

**MINUTES OF THE 277<sup>th</sup> MEETING OF THE EXPERT APPRAISAL COMMITTEE  
FOR PROJECTS RELATED TO COASTAL REGULATION ZONE HELD ON  
26<sup>th</sup> OCTOBER, 2021**

The 277<sup>th</sup> meeting of the Expert Appraisal Committee for projects related to Coastal Regulation Zone was held on 26/10/2021 held through Video Conferencing due to prevalent pandemic situation. The list of members presents in EAC given at **Annexure-I**.

The deliberations held and the decisions taken are as under:

## **2.0 CONFIRMATION OF THE MINUTES OF THE LAST MEETING**

The Committee having noted that the Minutes of the 276<sup>th</sup> meeting 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.

## **3.0 CONSIDERATION OF PROPOSALS**

### **RECONSIDERATION:**

#### **3.1 Proposal for laying of Natural Gas Transportation Pipeline with associated facilities from Umargam to Gholvad, District Palghar by M/s Gujarat Gas Limited - CRZ Clearance [IA/MH/CRZ/121306/2019] [F.NO.11/43/2019-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 proposal of M/s Gujarat Gas Limited Ltd, has submitted the proposal for laying of 12” dia. pipeline along with associated facilities for transportation of Natural Gas from Umargam, District Valsad, Gujarat to Gholvad, Maharashtra [IA/MH/CRZ/121306/2019] [F.No. 11-43/2019-IA III] - CRZ Clearance earlier in the 228<sup>th</sup> EAC held on 29/11/2019. In the said EAC neither the project proponent nor any of its representatives attended the meeting. The Committee therefore decided that the proposal may be deferred and considered at a later stage when the project proponent submits its request for taking up. Therefore, on request the proposal was again replaced in 229<sup>th</sup> EAC held on 27/01/2020. In the 229<sup>th</sup> EAC, the Committee noted that the proposal is incomplete and statutory required CRZ Map indicating HTL and LTL, demarcated by one of the authorized agencies in 1:4000 Scale with the project layout superimposed on the above map is missing. The Committee therefore declined to considering proposal in its present form. *Accordingly, the proposal was deferred for consideration at a later stage upon submission of all requisite documents*

Therefore, now the M/s Gujarat Gas Limited Ltd has again re-submitted the proposal and applied online with statutory requirement for laying of Natural Gas Transportation Pipeline with associated facilities from Umargam to Gholvad, District Palghar, Maharashtra. The project proponent made a presentation and submitted the following information in EAC(CRZ) as follows:

- (i) The proposed pipeline is interstate pipeline which passes through Maharashtra and Gujarat State.

- (ii) The length of pipeline is approximately 6.0km from villages Umargam, Dehri&Govada in Valsad District and the length of pipeline is approximately 6.6km from Zai, Bordi&Gholvad in Palghar District in Maharashtra State.
- (iii) Thus, out of 12.6km, Golvad Spur line 5.675km line is passing through the CRZ area; which categorized as CRZ-IA, CRZ-IB (Inter Tidal Zone), CRZ III (NDZ) and CRZ IVB.
- (iv) The details of pipeline falling in CRZ area is as follows:

<b>CRZ Category</b>	<b>Length (mt)</b>
CRZ-IA	5
CRZ IA-50m Mangrove Buffer Zone	134
CRZ-IB (Inter Tidal Zone)	242
CRZ-III(NDZ)	3342
CRZ-III (200 to 500 m from HTL)	1952
CRZ-IVB	0
<b>Total length of pipeline in CRZ Area</b>	<b>5675</b>

- (v) Total length of pipeline is 12.6km i.e.,Gholvad Spur line with 12” diameter.
- (vi) The village list for Gholvad Spur line is as follows:

<b>S. No.</b>	<b>Name of Village</b>	<b>Taluka</b>	<b>District</b>
1.	Umargam	Umargam	Valsad
2.	Dehri	Umargam	Valsad
3.	Govada	Umargam	Valsad
4.	Zai	Talasari	Palghar
5.	Bordi	Dahanu	Palghar
6.	Gholvad	Dahanu	Palghar

- (vii) The pipeline system is designed as per PNGRB T4S guideline for City Gas Distribution and ASME B 31.8.
- (viii) There will be no disturbance to any tidal influence water body/creek area of mangroves because of Horizontal Directional Drilling (HDD) method will be adopted at crossing of water body/river/creek.
- (ix) The water requirement is about maximum 15000 Lit/day during construction period and which comprises 2500 Lit/Day as Domestic water, and water uses during construction activities will be 12500 Lit/Day for Firefighting & Process/ Hydro testing, washing & cleaning and Spraying for dust suppression.
- (x) Used water will be nontoxic and will be utilized for gardening purpose.
- (xi) Green belt development will be done as per the guideline of the forest department applicable to this project.
- (xii) The proposed project layout was superimposed on the approved CZMP of the 1:4000 scale map, which was prepared by National Centre for sustainable Coastal Management, Chennai.
- (xiii) During the proposed project approximately 40 persons will be employed.
- (xiv) Government of Gujarat, Forest & Environment Department vide letter no FCA-1019/5-25/19/S.F-68-F dated 27.08.2019 issued approval for diversion of 0.1804 ha. Protected Forest land for laying 6 & 12 dia steel natural gas pipeline to supply the natural gas to Angam&GholvadSpurline various villages of Umargam Taluka of Valsad District in favour of Dy. Manager (RoU), Gujarat Gas Ltd., Ahmedabad.
- (xv) The total cost of project is ₹13.986 crores @ ₹11100 per meter.

- (xvi) The Gujarat Coastal Zone Management Authority has recommended the proposal for clearance *vide* its letter No. ENV-10-2019-5-E(T Cell), dated 02/07/2019.
- (xvii) The Maharashtra Coastal Zone Management Authority has also recommended the proposal for clearance *vide* its letter No. CRZ 2019/CR 5/ TC 4, dated 17/06/2019.

2. The Committee noted the variation in figures of length of pipeline in CRZ area as given in Annexure A i.e., project information details. The Committee suggested that revised and correct figure, KML file of project area, FC Stage-I Clearance etc. shall be submitted. The same has been submitted by project proponent via e-mail to all EAC Members including MoEF&CC on 26/10/2021.

3. Based on the deliberations held and submissions made, the Committee recommended the proposal for CRZ Clearance 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 will be laid exclusively through Horizontal Directional Drilling (HDD) method at crossing of water body/river/creek, mangrove 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) The project proponent shall ensure natural flow of the Creek water in the project site.
- v) No groundwater shall be extracted within CRZ area to meet the water requirements during the construction and / or operation phase of the project.
- vi) No excavated material during the construction shall be dumped in water bodies or adjacent areas. The site shall be restored to its near original condition after completion of construction of work.
- vii) No permanent labour camp, machinery and material storage shall be allowed in CRZ area.
- viii) Any temporary physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project.
- ix) All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.
- x) All recommendation provided by GCZMA will be implemented in totality.

### **3.2 Proposal for additions, alterations and reconstructions of building Wing B of the existing Hospital Known as St. Elizabeth Nursing Home on plot bearing CS No. 192 and 1/193 of Malbar Cumala Hill Division in D Ward, Mumbai by St. Elizabeth Hospital -CRZ Clearance**

[IA/MH/CRZ/229009/2021] [F.No.11/30/2021-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 proposal of M/s St. Elizabeth Hospital for additions, alterations and reconstructions of building Wing B of the existing Hospital Known as St. Elizabeth Nursing Home on plot bearing CS No. 192 and 1/193 of Malbar Cumala Hill Division in D Ward, Mumbai. The project proponent

made a presentation and submitted the following information in EAC(CRZ) meeting held on 28/09/2021 as under:

- (i) The proposed project is for reconstructions of existing hospital building, Wing B on plot bearing CS No. 192 and 1/193 of Malbar Cumala Hill Division in D Ward, Mumbai.
- (ii) The geo coordinates of the proposed location are 18°56'55.19"N and 72°47'43.60"E
- (iii) The total plot area is 2233.37 Sq.m and built-up area is 8550.34 Sq.m.
- (iv) The details of the building configuration are as follows:

Structure	Existing Status	MCGM BUA
Wing A	G + 3 Upper Floors	2411.15 Sq.m
Wing B	G + 4 Upper Floors will be demolished.	2411.15 Sq.m
Proposed Development as per DCR 1967	<b>Proposed building is 2 basements + G + 9 Upper Floors in lieu of plot potential + additional FSI (716.14Sq.m) (Proposed area)</b>	<b>6139.19 Sq. m (IOD approved area vide letter no. P-3591/2019/(192 and Other)/D Ward/MALABAR HILL/342/1/Amend dated 13/02/2021)</b>

- (v) The proposed project involves reconstruction of Wing B. The proposed development of Wing B with 2 basements + Ground +1<sup>st</sup> to 9<sup>th</sup> Upper Floor.
- (vi) The total FSI of the proposed area is 3.52. The existing FSI of 2.16 and additional FSI of 1.36 (as per the town planning rules and regulations (DCR 1967).
- (vii) The proposed layout has been approved and the FSI to be utilized, which includes proposed area and existing structure to be retained within permissible limit of 8550.34 Sq. m as mentioned in the plans approved for concessions.
- (viii) The proposed area falls in CRZ-II. The total height of the proposed structure is about 38.10 m.
- (ix) The proposed project site falls under CRZ-II category as per approved CZMP of 2011.
- (x) The proposed project layout was superimposed on the approved CZMP of the 1:4000 scale map, which was prepared by Institute of Remote Sensing, Anna University, Chennai.
- (xi) In the existing provision of car parking total 5 cars & one ambulances in the project premises.
- (xii) The power requirement is 1101 kVA Maximum electrical demand., which will be met from BEST.
- (xiii) The total cost of the project is ₹47.65 crores.
- (xiv) The Maharashtra Coastal Zone Management Authority has also recommended the proposal for clearance *vide* its letter No. CRZ-2020/CR-83/TC-4 dated 02/03/2021.

2. The Committee noted that the proposed reconstruction of the existing Hospital building, which falls in CRZ-II area and only Wing B will be demolished with the approved FSI. The Committee also noted that the proposed construction involved 2 basements + Ground +1<sup>st</sup> to 9<sup>th</sup> Upper Floor.

3. The committee took note that the as per para 4(ii) of the CRZ Notification 2011 the activities shall require clearance from MoEFCC namely: - Demolition and reconstruction of (a) buildings; and building of archaeological and historical importance, (ii) heritage building under

public use which means buildings such as for the purposes of worship, education, medical care and cultural activities.

4. The committee further noted that schematic plans for STP and ETP are required including its final disposal. The Committee also noted that in the instant proposal is lacking details on total water requirement, fresh water requirement including its source, total power requirement including power back up, DG set details, solar power augmentation plan, rain water harvesting plan, waste generated during construction and its disposal, total wastes mainly bio-medical waste and its disposal, internal traffic circulation plan including exit and entry, detailed noise and air quality management plan during construction. The Committee suggested providing above mentioned information and therefore, deferred the proposal for consideration at a later stage.

5. On submission of the above information, the proposal was placed before the EAC(CRZ) for further examination. The EAC noted the detail process and flow diagram of STP and ETP along with description of entire process and proponent also presented about total water requirement and rain water harvesting plan. The EAC noted that total water requirement is 169 CMD and the fresh water requirement 102 CMD and will be sourced through Municipal Corporation Grater Mumbai (MCGM), as per the HE NOCu/n HE/000485/2020/D/CTY dated 17/08/2020.

6. The EAC further noted that the total power requirement for the proposed project is 1101 kVA and sourced from BEST. The proponent also informed that 2 DG sets are proposed to be installed at the ground level. The DG set will be radiator air cooled and having automatic start/stop facility. EAC noted that one DG set with capacity of 160 kVA will be used only during the construction phase and two with capacity of 750 kVA will be used during operational phase.

7. The EAC, also deliberated the solar power augmentation plan prepared by the proponent. The proponent informed that due to the space constraints, the solar panels will be installed on terrace level. The solar energy is proposed for primarily for hot water generation. A total of 83 nos. solar panels are proposed to be installed and approx. 10,000 liters of hot water will be obtained on daily basis. However, the remaining area of terrace will be occupied by water tanks, ventilations fans and TFA units etc. Hence there is no space to install solar power panels on terrace. The committee agreed for solar panels which are to be installed for hot water.

8. The project proponent also submitted that all rain water from open terraces will be drained vertically through UPVC A grade drain pipes and surface storm water will be connected to the rain water harvesting pits for recharging ground water table. Overflow of recharge pits shall be connected to municipal storm water drain channel. A total of 3 rain water recharge pits will be installed.

9. The project proponent also informed that an estimated (C&D) waste will be 700 Brass and the waste will be disposed as per MCGM guidelines by the contractor at locations specified by the authorities. The Committee noted that NOC *vide* no./007793/2021/D/CITY dated 12/06/2021 and valid till 25/04/2022. The project proponent also informed detailed about bio-medical waste. patient's beds are 100 and as per bed the waste generated will be 2500 Gms/Day. The total bio medical waste will be generated 250 Kg/day. The bio medical waste will be disposed through the authorised vendor as per Biomedical Waste Management Rules, 2016.

10. The proponent also submitted their internal traffic circulation plan including exit and entry and the detailed noise and air quality management plan during construction phase also submitted and informed that the upper floors will be demolished manually using electric breakers and hand

tools. The proponent also informed that approx. 45 days will be for the demolition period and the noise and air management techniques will be implemented during the demolition period.

11. Based on the deliberations held and submissions made, the Committee recommended the proposal for CRZ Clearance 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) Demolition and construction activities shall be strictly implemented as per Management of Solid Waste in accordance with the Solid Waste Management Rules, 2016 and no demolition and / or Consent to Operate shall be obtained from construction activities are allowed during night hours.
- iii) Consent to Established and Consent to Operate shall be obtained for DG sets use from SPCB under the provisions of Air (Prevention and Control of Pollution) Act, 1981.
- iv) Bio medical waste / hazardous waste generated during construction/ operational phase, shall be disposed off as per applicable rules and norms with necessary approvals of the SPCB.
- v) No groundwater shall be extracted within CRZ area to meet the water requirements during the construction and / or operation phase of the project.
- vi) Any temporary physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project.
- vii) All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

### **3.3 Proposal for development of Malanad Malabar River Cruise Project-Mangrove Cruise Route along Mahe River, Anjarakandi River & Kuppam River, in Kannur & Kasargod Districts by the Director, Department of Tourism, Government of Kerala-CRZ Clearance**

[IA/KL/CRZ/228314/2021] [F.No.11/29/2021-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 proposal of M/s Department of Tourism, Government of Kerala proposed for development of Malanad Malabar River Cruise Project-Mangrove Cruise Route along Mahe River, Anjarakandi River & Kuppam River, in Kannur & Kasargod Districts in Kerala. The project proponent made a presentation and submitted the following information in EAC(CRZ) meeting held on 28/09/2021 as under:

- (i) The proposed project is for of Malanad Malabar River Cruise Project-Mangrove Cruise Route along Mahe River, Anjarakandi River & Kuppam River, in Kannur & Kasargod Districts.
- (ii) The associated facilities for the cruise route are planned at four locations along the banks of Anjarakandy River, which falls in CRZ area.
- (iii) The proposed cruise route is passes from Dharmadam to Mambaram. Thus, the boarding point will Dharmadam and the destination point will be Mambaram. The total length of route is about 9 km.

- (iv) The objective of this proposed plan is to explore village life, inland fishing, serene riverine features. The programme will be operated through online registration through the branding and promotional activities.
- (v) The details of proposed location are given below:

Sl. No.	Location	Survey/ No	Taluk	Village	District
1	Dharmadam	88/3	Thalassery	Dharmadam	Kannur
2	Parapram	2/3	Thalassery	Pinarayi	Kannur
3	Cherikkal	2/7	Thalassery	Pinarayi	Kannur
4	Mambaram	2/7	Thalassery	Pathiriyad	Kannur

- (vi) The vessel details of proposed Pazhassiraja and Spices Cruise Route are as:

Vessel	Length (m)	Breadth (m)	Draft (m)	Passenger Capacity
Freedom	12.518	2.914	0.50	25
Marivillu	12.518	2.914	0.50	25
Kopravallam	12.000	2.500	0.27	10

- (vii) The details of project facilities at different location along with Built-Up Area:

S. No.	Location	Proposed facilities	Built up area (Sq.m)	CRZ area
1.	Dharmadam	Boat Terminal	318.42	CRZ-IB & CRZ-IV B
2.	Parapram	Boat Terminal with waiting area	417	CRZ-IB & CRZ-IV B
		Toilet Block	24	CRZ-III (NDZ)
3.	Cherikkal	Boat Terminal with waiting area	418.86	CRZ-IB & CRZ-IV B
4.	Mambaram	Boat Terminal	133.15	CRZ III (NDZ) & CRZ IVB

- (viii) The proposed project layout was superimposed on the approved CZMP of the 1:4000 scale map, which was prepared by NCSCM, Chennai.
- (ix) The total cost of the project is ₹11.09 crores.
- (x) The Kerala Coastal Zone Management Authority has also recommended the proposal for clearance vide its letter No. 1673/A2/20/KCZMA, dated 16/07/2021.

2. The Committee noted that the proposed project, which is recommended by KCZMA is for Section 1. Dharmadam to Mambram River (9 km), Section 2. from New Mahe to Peringathur (14.4 km), Section 3. from Pazhayangdi to Kattampallikadavu (30.18 km) and Section 4. (Handicraft and handloom Cruise Root Along Valiyaparamba Backwaters). **However, the M/s Department of Tourism, Government of Kerala presented only for the Section 1. i.e., from Dharmadam to Mambram river (9 km).**

3. The EAC noted in its lastmeeting held on 28/09/2021that the instant proposal also includes toilet block in NDZ area, which is non-permissible activity as per the extant norms of CRZ Notification. The Committee also noted that Boat Terminal with waiting room / area proposed in CRZ-IB and CRZ-IV B. The Committee suggested that there shall be clear reflection of the

proposed activity with particular proposed area, which should be as per extant norms of the CRZ Notification, 2011 and as amended from time to time.

4. The Committee also advised in last meeting held on 28/09/2021 that number of pillars should be reduced, which interrupt water flow, without compromising safety and stability of the project. Based on these observations, the committee advised to proponent that the proposal need to be revised as per extant norms of CRZ Notification and accordingly, the proposal was deferred for the consideration at a later stage.

5. On submission of the above said information, the proposal was again placed before the EAC(CRZ), the proponent informed that they decided to exclude the component i.e., toilet from the CRZ area and will identified an appropriate land in non CRZ area.

6. The committee noted that now proponent requested only for the proposed Jetty facilities. The proponent informed that now only a single structure of Boat Jetty with a designated area for waiting is planned and no other waiting room are proposed.

7. The Committee also noted that now the structural design of all the boat terminals have been revised by reducing the number of pillars from 146 to 106 in compliance with safety. The details are as given below:

<b>S. No.</b>	<b>Location</b>	<b>Initial number of pillars</b>	<b>Revised number of pillars</b>
1.	Dharmadam	34	26
2.	Paraparam	44	32
3.	Cherikkal	52	32
4.	Mambaram	16	16

8. Therefore, the Committee suggested that submit a revised CRZ map of 1:4000 scale for Ministry record before processing the file for final CRZ Clearance.

9. Based on the deliberations held and submissions made, the Committee recommended the proposal for CRZ Clearance 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 project proponent shall ensure natural flow of the Creek water in the project site.
- iii) No groundwater shall be extracted within CRZ area to meet the water requirements during the construction and / or operation phase of the project.
- iv) No excavated material during the construction shall be dumped in water bodies or adjacent areas. The site shall be restored to its near original condition after completion of construction of work.
- v) Any temporary physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project.
- vi) No permanent labour camp, machinery and material storage shall be allowed in CRZ area.
- vii) All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.



## FRESH PRAPOSAL:

### 3.4 Proposal for laying of Natural Gas Transportation Pipeline with associated facilities from Boisar to Palghar, District Palghar by M/s Gujarat Gas Limited - CRZ Clearance [IA/MH/CRZ/119397/2019] [F.No.11/31/2021-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 proposal of M/s Gujarat Gas Ltd, is for laying of Natural Gas Transportation Pipeline with associated facilities from Boisar to Palghar, District Palghar, Maharashtra. The project proponent made the presentation and provided the following information:

- (i) The proposed project is for intrastate pipeline, which passes through Palghar District of Maharashtra State. It starts from Boisar village and end at Palghar village. The covering length of pipeline is 18.627 km with its connectivity at Tarapur MIDC for length 0.632km. Hence, total length of pipeline is 19.3km.
- (ii) The proposed pipeline passes through villages Saravali, Kolawada, Kumbhavali, Tarapur, Nandgaon, Murabe, Vikaswadi, Kharekuran, Dapoli, Morekuran, Palghar in Palghar District of Maharashtra State.
- (iii) The pipeline is passing through the CRZ area; which categorized as CRZ-IA, CRZ-IB (Inter Tidal Zone), CRZ III (NDZ) & CRZ IVB.
- (iv) The details of pipeline falling in CRZ area is as follows:

CRZ Category	Length (mt)
CRZ-IA	251
50m Mangrove buffer Zone-CRZ IA	847
CRZ-IB (Inter Tidal Zone)	946
CRZ-III(NDZ)	797
CRZ-IVB	0
Total length of pipeline in CRZ Area	2936

- (v) Total length of pipeline is 19.3km (i.e. Palghar Spurline) with 8” diameter.
- (vi) The pipeline system is designed as per PNGRB T4S guideline for City Gas Distribution and ASME B 31.8.
- (vii) There will be no disturbance to any tidal influence water body/Creek area of Mangroves because of Horizontal Directional Drilling (HDD) method will be adopted at crossing of water body/river/creek.
- (viii) The water requirement is about maximum 15000 Lit/Day during construction period and which comprises 2500 Lit/Day as Domestic water, and water uses during construction activities will be 12500 Lit/Day for firefighting & Process/ Hydro testing, washing & cleaning and Spraying for dust suppression.
- (ix) Used water will be nontoxic and will be utilized for gardening purpose.
- (x) The proposed project layout was superimposed on the approved CZMP of the 1:4000 scale map, which was prepared by National Centre for sustainable Coastal Management, Chennai.

- (xi) During the proposed project approximately 40 persons will be employed.
- (xii) The total cost of project will be ₹21.377 crores @₹11,100 per meter.
- (xiii) The Maharashtra Coastal Zone Management Authority has also recommended the proposal for clearance *vide* its letter No. CRZ 2019/CR4/TC4, dated 17/06/2019.

2. The Committee noted the variation in figures of length of pipeline in CRZ area and also the cost of project as given in Annexure A & Annexure B. The Committee suggested to project proponent that revised and submit a correct area statement and actual cost (₹21.377) of the project, length of pipeline in CRZ area (2936 m), KML file of project area, FC Stage-I Clearance etc. The same has been submitted by project proponent on via e-mail to all EAC Members including MoEF&CC on 26/10/2021.

3. Based on the deliberations held and submissions made, the Committee recommended the proposal for CRZ Clearance 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 will be laid exclusively through Horizontal Directional Drilling (HDD) method at crossing of water body/river/creek, mangrove and CRZ areas
- iii) The project proponent shall ensure natural flow of the Creek water in the project site.
- iv) Proponent must strictly adhere to OISD/PESO guidelines and latest safety features to be included in maintenance and operations of the pipeline.
- v) No groundwater shall be extracted within CRZ area to meet the water requirements during the construction and / or operation phase of the project.
- vi) No excavated material during the construction shall be dumped in water bodies or adjacent areas. The site shall be restored to its near original condition after completion of construction of work.
- vii) No permanent labour camp, machinery and material storage shall be allowed in CRZ area.
- viii) Any temporary physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project.
- ix) All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.
- x) All recommendation provided by MCZMA will be implemented in totality

### **3.5 Proposal for Construction of desalination plant for LNG Terminal at Anjanwel, District Ratnagiri by M/s Konkan LNG Private Limited - CRZ Clearance.**

[IA/MH/CRZ/227968/2021] [F.No.11/32/2021-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 proposal of M/s Konkan LNG Pvt Ltd, is for Construction of desalination plant for LNG Terminal at Anjanwel, District Ratnagiri, Maharashtra. The project proponent made the presentation and provided the following information:

- (i) The proposed construction of desalination will be done at existing LNG terminal site of KLPL, located at village Anjanwel near Dabhol town, District Ratnagiri in State of Maharashtra.

- (ii) The details of proposed location geo-coordinates are as follows:

Facilities	Latitude	Longitude
Desalination plant	17°32'12.6"N	73°09'17.1"E
Marine Intake	17°32'03.4"N	73°09'09.0"E
Marine Outfall	17°31'58.2"N	73°08'54.4"E

- (iii) M/s KLPL has planned to develop Desalination plant at the LNG terminal near the jetty.
- (iv) The capacity of the plant is 100 KLD and processed through SWRO technology.
- (v) The intake at 15m<sup>3</sup>/hr and outfall flow rate is 10m<sup>3</sup>/hr. and total of 10 m<sup>3</sup>/hr. brine will be generated.
- (vi) As per the CRZ map, the desalination plant along with the marine facilities falls under CRZ I (B), CRZ III and CRZ IV-A area.
- (vii) The proposed project layout was superimposed on the approved CZMP of the 1:4000 scale map, which was prepared by Institute of Remote Sensing, Anna University, Chennai.
- (viii) The wastewater generation quantity is 8m<sup>3</sup>/day which is being treated into septic tanks along with soak pits and sewage treatment plant is also provided for domestic sewage at RGPPL colony.
- (ix) Existing facility is already in operation hence no additional water will be required during construction as well as operation phase for the proposed project. As per the Consent to Operate (CTO) obtained from Maharashtra Pollution Control Board, *vide* letter no. KP-17213-15051FT0353/CR/CAC-18060000012 dated 01/06/2018 and accordingly renewal of CTO *vide* letter no. KP-17213-15051FT0353/ CR/CAC-180600012/ Amend-0457 valid till 30/06/2020, renewal of CTO letter no:Format 1.0/CAC/UAN No 000009242401/CR-2011000341 valid till 30/6/2025 the total water requirement for the LNG terminal is 10m<sup>3</sup>/day.
- (x) As the terminal in already in operation, no additional power/electricity will be required. The existing facility has 11KV Electricity supply line from RGPPL. Current demand of the existing facility is 10 MW.
- (xi) During the proposed construction approximate 10 manpower will be required and in operational only 2 manpower will be employed.
- (xii) The total coast of project will be ₹1.0 crore.
- (xiii) The Maharashtra Coastal Zone Management Authority has also recommended the proposal for clearance *vide* its letter No. CRZ 2020/CR 60/TC4, dated 30/06/2020.

2. The Committee took note that the proposed desalination plant is to set up at existing LNG terminal site of KLPL, Ratnagiri is in NDZ area which non permissible activity and suggested that submit a revised plan outside NDZ area and submit the Ministry's record before processing the file for final CRZ Clearance.

3. Based on the deliberations held and shifting of plan from NDZ to non-NDZ area including all aspect of environment, the Committee recommended the proposal for CRZ Clearance 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) No storage reservoir for sea water shall be permitted in the NDZ and only pipelines conveyance system shall be installed and also shall ensure natural flow of the Creek water in the project site.
- iii) No groundwater shall be extracted within CRZ area to meet the water requirements during the construction and / or operation phase of the project.

- iv) No excavated material during the construction shall be dumped in water bodies or adjacent areas. The site shall be restored to its near original condition after completion of construction of work.
- v) Any temporary physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project.
- vi) No permanent labour camp, machinery and material storage shall be allowed in CRZ area.
- vii) All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

## MISCELLANEOUS

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

In compliance to the directions of the National Green tribunal in the matter of Application No.4 of 2014: C.H. Balamohan Vs Union of India &Ors., the Ministry of Environment, Forest and Climate Change had constituted an Expert Committee for examination and making time bound recommendation to the National Coastal Zone Management Authority (NCZMA), on “Comprehensive Shoreline Protection Management Plan for Tamil Nadu Coast” submitted by Government of Tamil Nadu. The Expert Committee submitted its report on 29/03/2019 and the same was placed before the EAC (CRZ), in the 244<sup>th</sup> Meeting of the EAC (CRZ) held on 30/09/2020 and 255<sup>th</sup> EAC held on 12/02/2021 for its observations.

2. The Committee in its earlier meeting held on 21/05/2019 desired that the comments / suggestions from the neighbouring States *viz.* State Governments of Andhra Pradesh, Kerala and UT of Puducherry shall be made available by the Tamil Nadu Government for further consideration. The Committee was informed that the Tamil Nadu Government *vide* letter dated 13/07/2020 requested Ministry to approve the plan, pending the comments from the State Governments of Andhra Pradesh, Kerala and UT of Puducherry.

3. The Committee also desired that a Sub-Committee shall visit the sensitive coastal areas of Tamil Nadu for examination before implementation of coastal protection measures. In addition, the Committee also reiterated that shoreline change maps prepared by NCSCM and NCCR may be used as basis for developing any shore protection schemes in the State.

5. Thereafter, the repetitive follow up taken by this Ministry and upon receipt of the comments from the State Governments of Andhra Pradesh, Kerala and UT of Puducherry, the same was forwarded to Tamil Nadu Government and in 252<sup>nd</sup> EAC (CRZ) held on 29/12/2020. In the said meeting the Environment Department, Government of Tamil Nadu has informed that they require time to examine the comments of Government of Kerala and Puducherry and requested to place in the next meeting.

6. It is noted that comments of State Governments of Andhra Pradesh, Kerala and UT of Puducherry forwarded to PP are still not incorporated in the report. The Committee suggested that the same should be incorporated and resubmitted. The Committee also proposed for the site visit by the EAC(CRZ) Committee. Accordingly, the proposal was deferred for reconsideration at a later stage once the revised report is submitted and the site visit is carried out by this Ministry.

7. In the current EAC meeting, the committee noted that the comments of State Governments of Andhra Pradesh, Kerala and UT of Puducherry are duly addressed as addendum to the plan and

not incorporated in the final report. Therefore, the committee suggested the same may be incorporated suitably in the final report and submit at an early date to the Ministry

8. As decided in earlier meetings, the Committee also stated the site visit shall be carried out during the at the earliest possible date with following Members: Dr. Deepak Apte, Chairman (EAC), Dr. M.V. Ramana Murthy, Member (EAC), Dr. M.S. Negi, Member (EAC), a representative from MoEF&CC, a representative from TNCZMA, Concerned Senior level officer from implementing department of TN (PWD), Concerned Professor from IIT Madras (dealing the report) and a Senior Officer from Environment Department, Government of Tamil Nadu.

The Committee decided that three stretches can be identified along the Tamil Nadu coast i.e. region in Chennai, adjoining areas near Puducherry and stretch in Kanyakumari for examination.

### **3.7 Proposed Holiday resort on plot bearing Gut no. 532, Mauje Kihim, Alibaug, Raigad, Maharashtra by Smt. Savitri Nandkishore Dube – Amendment in CRZ Clearance**

The proposal of Smt. Savitri Nandkishore Dube for Holiday resort on plot bearing Gut no. 532, Mauje Kihim, Alibaug, Raigad, Maharashtra was earlier placed in 231<sup>st</sup> EAC(CRZ) held on 26/02/2020. The project proponent informed that they accorded CRZ Clearance on 30/06/2017.

2. The Committee in its meeting held on 26/02/2020, observed that the proposed amendment is a reduction in built up area by 6.26 Sq.m, against the approved built-up area of 857.96 Sq.m and the proposed amendment has been recommended by the Maharashtra Coastal Zone Management Authority *vide* letter No. CRZ 2018/CR 396/TC-4, dated 14<sup>th</sup> October, 2019. The Committee in the said meeting, therefore observed that the instant proposal does not warrant an amendment of the CRZ clearance dated 30/06/2017 as there is no change in the scope of the project and only entails reduction on the built-up area of the resort.

3. Accordingly, the Ministry *vide* letter dated 18/03/2020, conveyed the decision of the Committee to Smt. Savitri Nandkishore Dube. Further, PP requested to include “*existing structure on plot under reference to be retained*” in the letter dated 18/03/2020.

4. The Committee was further informed that as per old records submitted at the time of CRZ clearance, there are two old structures (A1 of 184.04 Sq.m and Structure B1) existing on plot as per the layout plan submitted to this Ministry. However, the project proponent submitted there is only one structure (A1: 184.04 Sq.m) existing on the plot. In view of the above ambiguity, this Ministry sought clarification from MCZMA regarding existing structure.

6. The Committee was further informed that the MCZMA endorsed the District Collector Raigad letter dated 17/09/2021 and confirmed that the existing structure A1 (Ground+ 1<sup>st</sup> floor) is in existence with an area of construction 184.04 Sq.m with height of 7.08 meter.

7. The Committee suggested to Project Proponent / Consultant that submit the Endorsement received from MCZMA Maharashtra by Smt. Savitri Nandkishore Dubey and authorization letter of Project Proponent in the name of Mr. Ajaz Khan attending on behalf of PP. The same has been submitted by project proponent on via e-mail to all EAC Members including MoEF&CC on 26/10/2021.

8. Based on the detailed deliberations held and endorsement from MCZMA and authorization letter of PP, the Committee recommended for amendment in CRZ Clearance accorded on 30/06/2017 in para 3 of sub para (ii) as under

(i) *The total plot area of the project is 4460 sqm & proposed built up will be 857.96 sqm which is below 33%. The structure A1 of built up 184.04 sqm shall be retained on plot. The components of the project are as under: -*

<i>Type of Building</i>	<i>Built up (sqm)</i>	<i>Number of floors</i>	<i>Number of Tenements</i>	<i>Total no. of units</i>
<i>B</i>	<i>673.92</i>	<i>2</i>	<i>4</i>	<i>4</i>

#### **4.0 Any other item with the permission of the Chair.**

**4.1** Report of the Expert Sub-Committee regarding site visit from 17-18 August, 2021 of proposed development 3400 MW (Phase II) Solar Power Park / Activities in CRZ Areas of Dholera Special Investment Region (DSIR), District Ahmedabad, Gujarat by M/s Dholera Special Investment Regional Development Authority was placed before the EAC. The EAC accepted the Site Visit Report and suggested the suggestion's given by Sub-Committee may be forwarded to PP for further compliance / submission. Based on the clarification / information received from PP Project may be placed before EAC for further consideration.

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

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**List of the Expert Appraisal Committee (CRZ) Members participated during Video Conferencing (VC) Meeting**

<b>S. No.</b>	<b>Name of Members</b>	<b>Designation</b>
1.	Dr. Deepak Arun Apte,	Chairman
2.	Dr. Manoranjan Hota	Member
3.	Shri Manmohan Singh Negi	Member
4.	Shri Sham Wagh	Member
5.	Prof. Ashok Kumar Pachauri	Member
6.	Prof. V.K Jain	Member
7.	Dr. M.V. Ramana Murthy, Director, NCCR, Chennai	Member
8.	Dr. Niraj Sharma Senior Principal Scientist, Transport Planning, Planning & Environment (TPE) Division, Central Road Research Institute, New Delhi	Member
9.	Shri. R.P.S Verma, Director, Ministry of Water Resources, Central Water Commission, New Delhi	Member
10.	Dr. H. Kharkwal Additional Director Ministry of Environment, Forest and Climate Change, New Delhi	Member Secretary
11.	Dr. Bhawana Kapkoti Negi Ministry of Environment, Forest and Climate Change, New Delhi	Technical Officer

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