

MINUTES OF THE 178th MEETING OF EXPERT APPRAISAL COMMITTEE FOR PROJECTS RELATED TO COASTAL REGULATION ZONE HELD ON 17th October, 2017 AT INDIRA PARYAVARAN BHAWAN, MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE, NEW DELHI

The 178th Meeting of the Expert Appraisal Committee for projects related to coastal regulation zone was held on 17.10.2017 at Brahamputra Hall, Indira Paryavaran Bhawan, New Delhi. The members present were:

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|-----|-----------------------------|---|------------------|
| 1. | Dr. Deepak Arun Apte | - | Chairman |
| 2. | Dr. V.K Jain | - | Member |
| 3. | Dr. M.V. Ramana Murthy | - | Member |
| 4. | Shri. T.P. Singh | - | Member |
| 5. | Dr. N.K Verma | - | Member |
| 6. | Dr. Anil Kumar Singh | - | Member |
| 7. | Dr. Mohan Singh Panwar | - | Member |
| 8. | Shri. N.K. Gupta | - | Member |
| 9. | Shri. Sharad Chandra | - | Member |
| 10. | Shri. Arvind Kumar Nautiyal | - | Member Secretary |

Dr. Anuradha Shukla conveyed her inability to attend. Dr. Asha Juwarkar, Shri. Narendra Surana and Shri. Prabhakar Singh were absent.

Also in attendance: Shri W. Bharat Singh, Joint Director, MoEFCC, Ms. Sandhya Raghav, Legal Assistant, MoEFCC and Ms. Gurpreet Kaur Oberoi, 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 175th meeting with a observations to the Secretariat to make necessary corrections to grammatical errors as seen in the minutes.

3.0 CONSIDERATION OF PROPOSALS:

FRESH PROPOSALS

3.1 Proposal for establishment of Lighted Beacon at Honiph Rock Point, Kathal Island, Andaman & Nicobar by Director Of Lighthouses and Lightships Port Blair-CRZ Clearance [F.NO.11-36/2017-IA.III] - reg.

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

- (i) The Honiph Rock Pont lighthouse is aimed at providing navigational safety to passenger/Cargo/Fishing vessels approaching Campbell Bay jetty and sailing between Katchal and Nancowry Islands.

- (ii) It is proposed to be located at the northern tip of Honiphrock Point at Katchal Island.
- (iii) Till be a 12.0 m high trestle tower structure and to be constructed at Latitude 7°58.15'N and Longitude 93°35.45'E.
- (iv) The Katchal Island is an inhabited Island and declared as Tribal Reserve. It is situated at an altitude of 20m above MSL.
- (v) The proposed Lighthouse is to be developed in an area of about 400 Sq.m (20 m x 20m) for lighthouse complex and 1000 sq.m (2 m x 500m) for pathway. Total area required thus is 1400 sq.m.
- (vi) Since the proposed project is being located in the reserve forest area, the proposal for diversion of 1400 sq.m of forest land has been undertaken and Stage-I clearance for the same have been obtained from MoEF&CC, Chennai vide letter no F.No. 4-ANB006/2016-CHN/1451, dated 11.09.2017.
- (vii) The lighting equipment will be LED based optical flasher Light and light switching device will be Light Dependent Register.
- (viii) The proposed Lighthouse will be powered by solar energy (400 W) and will be unmanned.
- (ix) The proposed location is in CRZ-III.
- (x) The CRZ map including HTL/LTL demarcation has been carried out by IRS, Ana University.
- (xi) About 50 KL water would be required for the construction purpose, and the same will be purchased from commercial water supplier at Port Blair and Transported to the site through departmental vessel.
- (xii) The Roof of the equipment room is proposed to be used for collection of Rainwater and the same shall be stored in a water tank. The collected rain water shall be used for the visiting staff and officials during maintenance of the Lighthouse.
- (xiii) Cost of the project will be Rs 0.5 crores.
- (xiv) The proposal has been recommended for CRZ Clearance by the ANZMA vide their letter No. CF/EPA/1/Vol-XIV/143, dated 19.09.2016.

2. The Committee noted that the area is a severely eroding area and the project proponent shall be mindful of the same even though the lighthouse proposed to be located is quite far away and at elevation of 10 m above MSL. The Committee however observed that the proposal is in the interest of coastal security, navigation for mariners and local fishing vessels. Based on the presentation made by the project proponent and deliberations held and 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 while transferring construction material from boat/ship to the island considering that the island waters are pristine and abode to marine flora and fauna.

- iv) The area being Important Bird Area, utmost care to be taken to avoid light pollution affecting nocturnal and endemic birds.

3.2 Proposal for establishment of Lighted Beacon at Tries Island at Little Nicobar Island by Director of Lighthouses and Lightships Portblair- CRZ Clearance [F.NO.11- 37/2017-IA.III] reg.

- (i) The establishment of Lighthouse at Tries Island was sanctioned by the Government of India for providing Navigational aids to the vessels approaching to Campbell Bay jetty.
- (ii) The Lighthouse is proposed to be situated at the north-east Coast of Tries Island, which is one of the Island of Nicobar groups of Islands.
- (iii) The proposed Lighthouse will be 24.0 m high trestle tower and to be constructed at Latitude 7°28.5'N and Longitude 93°38.4'E. The elevation of the site is at 10 m above MSL. It will be an unmanned lighthouse.
- (iv) The Tries Island is an uninhabited Island and the mode of approach to this Island is only through sea by the Departmental vessel of the A&N Administration.
- (v) The Eastern shore of the Island has sandy beach (other regions are surrounded with rocks) and it is approachable with mechanised boat from the safe anchor point of Ship for about 20 minutes ride during fair season.
- (vi) The proposed Lighthouse site can be approached from the shore by trekking through dense forest for about 100 m.
- (vii) Land of 250 Sq.m has been allotted to DLL, Port Blair for establishment of Tries lighthouse by MoEF&CC vide letter no. F.No.5-AIB042/2011-BHU/7, dated 10.4.2015.
- (viii) The proposed 24.0m high G.I trestle tower is a prefabricated steel structure with bolted connections. The tower foundation will be an RCC Raft foundation.
- (ix) The proposed Tries Lighthouse is to be developed in an area of about 400 Sq.m (15 m x 10m) for lighthouse complex and 100 sq.m (2 x 50) m for approach road.
- (x) The lighting equipment will be LED based optical flasher Light and light switching device will be light dependent register.
- (xi) The proposed Tries Lighthouse will be powered by solar energy (400 W).
- (xii) The proposed lighthouse located in CRZ-III.
- (xiii) The CRZ map including HTL/LTL demarcation has been carried out by IRS, Anna University.
- (xiv) About 50kl water would be required for the construction purpose, and the same will be purchased from commercial water supplier at Port Blair and Transported to the site through departmental vessel.
- (xv) The Roof of the equipment room is proposed to be used for collection of Rainwater and the same shall be stored in a water tank. The collected rain water shall be used for the visiting staff and officials during maintenance of the Lighthouse.
- (xvi) Cost of the project will be Rs 0.5 crores.
- (xvii) The proposal has been recommended for CRZ Clearance by the ANZMA vide their letter No. APCCF/EPA/1/Vol-XIV/272, dated 20.11.2015.

2. The Committee observed that the proposal is in the interest of coastal security, navigation for mariners and local fishing vessels. 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 statutory clearances such as approval from the Standing Committee of the NBWL or Forest clearance, as may be applicable shall be obtained prior to commencement of construction of the light house.
- 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.
- iv) The area being Important Bird Area, utmost care to be taken to avoid light pollution affecting nocturnal and endemic birds.

3.3 Proposal for construction of a Resort Building in the 113 Cents land in Survey no.701/1 and 701/2 of Varkala Municipality of Thuruvananthapuram, Kerala by M/s Sea Cliff Resorts Private Limited-CRZ Clearance[F.NO.11-38/2017-IA.III]- reg.

The Committee noted that project proponent was not fully prepared to make a presentation and to provide requisite details in specific reference to the provisions under the CRZ Notification, 2011 and therefore decided that in case the proponent is ready by the end of the last item as per the agenda, the proposal could be considered. Committee also observed that considering the geomorphological importance of Varkala cliffs, there is an active proposal to declare Varkala cliffs as a 'national geopark' under a Geological Survey of India (GSI) initiative to preserve geologically important sites in the country. With this, Varkala stands a chance to find a place in the UNESCO's world map of geo-heritage sites. Varkala cliff is seriously affected by slumping and unplanned land use on the Varkala cliff could be detrimental to the stability of the system. The project proponent must submit NOC from concerned authorities on this aspect. However, the proponent could not avail the opportunity given and therefore it was decided that the item may be deferred till the next meeting of the EAC.

PROPOSAL FOR RE-CONSIDERATION:

3.4 Proposal for construction of star category Hotel & Resort at Village Munage, Sadewadi, Tehsil Devgad, District Sindhudurga, Maharashtra by M/s Menon Signature Private Limited (formerly M/s Karveer Leisures Pvt. Ltd.)- CRZ Clearance [F.No. 11-39/2017-IA.III] reg.

The proposal of M/s Menon Signatures Pvt. Ltd. (formerly known as M/s Karveer United Leisures Pvt. Ltd.) for construction of a resort at Sy.No. 163 and 168, in village Mouje Munage Sadewadi, in Taluk Devgad, in District Sindhudurg, in Maharashtra, was earlier considered in the 170th Meeting of the Committee held on

11.05.2017. In the said meeting, the project proponent had presented the following information to the Committee:

- i) The proposed site is situated near the existing Malvan port & Sindhudurga approximately 18 km. The GPS location of the project is N 16°14'53.99" and E 73°25'01.97". It is located within 200 m to 500 m from HTL of Seafront
- ii) Beach resort near Chilwala & Tarkarli beach is at 20 km from project site.
- iii) The total plot area will be 13,8023.0 sq.m and the total proposed built-up area will be 6,427.56 sq.m.
- iv) Height of the building at maximum point will be 9 m and FSI will be 0.33.
- v) The total cost of the proposed project is Rs 9.0 Crores.
- vi) The proposed area falls in CRZ III.

2. The Committee in the aforesaid 170th meeting had observed that as per information available, the present land use classification of the proposed site was unclear and there was no documentary evidence to support that the proposal fits into the land use of the site as per revenue records. The Committee therefore decided that the proposal was pre-mature for consideration in its present form. The project proponent thereafter provided a letter from the Collector of the Sindhudurg District as a clarification to the observation made by the Committee in the 170th meeting and was therefore placed for re-consideration.

3. The Committee deliberated and noted that the clarification now provided suffices the requirements. The Committee also noted that the proposed resort is to be operational from water sourced from Gram Panchayat and therefore decided that as a matter of abundant precaution, the project proponent may provide copy of permission from the Gram Panchayat to the Ministry for records. The Committee further observed that in any case the proposed resort shall draw ground water even for construction purpose.

4. The Committee noted that the proposal for landscape shown cannot support plantation and any attempt to the proposed plantation may need blasting etc. which will damage the landscape. The Committee observed that the proposed site being on a rocky plateau, with very little vegetation, not supporting trees, therefore advised the project proponent for considering only endemic and plateau specific species of vegetation for beautification and landscaping.

5. It was also noted that the sludge disposal plan shall be revised and a detailed plan of action along with a road map for disposal of sludge clearly also indicating its anticipated characteristics and quantity generated shall be submitted to the Ministry.

6. Based on the deliberations held and clarifications provided the Committee however observed that the proposal can be recommended for CRZ clearance subject to the following specific conditions:

- i) A 2% of the cost of the project shall be apportioned for marine and coastal biodiversity protection and conservation measures, to be spent by the project proponent towards fulfilling its Corporate Environmental Responsibility (CER)

during the currency of the project. Proper record and account of measures taken should be maintained and should also be submitted to the CZMA every six months.

- ii) A copy of permission for water to be utilized for operation of the proposed resort from the Gram Panchayat shall be submitted to the Ministry for records before file is processed for final clearance.
- iii) A detailed revised plan of action along with a road map for disposal of sludge clearly also indicating its anticipated characteristics and quantity shall be submitted to the Ministry for records before file is processed for final clearance.
- iv) No developmental activity shall be carried out in the NDZ area.
- v) Ground water shall not be extracted for the project.
- vi) A robust rainwater harvesting system and water conservation system shall be adopted.
- vii) No plantation should be taken up at the site since it is coastal plateau which is a distinct habitat having several endemic flora. The open land must be kept as it is. Kokan Krishi Vidyapeeth should be consulted while developing remaining area as a green belt for the project.

PROPOSAL FOR AMENDMENT IN CRZ CLEARANCES:

3.5 Amendment of CRZ Clearance for Beach Resort Project "Karthikavanam Eco-Tourism Project" at Survey No.106, Yendada Village, Chinagadila Mandal (Vishakhapatnam Rural) Visakhapatnam District, Andhra Pradesh by M/s MAG Leisures[F.NO. 11-12/2013-IA.III] - reg.

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

M/s Mag Leisure was accorded CRZ Clearance on 26.02.2014 for development of beach resort as "Karthikavanam Eco - Tourism Project" at Sy.No. 106 at Yendada village area of Greater Vishakapatnam Municipal Corporation over a plot area measuring 10 acres. The proposal is for an amendment to the CRZ clearance issued as the project proponent now desires to make changes in the proposed construction as follows:

A) Proposed changes:

| S.N | Description | Approved as per CRZ Clearance issued on 26.02.2014 | Proposed amendment sought |
|------------|---|---|------------------------------------|
| 1. | No of cottages | 84 | 86 |
| 2. | Parking area | 3895.93sq.m | 5015.60 sq. m |
| 3. | All Weather Sampradaya Vedika instead of open air theatre | 1910.10 sq.m (Open air theatre) | 4730.33sq.m (Covered structure) |
| 4. | Total Built-up Area | 8,478.5 Sq.m | 12,764.60 Sq.m. |

B) Land use statement:

| S.N | PLOT AREA | | | | |
|-----|---------------------------------|-------------------------------|--------------|--------------------|--------------|
| | Description | Approved as per CRZ Clearance | | Proposed amendment | |
| | | Sq.m | Acres | Sq.m | Acres |
| 1. | Parking | 3895.93 | 0.96 | 5015.60 | 1.23 |
| 2. | Circulating area | 4777.75 | 1.18 | 7106.03 | 1.76 |
| 3. | Landscaping | 24651.12 | 6.09 | 21212.16 | 5.24 |
| 4. | Built-up area (Ground coverage) | 5267.21 | 1.30 | 7168.32 | 1.77 |
| 5. | Open Air Theatre | 1910.10 | 0.47 | - | - |
| | Total Plot Area | 40502.11 | 10.00 | 40502.11 | 10.00 |

2. The Committee noted that the proposed changes are mostly on account of conversion of open air theatre to covered structure necessitated due to rainfall experienced in large part of the year in the area and increased parking space. The Committee also noted that the project proponent has obtained recommendation for the amendments sought from the Andhra Pradesh Coastal Zone management Authority vide letter no. 09/CZMA/2016, dated 20.03.2017.

3. Based on the presentation made and clarifications provided the Committee recommended that the Ministry may issue necessary amendments subject to inclusion of specific conditions as applicable on date but not mentioned in the earlier clearance issued on 26.02.2014. The Committee decided while carrying out the amendment, the following condition in particular, shall be now added in addition to others applicable:

- (i) A 2% of the cost of the project shall be apportioned for marine and coastal biodiversity protection and conservation measures, to be spent by the project proponent towards fulfilling its Corporate Environmental Responsibility (CER) during the currency of the project. Proper record and account of measures taken should be maintained and should also be submitted to the CZMA every six months.

EXTENSION OF VALIDITY OF CRZ CLEARANCES:

3.6 Extension of validity of CRZ Clearance for construction of Sea Water Intake and Outfall Pipelines for discharge of treated effluent into Estuary of River Narmada of Dahej Thermal Plant at Dahej, District Bharuch, Gujarat by M/s Adani Power Dahej Ltd.F.NO. 11-35/2012-IA.III]- reg.

The present proposal of M/s Adani Power Dahej Ltd. is for seeking extension of validity of CRZ clearance issued for sea water intake and outfall facilities for the

2640 MW (4x660 MW) Coal based Thermal Power Plant in Dahej. The project proponent made a presentation and provided the following information:

Environmental clearance for the thermal power plant was obtained on 25.10.2011. Later CRZ Clearance for the inlet for construction of Sea Water Intake and Outfall facilities for this 2640 MW (4x660 MW) Coal based Thermal Power Plant was granted by MoEF&CCon 09.08.2012. Consent to Establish was also issued by the Gujarat Pollution Control Board. However, the construction of the TPP and accordingly the pipelines for sea water intake and outfall has so far not commenced. While the EC for the TPP is valid upto 24.10.2018, the CRZ clearance was valid upto 08.08.2017. The project proponent further submitted that there is no change in the original project configuration.

2. The Committee was informed that in the last two meetings similar requests received in the Ministry for extension of validity of CRZ Clearances were considered. It was also again informed that unlike the EIA Notification, 2006, there is no specific clause related to extension of validity under the CRZ Notification, 2011. The Committee recommended extension of validity of CRZ clearance provided due environmental jurisprudence has been observed in considering the extension.

3. The Committee noted that in the instant case and the EC for the TPP is still valid and the inlet outlet pipeline is an integral part of the TPP. In view of the above, the Committee decided that the validity of CRZ clearance may be extended subject to all stipulated conditions as in the original clearance letter remaining unaltered and necessary specific conditions as applicable on date stipulated in addition to the existing conditions in the original clearance. The Committee further decided while carrying out the revalidation of CRZ Clearance, the following condition in particular, shall be now added in addition to others applicable:

- (i) A 2% of the cost of the project shall be apportioned for marine and coastal biodiversity protection and conservation measures, to be spent by the project proponent towards fulfilling its Corporate Environmental Responsibility (CER) during the currency of the project. Proper record and account of measures taken should be maintained and should also be submitted to the CZMA every six months.
- (ii) Non vegetated mudflats must be maintained as it is and no mangrove plantation should be taken on the same considering that these mudflats are vital for migratory birds.

3.7 Extension of validity of the CRZ Clearance issued for construction of Beach Resort at R.S.No.144, Poornankuppamrevenue Village, Ariyankuppam Commune Panchayat, Puducherry by M/s Annamalai Sea View Resort [F.NO. 16-4/2009-IA.III] - reg.

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

CRZ Clearance for the proposed resort at R.S.No.144, Poornankuppam Revenue Village, in Ariyankuppam Commune Panchayat, in Puducherry was issued on 31.05.2010 but the construction of the project could not commence as there were financial issues and low tourism potential. Arrangement for financial implications for the proposed project has now been set in place and considering that tourism in the region is favourable, the project proponent has sought extension of validity of the CRZ clearance to commence construction.

2. The Committee observed that there are no changes proposed to the original layout and the project proponent has also got the proposal re-validated by the Puducherry Coastal Zone Management Authority. The Committee therefore decided that the instant case can be considered and recommended for extension of validity of CRZ Clearance by the Ministry. The Committee however observed that necessary specific conditions as may be admissible on date stipulated in addition to the existing conditions in the original clearance issued. The Committee further decided while carrying out the revalidation of CRZ Clearance, the following condition in particular, shall be now added in addition to others applicable:

- (i) A 2% of the cost of the project shall be apportioned for marine and coastal biodiversity protection and conservation measures, to be spent by the project proponent towards fulfilling its Corporate Environmental Responsibility (CER) during the currency of the project. Proper record and account of measures taken should be maintained and should also be submitted to the CZMA every six months.

3.8 Extension of validity of CRZ Clearance for construction of sea water intake and outfall facilities including construction of jetty for 2640 MW Bhavanapadu Thermal Power Project at Kakrapalli Village, Santhabommali Mandal, Srikakulam District, Andhra Pradesh by M/s East Coast Energy Private Limited[F.NO. 10-48/2009-IA.III]- reg.

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

M/s East Coast Energy Private Limited (ECEPL) is setting up the 2640 MW (Phase – I: 2 X660 & Phase – II: 2 X 660)Bhavanapadu Thermal Power Project at Kakrapalli Village, Santhabommali Mandal, Srikakulam District of Andhra Pradesh. Environment Clearance for the project was accorded by MoEF&CC vide order No. J-13011/36/2008-IA.II(T) on 09.04.2009. The validity of the said Environment Clearance has subsequently been extended upto 08.04.2019 vide MoEF&CC letter dated 21.08.2014. The validity of the CFE for the Thermal Power Project has also been extended upto 08.04.2019 by APPCB vide its letter dated 30.12.2014.

The CRZ Clearance for the marine facilities of the Project was accorded by MoEF&CC vide order No. 10-48/2009-IA.III dated 12.07.2012. The CRZ Clearance issued by MoEF for the marine facilities of the Bhavanapadu Thermal Power Project expired on 12.07.2017 and the project proponent now seeks extension of its validity for a further period of five (5) years, to enable the completion and commission the project.

2. The Committee noted that as discussed in a similar item No. 3.6 above, the validity of CRZ clearance of the proposed sea water intake and outfall facilities (including jetty) for the thermal power project can be considered and recommended that necessary extension of validity of CRZ clearance may be issued. The Committee however observed that necessary specific conditions as may be admissible on date stipulated in addition to the existing conditions in the original clearance issued. The Committee further decided while carrying out the revalidation of CRZ Clearance, the following condition in particular, shall be now added in addition to others applicable:

- (i) A 2% of the cost of the project shall be apportioned for marine and coastal biodiversity protection and conservation measures, to be spent by the project proponent towards fulfilling its Corporate Environmental Responsibility (CER) during the currency of the project. Proper record and account of measures taken should be maintained and should also be submitted to the CZMA every six months.

3.9 Any other item with the permission of the Chair.

There being no other agenda item, the meeting ended with a vote of thanks to the Chair.
