

## **MINUTES OF THE 305<sup>th</sup> MEETING OF THE EXPERT APPRAISAL COMMITTEE FOR PROJECTS RELATED TO COASTAL REGULATION ZONE HELD ON 04/08/2022**

The 305<sup>th</sup> meeting of the Expert Appraisal Committee for projects related to Coastal Regulation Zone was held on 4<sup>th</sup> August, 2022 through Video Conferencing due to the prevalent pandemic situation. The list of Members presents in the EAC (CRZ) is at Annexure.

### **1. OPENING REMARKS OF THE CHAIRMAN**

At the outset, Dr. Deepak Arun Apte, Chairman, EAC (CRZ) welcomed the Members of the EAC and requested Dr. H. Kharkwal, the Member Secretary of the EAC to initiate the proceedings of the meeting with a brief account of the activities undertaken by the Ministry under CRZ Division.

### **2. CONFIRMATION OF THE MINUTES OF THE LAST MEETING**

The Committee noted that the Minutes of the 303<sup>rd</sup> meeting held on 20<sup>th</sup> July, 2022 are in order and confirmed the same with suggestions that in case any typographical / grammatical errors are noticed in due course, the same may be corrected suitably. The Committee recommended for factual correction in the minutes of the meeting for the agenda item as under:-

#### **Correction in the minutes**

#### **Item No. 3.4**

**Development of Hotel, Resort and Recreational Activities at R.S.No.51/2, Pudukuppam Village, Poomankuppam Revenue Village, Ariyankuppam Commune Panchayat, Puducherry by M/s Jayaram Hotel Private Limited, Puducherry-CRZ Clearance. [IA/PY/CRZ/2816122022] [F.NO.11/28/2022-IA.III]**

The proposal for CRZ clearance to the project for Development of Hotel, Resort and Recreational Activities at R.S.No.51/2, Pudukuppam Village, Poomankuppam Revenue Village, Ariyankuppam Commune Panchayat, Puducherry by M/s Jayaram Hotel Private Limited has been recommended by the EAC in its meeting 303<sup>rd</sup> meeting held on 20<sup>th</sup> July, 2022.

2. The project proponent has recommended for correction in the minutes of the meeting regarding waste generation quantity.

3. The Committee noted that it is a factual correction and accordingly recommended for correction in the minutes as under:

*“The waste generation during the operation phase shall be read as 135kg/day instead of 22.5kg/day”*

### **3. AGENDA WISE CONSIDERATION OF PROPOSALS:**

Agenda wise details of proposals discussed and decided in the meeting are as following:

## **RECONSIDERATION OF PROPOSALS:**

### **Agenda No. 3.1**

**Laying pipeline from Q4 jetty to POL terminal of IOCL at Willingdon Island, Kochi, Kerala by M/s Indian Oil Corporation Limited (IOCL)-CRZ Clearance IA/KL/CRZ/234606/2021] [F.NO.11/15/2022-IA.III]**

***“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of the data/information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”***

1. The project proponent and their consultant made a detailed presentation of salient features of the project and informed that:
  - (i). The proposal is for CRZ clearance to the project for laying pipeline from Q4 jetty to POL terminal of IOCL at Willingdon Island, Kochi, Kerala by M/s. Indian Oil Corporation Limited (IOCL).
  - (ii). Indian Oil Corporation Limited (IOCL) has POL Terminal at Willingdon Island in the leased land from Cochin Port Trust and using BTP (Boat, Train, Pier) jetty of Cochin Port for their product receipt. This creates a high occupancy of berth at BTP jetty during the tourist season.
  - (iii). In order to maintain the business interest of both Port and IOCL, Cochin Port has advised IOCL to shift tanker receipt pipeline from BTP jetty to Q4 jetty. This Q4 jetty already has receipt pipelines of other private players like M/s Ganesh Benzo Plast, M/s HHA and M/s Konkan. Thus, Q4 jetty become dedicated oil jetty with fire fighting facilities.
  - (iv). The proposed project site is located in Survey No. 2578/4, Thoppumpady Village, Kochi Taluk, Ernakulam District. Latitude: 9°57'38.34"N to 9°57'56.86"N and Longitude: 76°15'55.05"E to 76°15'44.46"E.
  - (v). Land acquisition is not required for the proposed project, as the project will be established in the leased area of Cochin Port.
  - (vi). The proposed project consists of laying of four pipelines of 10 inch diameter each. Length of each pipeline is 1 km.
  - (vii). Products to be handled in 4 pipelines are ATF (Aviation Turbine Fuel), HFHSD (High Flash High Speed Diesel), FO (Furnace Oil) and VLSFO (Very Low Sulphur Fuel Oil). ATF is Class B product and HFHSD, FO, VLSFO are Class C products.
  - (viii). Pipelines would be above ground only, except for road crossings and railway crossing. New pipelines would be provided with Cathodic Protection (CP) system.
  - (ix). Estimated Cost of the Project is ₹737 Lakhs. Duration of the Project is 18 months. The budget estimated for the environment management measures is ₹8.90 Lakhs.

- (x). The proposed project site falls under CRZ II (287.2 m<sup>2</sup>) and CRZ IVB (412.5 m<sup>2</sup>) as per the CRZ status report prepared by Institute of Remote Sensing (IRS), Anna University, Chennai. The CRZ area falling in the proposal has already been developed for Cochin Port Operations.
- (xi). Consent to Establish (CTE) no. G21ERRCTE339311 valid up to 25/02/2026 has been obtained from Kerala State Pollution Control Board (KSPCB).
- (xii). M/s. ULTRA TECH Environmental Consultancy has been entrusted by IOCL, to prepare Rapid Environmental Impact Assessment (EIA) report for the proposed project.
- (xiii). Benefits of the project:
  - (a). Proposal of new pipelines would make the product receipt much easier.
  - (b). Will help to maintain supply demand of products and thus accelerates industrial growth.
  - (c). Q4 Jetty will become dedicated oil jetty with fire fighting facilities.

2. The proposal was earlier considered by the EAC in its meeting held on 27<sup>th</sup> April, 2022. The EAC noted that the project proponent has not submitted any EIA/EMP report as per the CRZ Notification, 2011 for consideration of the Kerala CZMA to appraise and recommend the proposal.

The Committee noted that the PP has got recommendation made by the Kerala Coastal Zone Management Authority earlier *vide* letter no. 1620/A1/2021/KCZMA dated 30/09/2021 and *vide* letter No. 1191/A1/2022//KCZMA dated 19/07/2022 based on examination of the EIA report. The Committee found the additional information and documents submitted by the PP to be satisfactory.

### 3. **Deliberations in the EAC:**

The Committee made detailed deliberation on the proposal. The Committee noted that the PP has POL Terminal and using BTP (Boat, Train and Pier) jetty of Cochin Port for their product receipt. The Cochin Port has advised the PP to shift tanker receipt pipeline from BTP jetty to Q4 jetty, to avoid congestion and for safety of tourists and other passengers. The informed the Committee that the Q4 jetty has dedicated oil jetty with firefighting facilities, which will cater to the requirement of proposed pipeline also. The PP hence proposes laying pipeline from Q4 jetty to POL terminal.

The Committee noted that the total length of pipelines in CRZ area is 193.55 m (CRZ II-72.25 m, CRZ IV B-121.3 m) and outside CRZ area is 719.45 m. Pipelines under tar road will be laid at a depth of 2.24 m below road level. Pipelines under railway track will be laid at a depth of 1.70 m below ground level and enclosed in 0.5 m diameter hume pipe. Pipelines will be laid at a depth of 1.45 m below ground level for other sections. Above ground pipes are mounted on structural racks.

As per the CRZ Notification 2011, laying of pipeline is a permissible activity in CRZ areas and the proposed project does not require environment clearance as per the EIA Notification, 2006.

***The Committee after detailed deliberations and considering the submissions made by the project proponent recommended the proposal for CRZ Clearance, subject to the following conditions:***

- (i). All construction shall be strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.
- (ii). Proponent must strictly adhere to OISD/PESO guidelines and latest safety features to be included in maintenance and operations of the pipeline.
- (iii). No groundwater shall be extracted within the CRZ area to meet the water requirements during the construction and / or operation phase of the project.
- (iv). Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.
- (v). The site shall be restored to its near original condition after completion of construction of work.
- (vi). The recommendation made by the Kerala Coastal Zone Management Authority vide letter no. 1620/A1/2021/KCZMA dated 30/09/2021 and vide letter No. 1191/A1/2022//KCZMA dated 19/07/2022, shall be implemented in letter and spirit.
- (vii). All necessary clearance from the concerned Authority, as may be applicable should be obtained prior to commencement of project or activity.

### **Agenda No. 3.2**

**Establishment of 10 MLD Desalination plant at R.S.No.355, Mullakadu Village, Thoothukudi Taluk, Thoothukudi District, Tamil Nadu by M/s Tamil Nadu Generation and Distribution Corporation Ltd (TANGEDCO) -CRZ Clearance IA/TN/CRZ/261055/2022] [F.NO.11/14/2022-IA.III]**

***“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of the data/information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”***

1. The project proponent and their consultant made a detailed presentation of salient features of the project and informed that:
  - (i) The proposal is for CRZ clearance to the project for Establishment of 10 MLD Desalination plant at R.S.No.355, Mullakadu Village, Thoothukudi Taluk, Thoothukudi District, Tamil Nadu by M/s Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO).
  - (ii) Project/ activity is a permissible as per CRZ notification, 2011, vide Para 4(i) (a), Para 8 I CRZ I (i) (b) and 8 II CRZ II (v).
  - (iii) The Tamil Nadu Coastal Zone Management Authority has recommended the proposal for CRZ clearance vide its Letter No. P1/2626/2019 dated 22/02/2022.
2. The proposal was earlier considered by the EAC in its meeting held on 27<sup>th</sup> April, 2022. The Committee noted that proponent has not provided sufficient information about EIA

report specially water quality parameter at outlet point and also observed that there is an information discrepancy and not provided clear information about different CRZ areas where project lies, and power requirement etc. The Committee desired that PP submit shall provide original proposal submitted to TCZMA, water quality and ecology data at the adjoining areas of outlet and brine dispersion study.

### 3. **Deliberations in the EAC:**

The Committee made detailed deliberation on the proposal. The Committee noted that the PP could not provide the data and information desired by the EAC in its earlier meeting. The Committee suggested that the PP shall revisit the data presented and shall make additional sampling and make predictive modelling.

***The proposal is accordingly deferred for additional information/inputs for the following:***

- (i). *Copy of original proposal submitted to TNCZMA.*
- (ii). *Brine dispersion study.*
- (iii). *Water quality and ecology data at the adjoining areas of outlet.*
- (iv). *Predictive modelling on dispersion*

## **FRESH PROPOSALS**

### **Agenda No. 3.3**

**Landing of India Asia Xpress (IAX) Cable System and Construction of Beach Manhole at Santhome High Rd, Basha Garden, Mylapore, Chennai, Tamil Nadu by M/s Reliance Jio Infocomm Ltd -CRZ Clearance  
[I/ATN/CRZ/283131/2022] [F.NO.11/29/2022-IA.III]**

***“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of the data/information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”***

1. The project proponent and their consultant made a detailed presentation of salient features of the project and informed that:
  - (i). The proposal is for CRZ clearance to the project for Landing of India Asia Xpress (IAX) Cable System and Construction of Beach Manhole at Santhome High Rd, Basha Garden, Mylapore, Chennai, Tamil Nadu by M/s Reliance JioInfocomm Ltd.
  - (ii). The India-Asia Xpress (IAX) Cable System consists of twelve cable landings in five countries with the main trunk from Tuas (Singapore) to Mumbai (India) and branches to Chennai, (India), Matara (Sri Lanka), Satun (Thailand), and Morib (Malaysia).
  - (iii). Cable in Chennai will land at Santhome High Rd, Basha Garden, Mylapore, Chennai, Tamil Nadu 600 004. Coordinates of the BMH site are 13° 1'24.5208"N and 80°16'42.8124"E. A beach manhole (BMH) measuring 3.6 m Long x 2m Wide x 2.1m Depth will be constructed for housing the cable.

- (iv). Cable from BMH will be connected to the cable landing station located at 13° 1'3.198"N and 80°16'21.25"E in Chennai.
- (v). Cable landing point at sea edge, BMH and cable route from landing point to BMH and from BMH towards cable landing station till 500 m from HTL will fall under CRZ area as defined under the CRZ Notification, 2011 as amended. As per study conducted by Anna University, cable route falls under CRZ II, CRZ I-A, CRZ IB and CRZ IVA area.
- (vi). Details of landing site given below:

S. No.	Cable Components	Details
1	BMH Location	13° 1'24.5208"N 80°16'42.8124"E. Santhome High Rd, Basha Garden, Mylapore, Chennai, Tamil Nadu.
2	BMH Size	3.6m Long x 2m Wide x 2.1m Depth
3	Project Proponent	Reliance JIO Infocomm Limited (RJIL)
4	Target Burial Depth (below seabed)	Segment 1.18 is 499.322 km long and connects BMH Chennai, India to BU4b of water depth 3500 m. The route shall be buried from the shore to KP 86.114 (water depths <1500m). Thereafter, the cable shall be surface laid in SPA along the continental slope into deep water.
5	Submarine Cable Length (segment S8)	499.322 Km
6	Cable Landing Station (CLS)	13° 1'3.198"N and 80°16'21.25 Leela information Technology Park MRC Nagar 1st Lane, MRC Nagar, Raja Annamalai Puram, Chennai, Tamil Nadu (Outside CRZ Area)
7	Project Cost	₹ 28.0 Crores

- (vii). The BMH construction would take place at Santhome High Rd, Basha Garden, Mylapore, Chennai, Tamil Nadu. The coordinates of the proposed BMH location is 13° 1'24.5208"N 80°16'42.8124"E. This proposed BMH site of Beach is not used for recreation. Beach operation including construction of BMH and cable route and termination of cable will take 1-2 weeks. After installation, Beach will be restored to its original state.
- (viii). The Tamil Nadu Coastal Zone Management Authority has recommended the proposal for CRZ clearance *vide* its Letter No. 8129/EC.3/2022 dated 30/05/2022.

## 2. Deliberations in the EAC:

The Committee made detailed deliberation on the proposal. The Committee observed that the project is important for network connectivity of India with other parts of the world. The Committee suggested that BMH locations shall avoid the eroding areas, which would ultimately lead to destruction of facilities. The Committee also suggested that considering increasing number of international cable landing in the Chennai coast,

Government shall make appropriate corridor for laying of such cables in the coastal area for better management and to avoid conflict with other stakeholders.

***The Committee after detailed deliberations and considering the submissions made by the project proponent recommended the proposal for CRZ Clearance, subject to the following conditions:***

- (i). All construction shall be strictly in accordance with the provisions of the CRZ Notification, 2011, as amended from time to time.
- (ii). No groundwater shall be extracted within the CRZ area to meet the water requirements during the construction and/or operation phase of the project.
- (iii). Any temporary physical infrastructure setup and excavated material, if any, during underground electrical cabling shall not be dumped in water bodies or adjacent areas and the site shall be restored to its original condition after completion of construction of work.
- (iv). Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.
- (v). All the conditions stipulated by the Tamil Nadu Coastal Zone Management Authority for CRZ clearance *vide* its letter No. 8129/EC.3/2022 dated 30/05/2022, and commitments made by the PP before the CZMA and EAC shall be followed in letter and spirit.
- (vi). All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

#### **Agenda No. 3.4**

**Construction of Chandipur Fishing Harbour in Balaramgadi Village, Balasore District, Odisha by M/s Fisheries & Animal Resource Development Department, Government of Odisha-CRZ Clearance**

**[IA/OR/CRZ/283368/2022] [F.NO.11/30/2022-IA.III]**

***“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”***

The project proponent and their consultant made a detailed presentation of salient features of the project and informed that:

- (i). The proposal is for CRZ clearance to the project for Construction of Chandipur Fishing Harbour (23400 TPA Fish handling Capacity) in Balaramgadi Village, Balasore District, Odisha by M/s Fisheries & Animal Resource Development Department, Government of Odisha.
- (ii). The Fishing Harbour is proposed at Southern Bank of Budhabalanga River (Latitude- 21° 47' 32"N, Longitude- 87° 5' 42" E) at a distance of about 17 Km from Balasore Town and 2 Km away from river mouth of Bay of Bengal.

- (iii). An area of 55.01 acres was allocated for the proposed project. Out of 55.01 acres (5,50,100 sq. m), the Fishing Harbour is proposed in 17.11 acres (69250 sq. m) and the remaining area is open for future development.
- (iv). Authenticated CRZ map and CRZ report obtained on 27.04.22 from IRS, Anna University. EIA/EMP report prepared by M/s ABC Techno Labs India Pvt. Ltd, Chennai. Consent to establish (NOC) has been obtained from OSPCB.
- (v). 60 kWh/Day loads will be required for operation / illumination of Harbour Complex. The Power Supply will be made available from Tata Power Northern Odisha Distribution Ltd. (TPNODL).500 KVA x 2 Nos. DG Set Capacity as stand by.
- (vi). The Total Water Requirement for the proposed project is about 210 KLD. Portable water of 102 KLD will get through Rural Water Supply System (RWSS). Other uses like toilet block, Saline water overhead tank, fish cleaning and sorting and other sanitation purposes which sums up to 108 KLD will be utilized from Budhabalanga river.
- (vii). The generated waste water will be treated through the proposed Effluent Treatment Plant & Sewage Treatment plant of capacity 100 KLD & 75 KLD respectively.
- (viii). Effluent collected from the fish handling and auction hall will be treated recycle at the end of the sewers would be given secondary treatment in a specially built Effluent treatment facility. The proposed fishery harbour provides a plot of area 743.75 Sq.m. for setting up this facility.
- (ix). As per the CRZ Notification 2019, the proposed activities are permissible under CRZ- I B under section 5.1.2 – (i), (ii), (vii), (ix) & (x); CRZ– II under section 5.2 – (i); CRZ– IV under section 5.4 – (i), (ii), (iii) & (vii).
- (x). The proposal was placed in the 41<sup>st</sup>Odisha Coastal Zone Management Authority (OCZMA) Meeting held on 18/05/2022; accordingly OCZMA recommended the project to MOEF&CC for obtaining the CRZ Clearance.
- (xi). The Odisha Coastal Zone Management Authority has recommended the proposal for CRZ clearance *vide* its Letter No. OCZMA/18/2022/100/OCZMA dated 05/07/2022.

## 2. **Deliberations in the EAC:**

The Committee made detailed deliberation on the proposal. The Committee observed that the proposed project envisages accommodating 550 mechanised fishing vessels comprising 100 numbers of 9.0 m motorized craft, 150 numbers of 12.0 m trawlers and 300 numbers of 14.0 m trawlers. The project would be implemented over four years and comprise provision of safe landing and berthing facilities for Mechanized Fishing Vessels (MFVs) to operate throughout the fishing season, and construction of shore based establishments and organization of distribution and marketing arrangements for prawn and fish products through the Fishery Terminal Organization (FTO). The project proponent has informed that as per the report of the Chief Wildlife Warden, there is no impact anticipated on the Horseshoe crab habitat.

The Committee is informed that as per the EIA Notification, 2006 as amended on 14<sup>th</sup> July, 2022, environmental clearance is not required for the proposed Harbour project.

***The Committee after detailed deliberations and considering the submissions made by the project proponent recommended the proposal for CRZ Clearance, subject to the following conditions:***



- (i). All construction shall be strictly in accordance with the provisions of the CRZ Notification, 2019, as amended from time to time.
- (ii). No groundwater shall be extracted within the CRZ area to meet the water requirements during the construction and/or operation phase of the project.
- (iii). Any temporary physical infrastructure setup and excavated material, if any, during dredging shall not be dumped in water bodies or adjacent areas and the site shall be restored to its original condition after completion of construction of work.
- (iv). Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.
- (v). The project proponent shall undertake measures for conservation of Horseshoe crab habitat.
- (vi). Effluent treatment facility shall be set up for handling effluents during operation of the harbour.
- (vii). All the conditions stipulated by the Odisha Coastal Zone Management Authority for CRZ clearance *vide* its letter No. OCZMA/18/2022/100/OCZMA dated 05/07/2022, and commitments made by the PP before the CZMA and EAC shall be followed in letter and spirit.
- (viii). All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

### **Agenda No. 3.5**

**Construction of Resort at Village Kambaliwada, TalukaVengurla, District Sindhudurg, Maharashtra by M/s NGIT Resorts-CRZ clearance.  
[IA/MH/CRZ/284793/2022] [F.NO.11/31/2022-IA.III]**

***“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”***

The project proponent and their consultant made a detailed presentation of salient features of the project and informed that:

- (i). The proposal is for CRZ clearance to the project for Construction of Resort at Survey No. 2, Hissa No. 2, 3 & Survey No. 19, Hissa No. 7, 8 & 9, Village Kambaliwada, Taluka Vengurla, District Sindhudurg, Maharashtra by M/s NGIT Resorts promoted by Shri. Neil Gogte.
- (ii). The project site is situated in CRZ III area. The construction of resort is proposed beyond 200 meter from the HTL of the Seafront, as per provision of the CRZ Notification, 2011, no construction is allowed within 200 meter in CRZ III area. The project is in ccompliant to guidelines for development of resorts in the designated areas of CRZ-III.

- (iii). CRZ mapping of the project site has been carried out by the National Centre for Sustainable Coastal Management, Chennai. EIA report prepared by MITCON Consultancy and Engineering Services Ltd.
- (iv). Land available for the proposed Resort is 10340 Sq. M. Proposed total build up area is 4253.59 Sq. M. Maximum height of the building is 9 M. Project Cost is ₹5.7 crores. It is proposed to keep 1034 Sq. m. area for green area additionally with 10% mandatory open area.
- (v). Considering development of resort, total 333 populations will require 60m<sup>3</sup>/day fresh water. Total water demand for proposed resort is considered by assuming 180 lit/person/day.
- (vi). The main fuel for the proposed project is diesel (HSD) which is required for DG sets, construction machinery and other vehicles. HSD requirement for 20 KVA D.G. rating will be 8-10 Litres/hr. which will be met through local diesel pumps of nearby area.
- (vii). Power Requirement (During construction- 5 KW, During Operation- 20 KW) will be met from MSEDCL. Standby DG sets will also be provided in case of MSEDCL power failure.
- (xii). The Maharashtra Coastal Zone Management Authority has recommended the proposal for CRZ clearance *vide* its Letter No. CRZ 2021/CR 92/TC 4 dated 18/07/2022.

## 2. **Deliberations in the EAC:**

The Committee made detailed deliberation on the proposal. The Committee suggested that the PP shall submit plan/ information on greenbelt development with native species, how to reduce electricity dependency from the power grid by using renewable energy sources. The Committee also suggested to submit the status, how PP is following conditions as specified in the guidelines of Annexure-III of CRZ Notification 2011 i.e. height of building, floors to constructed, development of vacant plot in designated areas for construction of hotels or beach resorts for tourists or visitors etc. and also how to comply local town and country planning rules. The Committee also suggested that the PP shall submit a revised CRZ map and undertaking and same also upload on Parivesh portal for official record. The proposal is accordingly deferred for additional information / inputs for consideration for the next meeting.

### **Agenda No. 3.6**

**Proposal for development of City Gas Distribution Network (laying of Pipelines and Development of Infrastructure) in the Geographical area of Karaikal & Nagapattinam Districts (NG pipelines crossing the rivers and canals) of Length 20.04 Km from Thirumarugal to Henkal and Aliyur through Tittacheri, Valamangalam, Karaikal, Takkalur, Thirunallar, Thirumalairajanpattinam, Mudalimedu and Mel Vanjiyur in Karaikal Region UT of Puducherry and Mel Vanjiyur, Nagore, Pappancheri, Jaganathapuram, Puttur and Puravacheri in Nagapattinam Region, Tamil Nadu by M/s Torrent Gas Private Limited -CRZ Clearance [IA/TN/CRZ/282373/2022, F. No.11/32/2022-IA.III]**

***“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his***

**knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”**

The project proponent and their consultant made a detailed presentation of salient features of the project and informed that:

- (i). The proposal is for CRZ clearance to the project for Development of City gas distribution Network (Laying of Pipelines & Development of Infrastructure) 3 Nos. of Gas pipelines of 42.39 Km for Natural Gas distribution in Karaikal District (Puducherry State) and Nagapattinam District (Tamil Nadu State) Pipeline length falling under CRZ-3.26 Km via Tirumarugal to Henkel & Aliyur, through Tittacheri, Valamangalam, Karaikal, Takkalur, Tirunallar, Tirumalarajanpattinam, Mudalimedu & Mel Vanjiyur in Karaikal Region and Mel Vanjiyur, Nagore, Pappancheri, Jaganathapuram, Puttur & Puravacheri in Nagai Region by M/s Torrent Gas Pvt. Ltd.
- (ii). Total length of pipeline is 42.39 Km Length of pipeline under CRZ is 3.26 Km Length of pipeline in Non CRZ is 39.13 Km.
- (iii). The pipeline passes through CRZ-IB, CRZ – II, CRZ – III (NDZ) and CRZ – IVB in both Karaikal (Puducherry) and Tamil Nadu as under:-

S. No	Description	CRZ Classification	Tamil Nadu Length in Km	Karaikal Length in Km	Total Length in Km
1	Proposed Natural Gas Pipeline 1	CRZ – IB	0	0.09	21.46
		CRZ – II	0	1.08	
		CRZ – IV B	0	0.2	
		CRZ – III	0	0.33	
		Non - CRZ	7.8	11.96	
2	Proposed Natural Gas Pipeline 2	CRZ – IB	0.18	0	14.66
		CRZ – II	0.37	0	
		CRZ – III	0.64	0.09	
		CRZ – IVB	0.28	0	
		Non – CRZ	6.81	6.29	
3	Proposed Natural Gas Pipeline 3	Outside – CRZ	6.27	0	6.27

- (iv). CRZ map indicating HTL,LTL demarcation in 1:4000 scale is prepared by IRS Anna University, Chennai.
- (v). Water Requirement of the project as:

S. No	Description	Requirement (KLD)	
		Total Water	Fresh Water
1	Construction Phase: Domestic	1	1
2	Operation Phase: Domestic	0.5	0.5

(vi). Municipal Solid waste management details as:

Waste	Quantity (kg/day)		Collection Method	Treatment / disposal method
	Construction phase	Operation Phase		
Organic	2.7	3.51	Bins	Will be segregated and disposed in local Municipal bins
Inorganic	1.8	2.34	Bins	Authorized vendors

(vii). Power consumption details as:

Details	Capacity	Source
Power (kVA)	Construction phase : 2 x 150 kVA Operation phase: 150kVA through TANGEDCO (1x150 kVA DG as power backup)	DG set and TANGEDCO
Fuel (HSD for DG sets)	12 litres/hour	Near Diesel Retailers

(viii). The manpower Employment generation during construction phase will be about 10 Nos and operation phase will be 13 Nos.

Phase	Total (No's)
<b>Construction Phase (Temporary)</b>	10
<b>Operation Phase</b>	
Contract	10
TGPL (Permanent)	03

(ix). The Capital cost (EMP) of the project is ₹0.07 Crores of the total project cost which is ₹20 Crores.

(x). The Tamil Nadu Coastal Zone Management Authority has recommended the proposal for CRZ clearance *vide* its Letter No. P1/1763/2021 dated 28/06/2022 and the Puducherry Coastal Zone Management Authority has recommended the proposal for CRZ clearance *vide* its Letter No. 6362/DST&E/PCZMA/CLR/SCI/2021/373 dated 03/08/2021.

## 2. Deliberations in the EAC:

The Committee made detailed deliberation on the proposal. The Committee noted that the proposed project envisages development of city gas distribution covering two States and recommendations from concerned CZMA's has been obtained by the PP. The Committee suggested that the pipeline shall be laid exclusively by Horizontal Directional Drilling (HDD) method across canal, river, water bodies and CRZ areas.

The Committee noted that the laying of pipeline is a permissible activity in CRZ areas as per the CRZ Notification 2011 and also noted that project does not require environment clearance as per the EIA Notification 2006.

***The Committee after detailed deliberations and considering the submissions made by the project proponent recommended the proposal for CRZ Clearance to the project, subject to following conditions:***

- (i). All construction shall be strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.
- (ii). The pipeline shall be laid by Horizontal Directional Drilling (HDD) method across canal, river, water bodies and CRZ areas.
- (iii). Proponent must strictly adhere to OISD/PESO guidelines and latest safety features to be included in maintenance and operations of the pipeline.
- (iv). No groundwater shall be extracted within the CRZ area to meet the water requirements during the construction and / or operation phase of the project.
- (v). The project proponent shall ensure the natural flow of the Creek water in the project site.
- (vi). Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.
- (vii). Excavated material during the construction shall not be dumped in in the CRZ area.
- (viii). The site shall be restored to its near original condition after completion of construction of work.
- (ix). The recommendation made for CRZ clearance by the Tamil Nadu Coastal Zone Management Authority *vides* its Letter No. P1/1763/2021 dated 28/06/2022 and Puducherry Coastal Zone Management Authority *vides* its Letter No. 6362/DST&E/PCZMA/CLR/SCI/2021/373 dated 03/08/2021 shall be implemented in letter and spirit.
- (x). All necessary clearance from the concerned Authority, as may be applicable should be obtained prior to commencement of project or activity.

**4. Any other item with the permission of the Chair.**

**4.1 Discussion on Report of the Expert Appraisal Committee on Comprehensive Shoreline Protection Management Plan for Coast of Tamil Nadu.**

The Site visit report of the Expert Sub-Committee from 7<sup>th</sup> and 8<sup>th</sup> April 2022 regarding “Comprehensive Shoreline Protection Management Plan for Tamil Nadu Coast” was placed before the EAC for its acceptance. The EAC suggested in its 301<sup>st</sup> meeting held on 6<sup>th</sup> July 2022 that the site visit report may be forwarded to all EAC Members. Based on the inputs / comments received from Members the site visit report may be placed before EAC for further consideration. As no comments received on the report the Chairman made brief background of the site visit and discussion held with different Government Departments including consultant prepared report from IIT Chennai. After detailed discussion the Committee accepted the report and suggested to forward same to the State Government of Tamil Nadu for further implementation.

The meeting ended with a Vote of Thanks to the Chair.

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**List of Members participated during the 305<sup>th</sup> Expert Appraisal Committee (CRZ) Meeting through Video Conferencing (VC) held on 4<sup>th</sup> August, 2022.**

<b>Sl. No.</b>	<b>Name of Members</b>	<b>Designation</b>
1.	Dr. Deepak ArunApte	Chairman
2.	Shri Manmohan Singh Negi	Member
3.	Shri Sham Wagh	Member
4.	Shri S. Jeyakrishnan	Member
5.	Dr. Manoranjan Hota	Member
6.	Dr. M.V. Ramana Murthy	Member
7.	Dr. J. Chandra Babu	Member
8.	Prof V. K. Jain	Member
9.	Shri. R.P.S Verma	Member
10.	Dr. Niraj Sharma	Member
11.	Dr. H. Kharkwal	Member Secretary
12.	Dr. Nobi E. P	MoEFCC Scientist 'B'

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