

**MINUTES OF THE 175<sup>th</sup> MEETING OF EXPERT APPRAISAL COMMITTEE FOR PROJECTS RELATED TO COASTAL REGULATION ZONE HELD ON 7<sup>th</sup> September, 2017 AT INDIRA PARYAVARAN BHAWAN, MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE, NEW DELHI**

The 175<sup>th</sup> Meeting of the Expert Appraisal Committee for projects related to coastal regulation zone was held on 07.09.2017 at Brahamputra Hall, Indira Paryavaran Bhawan, New Delhi. The members present were:

- |    |                             |   |                  |
|----|-----------------------------|---|------------------|
| 1. | Dr. Deepak Arun Apte        | - | Chairman         |
| 2. | Shri. Sharad Chandra        | - | Member           |
| 3. | Dr. Anuradha Shukla         | - | Member           |
| 4. | Shri. Arvind Kumar Nautiyal | - | Member Secretary |

Dr. S.W.A Naqvi and Shri N.K Gupta were absent. Dr. S.G Bhave had communicated his inability to attend the EAC meeting.

*Also in attendance:* Shri W. Bharat Singh, Joint Director, MoEFCC; Dr. Bhawana Kapkoti Negi, Technical Officer, MoEFCC and Ms. Sandhya Raghav, Legal Assistant MoEFCC. 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 there being no other comments, confirmed the minutes of the 173<sup>rd</sup> meeting.

**3.0 CONSIDERATION OF PROPOSALS:**

**PROPOSAL FOR AMENDMENT IN CRZ CLEARANCE**

**3.1 Laying of pipeline along the river Kolak upto deep sea for combined disposal of 'treated effluent' in Village Morai, Vapi (Gujarat) by M/s Wel Treat Enviro Management Organization-Corrigendum/amendment in CRZ Clearance [F.NO.11-49/2013-IA.III] reg.**

M/s Wel Treat Enviro Management Organization was accorded CRZ clearance vide letter No. F.NO.11-49/2013-IA.III, dated 05.09.2016, for laying of pipeline along the river Kolak upto for combined disposal of 'treated effluent'. The project is to be located in village Morai at 20<sup>o</sup>27'45.04". Whereas, due to a typographical error the name of the village and longitude in the aforesaid CRZ clearance letter at para no.3 (v) as village Saran and location 22<sup>o</sup>27'45.04". The project proponent has therefore requested for an amendment in the said CRZ clearance issued on 05.09.2016.

The Committee noted that, as submitted by the project proponent, the name of the village is to be read as Morai and the location of the site is at longitude is 20<sup>o</sup>27'45.04" & recommended that necessary amendment may be issued.

## **RE-CONSIDERATION OF PROPOSALS TAKEN UP EARLIER BY EAC**

### **3.2 Review of CRZ recommendation of Laying of Pipeline for transfer of edible Oils from Chennai Port to Storage Terminal Tanks and establishment of Storage Transit Terminal at Tondiarpet village and Taluk, in Chennai by M/s KTV Health Foods Pvt. Ltd. & other associated facilities of KTV Group [F.NO.11-18/2016-IA.III] reg.**

The proposal was recommended for CRZ clearance in the last meeting i.e 173<sup>rd</sup> meeting of the Committee i.e EAC (CRZ) held on 24.07.2017. The Committee was informed that on detailed examination during the course of processing of the file for clearance, it came to light that the proposal cannot be considered a fresh proposal, rather it tantamounts to post facto clearance, as the existing system is already in place, whereas the project proponent had submitted the application for consideration as a fresh proposal.

The matter was discussed and the project proponent informed that the existing system was bought over from the original party in an SBI auction held on 05.11.2014 and was unaware of the liability being acquired during the course of acquisition. That later when the matter was taken up in the National Green Tribunal (NGT), Chennai and subsequently disposed by the Tribunal with directions to the Ministry of Environment, Forest and Climate Change (MoEFCC) passes appropriate orders in a manner known to law, they have approached for CRZ clearance. The proponent had however not clearly brought out this fact before the EAC during its earlier 173<sup>rd</sup> meeting on 24.07.2017 and has now tendered a written apology to this effect.

The Committee deliberated the matter and noted that the violation/procedural deviation committed by the original party has been acquired by the project proponent. The Committee noted the CRZ recommendation issued. Vide its letter no. 3726/EC.3/2016-1, dated 24.03.2016.

The Committee also noted that the system is idle for the last three years and that there was no merit in keeping the proposed activity of the project proponent in abeyance.

The Committee noted that while there are no specific provisions under the CRZ notification 2011 for considering proposals for post facto CRZ clearance, the recommended project is considered on the lines of provisions under the EIA notification 2006 subject to the following.

- i) The project proponent shall submit a written undertaking that they shall be liable for restitution of environmental damage (if any) established by any court of law;
- ii) The project proponent shall submit a copy of the report of the Advocate Commissioner submitted to the NGT, Chennai.

## FRESH PROPOSALS

### 3.3 Improvement of existing water supply for slums in MbPT area situated at New Tank Bunder Road, Coal Bunder, Lakhri Bunder & Darukhana, Mazgaon, Mumbai, Maharashtra by M/s Municipal Corporation of Greater Mumbai (MCGM) - CRZ Clearance [F.No.11-25/2017-IA-III] - reg.

The project proponent made a presentation and provided the following information:

- i) The project is aimed at improving enhancing the existing supply of drinking water to slums in Mumbai Port Trust (MbPT) area situated at New Tank Bunder Road, Coal Bunder, Lakri Bunder of Darukhana, Mazgaon, in Mumbai City.
- ii) It will be implemented by replacing existing old rusted water pipe lines by laying new water mains on the existing roads.
- iii) The work of trenching and pipe laying will be done manually and hence no major cause of air and noise pollution are anticipated due to use of heavy machinery. Dig and cover method will be adopted.
- iv) The depth of trench will vary from 1.2 - 1.5 m and the existing water table will not be disturbed.
- v) The details of pipeline are as follows:

<b>S.No.</b>	<b>Items</b>	<b>Details</b>
1.	Diameter of existing pipeline	125 mm & 300 mm
2.	Diameter of proposed pipeline	300 mm & 150 mm
3.	Total length of pipeline	4400 m
4.	Total depth of excavation	1.2 - 1.5 m
5.	Water Main/ Pipe Material	Ductile Iron (DI)

- vi) The cost of the project will be Rs 4.3 Crores.
- vii) As per the approved CZMP and provisions of CRZ 2011 notification the project location falls in CRZ-II area, as per CRZ map prepared by Institute of Remote Sensing, Anna University, Chennai.
- viii) There are no mangroves or vegetation along the alignment. New water pipes will be layed adjacent the existing pipelines, which will be removed once the new lines are laid in the road crust.
- ix) During execution phase total generation of excavated soil will be 7050 Cum. The 4778 Cum. quantity of soil will be used for back filling of trench. The balance 2272 Cum. quantity will be send to municipal dumping ground at Kanjurmarg dumping yard, Mumbai, about 32 km away from proposed laying work. During operation phase there will be no generation solid waste.
- x) The traffic on the road will not be affected as the width of trench is marginal considering the total width of the road.
- xi) Use of dust cover over construction material & debris generated will be made during transportation.
- xii) Provision of temporary barricading around site will be made.

- xiii) Water pipeline laying work will not be carried out during Monsoon Period to avoid blocking of drains due to erosion of soil & deposition of debris generated during excavation
- xiv) The MCZMA has recommended CRZ clearance to the project vide letter No. CRZ-2012/CR-286/TC-4, dated no. 27.06.2013.

*The Committee observed that the present proposal is in public interest and is only a replacement of the existing system of the pipelines and proposed to be laid along the existing roads. Based on the deliberations and presentation made by the project proponent and considering that the project is permissible as per CRZ notification 2011, the Committee recommend the proposal for CRZ clearance.*

### **3.4 Conversion of Overhead electrical transmission lines into Underground cabling in Cuddalore Town, Cuddalore District, Tamil Nadu proposed by M/s TANGEDCO, Cuddalore-CRZ Clearance [F.No.11-26/2017-IA-III] - reg.**

The project proponent made a presentation and provided the following information:

- i) The key project activities include laying underground electrical cables, installation and testing of the underground electrical cable network and dismantling of the OH cables, DTs, and electrical poles.
- ii) The electrical cables will be laid underground by opening of trenches along the existing road infrastructure. The direct impact of the UG trench limits within the width and depth of excavation, while indirect access impact extends throughout the corridor.
- iii) The public utility project of underground cable laying works will be carried out by excavating nominal trench of 1.2 M depth and 0.5 - 0.9 m width.
- iv) Width and the depth of the excavated trenches will vary from 0.3 - 1.06m and 0.82 - 1.2m respectively, depending on the numbers of HT, LT and service cables to be laid in the trench.
- v) The total length of the cable to be laid will be 198.44 KM. The proposed cable line will pass through CRZ-II and CRZ-III areas. Out of 198.44 Km total length, 18.21 Km length of proposed cable fall in CRZ-II II and 3.736 Km length fall in CRZ-III.
- vi) Total 3 packages are being proposed in Cuddalore Town. Package-1 include Vandipalayam & Manjakuppam feeding Cuddalore Municipal Area and Sea shore Area; Package -2 include Sellankuppam and New Town Feeders feeding Cuddalore Municipal, Panchayats area; and Package-3 include Alpettai, Pentasia and Suthukullam Feeders feeding the Cuddalore town, village Panchayats, SIPCOT and Sea Shore areas.
- vii) Total no. of transformers proposed - 1161 Nos.
- viii) The total Cost of the project will be Rs 389.0 Crores.
- ix) CRZ map indicating HTL, LTL demarcation in 1:4000 scale with proposed cabling superimposed on the map has been prepared by IRS, Anna University, as per the approved CZMP.
- x) The TNCZMA has recommended the project vide letter No. 4664/EC.3/2017-1, dated 31.03.2017.

*The Committee observed that the present proposal does not entail irreversible implications in so far as sensitivity of the area from CRZ considerations is concerned and therefore decided to recommend the proposal for CRZ clearance.*

### **3.5 Proposed Beach Resort at Sy.No.16 & 24, Rushikonda Village, Visakhapatnam District, Andhra Pradesh by M/s Sai Priya Beach Resorts - CRZ Clearance [F.No.11-27/2017-IA-III] - reg.**

The project proponent made a presentation and provided the following information:

- i) Land to an extent of 29.065 acres at Sy.No: 16 & 24, Rushikonda Village, Visakhapatnam has been acquired by way of lease and it is proposed to construct Beach Resort.
- ii) Out of 29.065 acres, about 16.6 acres falls in the NDZ, where no construction is proposed.
- iii) The built-up areas will be 27,980m<sup>2</sup>. Parking space over an area measuring 15349.0m<sup>2</sup> is proposed and green belt area will be 8989 m<sup>2</sup>. FSI will be 0.24.
- iv) The total height of the structures will not exceed beyond the 9.0 m.
- v) The estimated project cost will be Rs. 20.0 crores
- vi) The proposed project site is located within 500m from Bay of Bengal and is in CRZ-III as per approved CZMP and provisions of CRZ Notification, 2011.
- vii) The CRZ map indicating HTL, LTL demarcation in 1:4000 scale has been prepared by Institute of Remote Sensing, Anna University, Chennai.
- viii) The water requirement for proposed project will be about 23.0 KLD (16.0 KLD fresh water + 7.0 KLD recycled water). Fresh water will be met from GVMC on chargeable basis. No ground water will be extracted.
- ix) An STP of 25.0 KLD is proposed to treat waste water generated. The STP will comprise of Screening Chamber, Collection Tank, Equalization Tank, Aeration Tank, Secondary Clarifier and Tertiary treatment system like Sand and activated carbon filter. The treated waste water will be used for green lawns development, green belt area usage and for flushing of toilets.
- x) Bio-degradable solid waste generated from proposed project will be 1746Kg/day, which will be converted to manure through organic waste converter.
- xi) Rain Water Harvesting (RWH) system will be installed for which 18 Nos of RWH pits are to be developed.
- xii) The project site falls within 10 km of Eco sensitive area viz. Kambalakonda wild life sanctuary.
- xiii) The APCZMA has recommended the project vide letter No. Lr. No: 01/APCZMA/2016, dated no. 01.05.2017.

The Committee noted that the region is a known eroding area and in the interest of their own the project proponent need to adopt sand dune stabilization measures in addition to the strategies / work being envisaged by the State agencies concerned. The project proponent informed that the area has been earmarked for tourism development under the Master Plan of the region and the government is ceased with the issue of shore erosion.

The Committee also noted that since the project location falls under the ESA, necessary clearance from the Standing Committee of the NBWL, as may be applicable, shall be obtained.

Based on the clarifications provided during the meeting by the project proponent and deliberations made, the Committee recommended the proposal for CRZ clearance subject to the following specific condition:

- i) Necessary clearance from the Standing Committee of the NBWL, as may be applicable, shall be obtained.
- ii) Sand dune stabilization measures shall be initiated by the proponent in addition to the strategies / work being envisaged by the State agencies concerned.

**3.6 Proposed development of promotion of Tourism at Muttom Point Light House in Kadiyapattinam Village, Kalkulam Taluk, Kanyakumari District, Tamil Nadu by M/s Directorate of Light Houses and Lightship, Chennai - CRZ Clearance [F.NO. 11-28/2017-IA.III] - reg.**

The project proponent made a presentation and provided the following information:

- (i) The proposal is a part of the project aimed at promoting tourism at eight Lighthouses across the country as envisaged by the Ministry of Shipping, Government of India. Muttom Point has been chosen as one such Lighthouse. This is also in consonance with the recommendation in the 47<sup>th</sup> Report of the Parliamentary Standing Committee on Transport & Tourism.
- (ii) The total land area is 29.89 acres. The existing allied facilities are in 5422.78 sq. m and the proposed built up area is 8317 sq.m, with coverage of 6.87%. The FSI is 0.063.
- (iii) The height of the any of the proposed buildings/blacks will not go beyond the 9 m, in consonance with CRZ notification, 2011.
- (iv) Cost of the project will be Rs 55 crores.
- (v) The proposed resort includes: Reception cum Administration Block; Recreational centre; Restaurant-cum-Food Court-cum-Bar; Rejuvenation or Ayurvedic Spa Block; Cottage; Land development and landscape; Coffee Shop and a Swimming Pool.
- (vi) All open spaces within the resort will be covered with lawns, ornamental shrubs and flowering trees to provide good shade and an aesthetically rich as well as cool environment.
- (vii) No ground water extraction will be carried out.
- (viii) As per the approved CZMP and provisions of CRZ 2011 notification the project location falls in CRZ-III area.
- (ix) CRZ map in scale of 1:4000 has been prepared by National Centre for Sustainable Coastal Management (NCSCM), Chennai
- (x) The total quantity of solid waste likely to be generated will be 120.1 kg/day, out of which about 79.4 kg/day of biodegradable wastes will be treated in Organic Waste Convertor. The non-biodegradable waste of about 40.7 kg/day will be handed over to recyclers.

- (xi) Sewage generated during operation phase will be about 16.3 KLD, which will be treated in an STP. Treated water will be used for gardening and the dried sludge will be used as manure.
- (xii) Water requirement of about 115.5 KLD will be met from TWAD supply..
- (xiii) Total Power requirement will be 1300 kWh/day and will be sourced from Tamil Nadu Electricity Board (TNEB). 2 DG sets of 10 KVA and 5 KVA are proposed as standby.
- (xiv) The employment potential during the construction phase will be average 50 workers per day. Operational phase will generate employment for 50 people in hospitality services.
- (xv) The proposal has been recommended for CRZ Clearance by the TNCZMA vide their letter No. 7365/EC.3/2017-1, dated 29.05.2017.

2. The Committee observed that the area is known for drinking water scarcity and diversion of the same for luxuries such as a swimming pool is therefore not desirable & not recommended at this stage, which may be reviewed, based on foot fall and clientele in future. The Committee also suggested that robust rainwater harvesting system and water conservation system be adopted.

Based on the deliberations and presentation made by the project proponent & considering that the project is permissible as per CRZ notification 2011, the Committee recommended the proposal for CRZ clearance subject to the following conditions:

- i) No ground shall be extracted for the project.
- ii) Swimming pool may be deleted from the scope of the project facilities for the present.
- iii) Robust rainwater harvesting system and water conservation system be adopted.

### **3.7 Establishment of Lighted Beacon at Patrie Island, Port Blair, Andaman and Nicobar by M/s Directorate of Light Houses and Lightship-CRZ Clearance [F.NO.11-29/2017-IA.III] reg.**

The project proponent made a presentation and provided the following information:

- (i) The project is aimed at felicitating the mariners and local fisherman to navigate safely in the Indian waters around Port Blair, in Andaman and Nicobar.
- (ii) The Patrie Island is an uninhabited island and has been declared as wild life sanctuary. It is situated at the peak (South-West) of Patrie Island at an altitude of 20m above MSL.
- (iii) The Island is highly undulating with steep rocky slopes of angle > 60° right above shore line on the west coast and has a flat ground on east coast.
- (iv) The proposed Patrie Lighthouse is to be developed in an area of about 225 Sq.m (15 m x 15m). It will have a 12m G.I high trestle tower with RCC Foundation. The lighting equipment will be LED based optical flasher Light and to be hoisted at Lat. 11°58'40.41"N and Long. 92°34'56.53"E.

- (v) The proposed lighted beacon will be powered by solar energy (2x200 W Solar Panel with battery backup) and maintained as an unmanned lighthouse.
- (vi) Proposal for diversion of forest land of 225 Sq.m at Patrie Island for the project is under consideration at Regional Office, MoEF&CC at Chennai.
- (vii) The project area falls in CRZ-I. This is because the whole of Patrie Island has been declared a wildlife sanctuary. However, no other eco sensitive areas like sand dunes, turtle breeding sites, mangroves are present in the vicinity of proposed site.
- (viii) The CRZ map including HTL/LTL demarcation has been carried out by IRS, Ana University.
- (ix) No ground water extraction will be carried out.
- (x) Cost of the project will be Rs 0.5 crores.
- (i) The proposal has been recommended for CRZ Clearance by the ANZMA vide their letter No. APCCF/FCA/110/Vol-II, dated 02.05.2017.

2. The Committee observed that the proposal is in the interest of coastal security, navigation for mariners and local fishing vessels and is required. *Based on the presentation made by the project proponent and deliberations in the EAC meeting & considering that the project is permissible under clause 4, ii (c) of CRZ notification 2011, the Committee recommended the proposal for CRZ clearance subject to the following specific conditions:*

- i) Prior approval from the Standing Committee of the NBWL shall be obtained as may be applicable.
- ii) No disturbances to the characteristics of the island shall be made due to the project activity.
- iii) Utmost care will be taken to transfer construction material from ship to island considering shallow nature of the island waters abode with corals.

### **3.8 Proposed Beach Resort Project at Beejadi Village, Kundapura Taluk, Udupi District, Karnataka by M/s Sunil R.Shetty-CRZ Clearance [F.NO.11-30/2017-IA.III] - reg.**

The project proponent made a presentation and provided the following information:

- i) The proposed project is located at Sy. No. 307 of Beejadi village, in Kundapura Taluk, of Udupi District, in Karnataka. Beejadi village is located at about 6 Km away from the Kundapura town.
- ii) This project will be developed on a plot of land measuring 12 acres and 26 Guntas (51,129.904 Sq.m). Total built up area will be about 5790.89Sq.m.
- iii) The proposed project site area lies within the 500m from the HTL and falls under CRZ-III Area. Existing building structures prior to 1991 vintage are located in the NDZ area. New Resort is proposed beyond 200 m of NDZ. As per the approved CZMP and provisions of CRZ notification, 2011.
- iv) The maximum height of the structure will not go beyond the 9m, in consonance with CRZ notification, 2011
- v) The FSI will be 0.11.



- vi) The proposed project site is adjacent to the Arabian Sea and is separated by an approach road towards west side. The project site is surrounded by the agricultural lands towards south & east directions. Beejadi village lies towards the northern side.
- vii) Cost of the project will be Rs 16.72 crores.
- viii) Project is expected to generate 17 KLD of Sewage and 60 kg/day of domestic biodegradable waste which will be treated at source. An STP is proposed.
- ix) Water requirement will be 18 KLD and will be met through Gram Panchayat. However, during construction period water from existing bore well will be used.
- x) Energy requirement and source: 100 KVA from KEB/MESCOM
- xi) The proposal has been recommended for CRZ Clearance by the KSCZMA vide their letter No. FEE 03 CRZ 2017, dated 12.06.2017.

2. The Committee observed that as per CRZ Notification, 2011 no new development can be permitted on the water side of 200 m of HTL i.e NDZ, so the request of the project proponent for re-development of the existing structure as a part of the project development cannot be considered in the NDZ.

Based on the clarifications provided during the meeting and on deliberations made the Committee recommended the proposal for CRZ clearance subject to the following specific condition:

- i) Existing structures in NDZ shall be untouched and no developmental activity shall be carried out in the NDZ area.
- ii) Ground water shall not be extracted for operation of the project.
- iii) Robust rainwater harvesting system and water conservation system shall be adopted.

### **3.9 Proposed residential and Holiday Resort on plot bearing Gut No. 126/1, Mauje Murud, Tal. Dapoli, Dist. Ratnagiri, Maharashtra by M/s Prabodh R Joshi - CRZ Clearance [F.NO.11-31/2017-IA.III] - reg.**

The project proponent made a presentation and provided the following information:

- (i) The proposed project site falls completely inside the 500 m line from the HTL of Arabian Sea and is in CRZ-III area as per CRZ Notification, 2011. There are no mangroves present in the vicinity of the project site. The distance of the site boundary from HTL of Arabian Sea is about 68 m. The construction is however proposed between 200 m to 500 m from the HTL of seafront. (i.e. No construction is proposed within NDZ i.e. 200 m from HTL).
- (ii) The total plot area is 6,800.00 m<sup>2</sup>. The total construction area is 1,465.67 m<sup>2</sup>. The project comprises of 4 (four) buildings viz. Building-A (Restaurant & Lodging): G+1st floor, Building B- Cottages (2 Nos): Ground only; Building C (Lodging): G+1st floor.
- (iii) The total height of the tallest structure will be 8.9 m (maximum).
- (iv) The FSI will be less than 0.33.

- (v) NOC from Maharashtra Pollution Control Board for discharge of sewage, solid waste etc. is being obtained. As it is a parallel procedure, NOC will be obtained after receipt of all the statutory approvals.
- (vi) During construction phase, total water requirement is expected to be 10 KLD which will be met by the existing well present in the site. Temporary sanitary toilets will be provided during peak labour force.
- (vii) During operational phase, total water demand of the project is expected to be 14 KLD and same will be met from Gram panchayat water supply and recycled water. Wastewater generated (13 KLD) will be treated in an STP of 20 KLD capacity. About 5.0 KLD of treated wastewater will be recycled for flushing. The excess treated water of 8.0 KLD will be used for gardening purpose.
- (viii) About 55 kg/d of solid waste will be generated, out of which biodegradable waste (33 kg/d) will be processed in vermi composting pits.
- (ix) The total power requirement during construction phase will be 25 kVA and will be met from MSEDCL. Total power requirement during operation phase is 116 kW (Demand Load) and will also be met from MSEDCL.
- (x) Rooftop rainwater of all building will be collected in 4 RWH tanks of total 40 m<sup>3</sup> capacity for harvesting after filtration.
- (xi) Parking facility for 12 four wheelers, 27 two wheelers and 29 cycles are provided as per local norms.
- (xii) Proposed energy saving measures would save about 23.48 % of power
- (xiii) The cost of the project cost is Rs. 2.5 Crores
- (xiv) The proposal has been recommended for CRZ Clearance by the MCZMA vide their letter No. CRZ 2015/CR 239/ TC 4, dated 12.06.2017.

2. The Committee noted that the present proposal, in addition to the Hotel Resort, is also for reconstruction of residential building of the project proponent. The Committee observed that the project proponent shall ensure that the residential house to be reconstructed shall be restricted to 2 floor (G+1) with an overall height of construction not exceeding 9 mts, in accordance with provision of CRZ notification, 2011. Accordingly, the project proponent shall provide details of his existing authorised residential portion of the structure to the Ministry.

3. The Committee also observed that the water requirement during operation of the resort is proposed through supply from gram panchayat and does not entail extraction of ground water. The Committee observed that this being so, the project proponent shall submit concurrence of the Gram Panchayat to the Ministry before processing for final CRZ clearance.

4. Based on the clarifications provided during the meeting and on deliberations made the Committee recommended the proposal for CRZ clearance subject to the following specific conditions:

- i) The project proponent shall provide details of his residential portion of the structure to the Ministry before issue of CRZ clearance.
- ii) Ground water shall not be extracted for operation of the project.
- iii) A robust rainwater harvesting system and water conservation system shall be adopted.

- iv) Consent of the Gram Panchayat for a committed water supply for operation of the Hotel resort shall be submitted to the Ministry before issue of CRZ clearance.

**3.10 Proposed Beach Resort on land bearing Survey No.123/1(Part A) of Morjim village, in Pernem Taluka, in North Goa by M/s Chakshu Properties Pvt Ltd.- CRZ Clearance [F.NO.11-32/2017-IA.III] - reg.**

The project proponent made a presentation and provided the following information:

- i) Project is located in between 200m -500 m of HTL in CRZ- III.
- ii) The total plot area is 21,241.00 sq.m and the total built up area will be 7801.36 sq.m.
- iii) The FSI will be less than 0.33.
- iv) Proposed project is a Zero Liquid Discharge project.
- v) During construction phase about 30 cum per day of water will be required, out of which 5 cum will be for drinking purpose and 25 cum for construction activities. Whereas, during operation phase, 28 Cum per day of water will be required. Fresh water required will be about 19.5 Cu. m per day, the rest will be met from recycled water.
- vi) The fresh water requirement will be met through private water tankers and Government water supply.
- vii) No ground water is proposed to be extracted.
- viii) The project is more than 1.0 km away towards the north of the buffer zone of the turtle nesting site. The nesting site is demarcated by the Office of Deputy Conservator of Forest, Govt. of Goa as per their letter no. 1-312/WL&ET(N)/16-17/1841, dated 02/11/2016
- ix) Green belt will be developed in 6449.60 Sq.m area
- x) An STP of 30 cum per day capacity is proposed to be set up for treating sewage generated.
- xi) The project was recommended for CRZ clearance vide letter No. GCMZA/N/14-15/164/2289 dated 22/02/2016.
- xii) The nearest Mangrove vegetation present is at Chapora Creek, and is at an approximate aerial distance of 6.0 km towards east of the project site.
- xiii) The total cost of the project will be Rs 50 crores.

2. The Committee noted that isolated sand dunes seem to be present near the site and in no case, shall be sand dunes be disturbed. The Committee further observed that the area being close to a turtle nesting site, it would only be appropriate that a robust turtle conservation action plan in consultation with the concerned agency in the State government need to be in place in addition to the implementation/plan envisaged or undertaken by the State agency.

3. Based on the deliberations made and clarifications provided by the project proponent, the Committee recommended the proposal for CRZ clearance subject to the following conditions:

- (i) Sand dunes present in the vicinity of the project site shall not be disturbed.

- (ii) No ground water shall be extracted.
- (iii) A robust rain water harvesting system shall be implemented.
- (iv) Considering the proximity of the site to sea turtle nesting areas, illumination at the resort must be Sea turtle friendly. Guidelines for the same can be sought from Wildlife Institute of India.

**3.11 Proposed Hotel Building at Sy.No.11-3A,11-4C,11-7,11/3B,11/8,11/5B2,11/6A,11/6B, Panamboor, No.154, Mangalore, Dakshina Kannada District, Karnataka by M/s Moti Mahal Hotels Pvt. Ltd.- CRZ Clearance [F.NO.11-33/2017-IA.III] - reg.**

The project proponent made a presentation and provided the following information:

- (i) The proposed project will be located at a site on the right bank of Gurupur river, north of Kolor Bridge on Edapalli Panvel Highway at Panambur, Mangalore, within the administrative boundary of Mangalore City Corporation.
- (ii) The project site is in CRZ-II. The proposed construction activity is at a distance of 34 m from the HTL. Two old, pre 1991, authorized structures exist within the site.
- (iii) The proposed hotel is to be developed over a plot area measuring 24,240.33 sq.m, and the built up area will be 19,909.44 sq.m. The total height will be 34.98 m
- (iv) The FSI of the proposed construction is 1.01
- (v) The proposed Hotel will have Ground + 9 Upper floors and will comprise of the following: 96 Rooms, 6 Restaurants, 2 Banquet Halls, 1 Coffee Shop, 1 Health Centre and 1 Bar.
- (vi) Waste water generated will be about 104 KLD and will be treated in an STP of 110 KLD proposed to be installed. Out of 104 KLD, about 40 KLD will be recycled after being treated and the remaining 61 KLD will be disposed of to underground drainage.
- (vii) Karnataka CZMA issued recommendation of the project for CRZ clearance to the MoEF&CC vide' letter no. FEE 192 CRZ 2017, dated 12th July, 2017 and subject to the condition that the construction would be permitted towards landward side of the existing two old structures.
- (viii) Roof top water will be collected in tanks and reused after filtration for domestic use
- (ix) Proposed storm water harvesting pits of 15 KLD capacity – 27 nos. are proposed.
- (x) Power supply will be met from Mangalore Electricity Supply Company Limited (MESCOM).
- (xi) The project cost is approx. Rs. 48 Crores.

2. The Committee observed that no construction activity can be permitted on the water front side of the existing buildings. The Committee also observed that about 61 KLD of treated STP effluent is proposed to be disposed of to the underground drainage. This will eventually flow to the river running near the site and hence the quality of treated effluent shall strictly be in conformity of the discharge standards into river and the project proponent shall ensure that an in-built

treated waste water quality checking mechanism in place. The Committee also noted that the proposed parking site needs a relook and shall be shifted away from NDZ.

3. Based on the deliberations made and clarifications provided by the project proponent, the Committee recommended the proposal for CRZ clearance subject to the following conditions:

- (i) No ground water shall be extracted.
- (ii) A robust rain water harvesting system shall be implemented.
- (iii) No construction activity shall be carried out on the water front side of the existing buildings.
- (iv) The project proponent shall ensure that the quality of treated effluent is strictly in conformity of the standards prescribed by CPCB/KPCB for discharge into river and an in-built treated waste water quality checking mechanism in place.
- (v) The proposed parking site shall be shifted beyond the NDZ of 200 metres from HTL.

### **3.12 Laying of water supply pipeline Crossing Kaman River on NH-8 near Juchundra Village by water pipeline of Surya Project by Mumbai Metropolitan Region Development Authority-CRZ Clearance[F.NO. 11-34/2017-IA.III] - reg.**

The project proponent made a presentation and provided the following information:

- i) Mumbai Metropolitan Region Development Authority has decided to take up water resources development projects and water supply systems to meet the growing demand of drinking water supply in the Region.
- ii) The project includes water supply scheme to bring water from Surya source owned by the Irrigation Department of Govt. of Maharashtra situated at about 54 km beyond the boundary of MMR on north side in order to augment the water supply of western sub-region of MMR.
- iii) Shaft of 50.Sq.m is proposed in CRZ-III area of Kaman Village on north side of creek and 50 sq. m. in CRZ-III area of Juchundra village in VVCMC on south coast of Kaman creek. The length of pipeline in CRZ III area of VVCMC is 268 Metres
- iv) The length of proposed micro tunnel will be 268 m. Diameter of the pipeline to be laid is 1829 mm. Pipe material shall be of Stainless Steel 316.
- v) Pipe shall be at level 10.5 meters below ground level and 5 meter below from river bed level.
- vi) There is no disturbance to mangroves at both the locations of the shafts.
- vii) As per the approved CZMP and provisions of CRZ 2011 notification the project location falls in CRZ-III area, as per CRZ map prepared by Centre for Earth Science Studies, Thiruvananthapuram, Kerala.
- viii) Few trees will be cut and 65.10 ha forest area will be diverted. Tree Authority of VVCMC & MBMC has granted permission.
- ix) This is a 403 MLD water supply project through pipeline from Kawdas weir of Surya Dam to MBMC & VVCMC.
- x) Energy consumption for micro tunneling 0.5 MWH.

xi) The proposal has been recommended for CRZ Clearance by the MCZMA vide their letter No. CRZ-2016/CR-378/TC-4 dated 31<sup>st</sup> March 2017.

2. The Committee observed that the present proposal is in public interest at large and prima facie the project may entail mild CRZ implications in so far as the Kaman Creek is concerned, but these would only be temporary. Based on the presentation made by the project proponent and deliberations in the EAC meeting & considering that the project is permissible under clause 4, ii (d) of CRZ notification 2011, the Committee recommended the proposal for CRZ clearance subject to the following specific conditions:

- (i) The project proponent shall ensure that the flow in the Kaman Creek is not disturbed due to the proposed activity and that the site is restored after the laying of the pipeline
- (ii) No mangroves should be destroyed for the proposed activity
- (iii) All the other mandatory permission from different statutory authorities should be obtained prior to commencement of work.

**3.13 Construction of 2- Lane Bridge over Middle Strait at Km 107.00 of NH-223 in the Union Territory of Andaman & Nicobar Islands- CRZ Clearance [F.NO.10-38/2015-IA.III] reg.**

The proposal was earlier considered in the 156<sup>th</sup> and 162<sup>nd</sup> meeting of the Committee held during 28-29 January, 2016 and 29<sup>th</sup> August, 2016 respectively. The proposal was deferred then due to certain shortcomings as reflected in the minutes of the meetings. The project proponent made a presentation and provided the following information:

- (i) The present site of the 2-lane Creek Bridge at Middle Strait comprises the section of National Highway-223 commencing existing chainage, Km. 106.590 (on Middle Strait Jetty Side, South Andaman Island) and meets at existing chainage, Km. 107.762 (on Nilambur Jetty side, Baratang Island).
- (ii) Length of the proposed bridge will be 1.963 Kms
- (iii) The proposed bridge will pass through different CRZ zones i.e, CRZ-IA, CRZ-III, CRZ-IVB.

<b>CRZ Area</b>	<b>Length (m)</b>	<b>Area (ha) (18 m Corridor )</b>
CRZ-1A	637.75	1.148
CRZ-III	135.36	0.244
CRZ-IVB	282.28	0.508
Total area under CRZ	1,055.93	1.900

- (iv) There are two missing links on NH-223 i.e. the First one is Middle Strait Creek which is between South Andaman Island & Baratang Island (at Km.107 of NH-223) and the other is Humphrey Strait Creek which is between Baratang Island & Middle and North Andaman Island (at Km. 130 of NH-223).
- (v) Total length of the project is 1963m out of which 960m is bridge length & 1003m (580m + 423m) is the approach road on both sides.

- (vi) The project requires diversion of 2.77 Ha of forest land. A total of 627 nos. of trees are required to be felled.
- (vii) The silent features of proposed bridge are as follows :

<b>S. No.</b>	<b>Characteristics</b>	<b>Approved Alignment</b>
1	Orientation of Bridge	South-West to North-East
2	Bridge Proper Length (m)	960
3	Total Approach Length (m)	1003 (580m in South Andaman & 423m in Baratang Island)
4	Total length of Construction (m)	1963
5	ROW Width Required	18m
6	Forest Land Required (Ha)	2.77 Ha
7	Bridge alignment in Jarwa Reserve Forest (m)	660m (580m- Approach & 80m- Bridge Structure)

- (viii) The bridge approach alignment falls in the eco sensitive area of Jarwa Reserve Forest (South Andaman Island) for 580m length
- (ix) The total project cost is Rs. 262.97 Crores
- (x) Approval of Hon'ble Supreme Court & Directorate of Tribal Welfare, Andaman & Nicobar Administration has been obtained.
- (xi) During construction phase, small quantity (50 - 75kg) of solid waste will be generated from construction labour camps. Municipal waste generated from labour camps and by workers will be collected, segregated and disposed after segregation as per provision of Municipal Solid Wastes (Management & Handling) Rules, 2000.
- (xii) Waste generated from waste oil generated from maintenance of heavy machinery will be collected and given to MOEF approved waste oil recyclers.
- (xiii) The project will also create direct and indirect employment opportunities significantly during construction and operation phase
- (xiv) The proposed project will be helpful in welfare of people by providing better, rapid and safe transport facilities in the region.
- (xv) The project proponents could not provide details on number of mangrove trees that will be felled for the construction of bridge.
- (xvi) The project proponent also could not furnish mangrove conservation plan that is necessary.

2. The Committee noted that the matter of restriction of activities in the area before Hon'ble Supreme Court in SLP No. 12125 of 2010. The Committee was informed by the project proponent that the project also has a strategic national importance.

3. The Committee also perused the admissibility in so far as the provisions of CRZ Notification, 2011 is concerned since the project involve mangrove destruction. It was also noted that about 10 piers will be required to be constructed in mangrove area and the project proponent need to come out with a detailed mangrove

conservation and development action plan, considering that a significant number of mangroves shall be affected due to the project alignment.

4. Based on deliberations had the Committee decided that the project needs to be reviewed after details of information above are provided by the project proponent. Accordingly the proposal was deferred for further deliberations by the committee once the mangrove conservation plan/ compensatory plantation plan is finalised and submitted and other details on admissibility under CRZ Notification 2011/ EIA Notification 2006 are available.

**3.14 Revalidation of CRZ Clearance granted for Hotel Project at Madura-Devaneri Village, Mammallapuram, Thirukalukundram Taluk, Kanchipuram District, Tamil Nadu for M/s Chandrakala Resort Hotels Pvt. Ltd. [J-19011/6/1997-IA.III] - reg.**

The proposal is for consideration of revalidation of CRZ Clearance granted to M/s Chandrakala Resort Hotels Pvt. Ltd. for Hotel Project at Madura-Devaneri Village, Mammallapuram, Thirukalukundram Taluk, Kanchipuram District, Tamil Nadu vide MoEFCC letter no. J-19011/6/97, dated 06.12.2005.

2. The proponent was required to start the construction within five years from the date of issue of clearance. However as informed by the proponent, owing to financial constraints, the project did not take off. The proponent applied for revalidation and was required to present his case before the EAC during 21-22, April 2014. However, as the issues had still not been sorted out, the proponent did not turn up for the meeting. The proponent however submitted during the meeting that they are now in a position to take up the project and would submit an undertaking about their financial capability to take up the project.

3. The Committee noted that, as also discussed in the 173<sup>rd</sup> meeting held on 24.07.2017, requests have been received in the Ministry for extension of validity of CRZ Clearances. It was also again informed that unlike the EIA Notification, 2006, there is no provision for extension of validity under the CRZ Notification, 2011.

4. The Committee was further informed that it had in the last 173<sup>rd</sup> meeting deliberated the issue and agreed that while there is no specific provision in the extent CRZ Notification, 2011 for extension of clearances issued, mere absence of an enabling provision should not be a hindrance in issuing extension of validity of CRZ clearance provided due environmental jurisprudence has been observed in considering the extension.

5. In view of the above, the Committee reiterated that as decided in the last meeting, the Ministry may consider such cases purely on merit and until due amendment as may be required in the existing statute is carried out, extension of validity of CRZ clearance may be considered, including the present proposal, subject to all stipulated conditions as in the original clearance letter dated 06.12.2005 remaining unaltered. The Committee further recommended that necessary specific



conditions as may be admissible on date may be stipulated in addition to the existing conditions stipulated in the original clearance letter dated 06.12.2005.

The meeting ended with a vote of thanks to the Chair.

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