oil but are very close to the sea. Details of precautions taken to prevent oil spill as already an incident had been occurred in the Ennore Port.
- b) If the debris are dumped into the sea, the benthic organisms would be affected hence these building debris cannot be dumped into the sea.
- c) The recommendation of the Pune Institute is not accepted and the project proponent should consult IIT Madras.
- d) No waste can be dumped into the sea as the marine habitat will be choked hence proper disposal method has to be mentioned in the proposal.
- e) The project proponent has to mention the waste from all the 7 infrastructure activities to be taken up. This should include the Quantity or the number of Lorry loads of the waste or iron scrap to be disposed from the site along with the disposal method and also the monitoring mechanism. CCTV camera may be installed for monitoring with control room where recording can be done. TNPCB can visit and monitor it.
- f) The project proponent should furnish the details of EIA for each activity to be taken up separately.

Agenda Item No.20 : Requesting instructions from the Authority on the demolition of unauthorized building in CRZ area, w.r. to the Application No. 278 of 2017 before the Hon'ble NGT (SZ).

The authority resolved to request the Government to issue suitable directions under Section 5 of the Environmental Protection Act 1986 to the District Collector, Kanniyakumari to take action as per NGT order.

Agenda Item No.21 Golf Course Project Tamil Nadu by M/s Sporting Pastime India Limited at Odhiyur hamlet of Mudaliyarkuppam Village, Cheyyur Taluk, Kancheepuram District (Now Chengalpattu district) - To retain in CRZ III

The technical scrutiny committee for CZMP formed by MoEF&CC under the chairmanship of Dr Shailesh Nayak has sought recommendation of TNSCZMA in respect of sand dunes in the proposed site.

The Authority resolved to send the following comments to MoEF&CC

- a) The project was already cleared by NCZMA under CRZ III on 9.10.2002. The authority felt that once a Project has been approved by the NCZMA based on the existing map, a later date change in the map should not adversely affect the proponent to undertake activities already approved.
- b) The DCZMA Kancheepuram has reported that the physical features like the sand undulations that look like sand dunes are artificially created for the golf course.
- c) As per TNSCZMA resolution in its 111th meeting held on 13.01.2021 the project proponent has submitted Joint Inspection Report carried out by IRS, Anna University and Deltaic Regional Centre of National Institute of Hydrology, Kakinada. The report states as follows:-

"By referring the CZMP of 1991, approved CZMP of 2011 and series of satellite remote sensing imagery (January 2002, April 2005, October 2010, March 2015, Aug 2017 and May 2021) it can be concluded that

- I. Satellite based imagery is not suitable for preparing sand dune maps.
- II. HTL and LTL of CZMP of 1991 may be retained without any change in 2011 CZMP also in the vicinity of the site"

Other decisions taken by the Authority:

The Authority mentioned that clear guidelines for discharge of desalination Plant regarding distance of outfall, temperature to be maintained and the concentration of brine may be obtained from NIOT.

A circular to all Departments may be put up on the provisions of the CRZ Notification, 2011.

Sd./-xxxx

Tmt. P. Rajeswari, I.F.S.,
Member Secretary, TNSCZMA &
Director, Dept. of Environment,
Chennai - 15.

Sd./-xxxx

Tmt. Supriya Sahu, I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept., Chennai-9.