

149

Proceedings of the 18th meeting of the Odisha Coastal Zone Management Authority held on 4.10.2012 at 11.30 A.M.

Members Present: given at Annexure-I. By FAX

The 18th meeting of the Odisha Coastal Zone Management Authority (OCZMA) was held under the Chairmanship of Principal Secretary to Government, F & E Department in the conference hall of OCZMA at Plot No.108, Suryanagar, Bhubaneswar.

Initiating the discussion, the Principal Secretary F&E emphasized for the following activities which shall be undertaken by OCZMA urgently.

1. Preparation of CRZ Maps using latest satellite data with high resolution as the old maps in 1:25000 scale were prepared during 1995-96 using old satellite data.
2. People in the Coastal districts shall be sensitized about various aspects of CRZ Notification, 2011. The sensitization programme conducted for Puri District by SPMU, ICZM Project is a good initiative. Such programmes shall be organised in other coastal districts also. The Odia version of the CRZ Notification shall be distributed during subsequent sensitization programmes.
3. OCZMA Notification issued by the MoEF, Government of India incorporates various enforcement mechanisms. These mechanisms shall be undertaken by OCZMA. Accordingly, the compliance of conditions imposed by OCZMA while granting CRZ clearance shall be monitored.
4. Complaints regarding violations of CRZ Regulations needs to enquired and dealt effectively. Necessary procedures may be worked out.

PD, ICZMP informed that Survey of India is doing the aerial photograph covering entire Coast of the Country and they would delineate the hazard line based on that under ICZMP. SOI would be organising a meeting at Hyderabad on 16th October 2012 to explain the activities carried out by them in this regard.

The following projects were placed before the OCZMA for their consideration.

1. **Phase-II expansion at Dhamra Port at Dhamra, Tahasil-Chandbali in the district of Bhadrak**

The Dhamra Port Company Limited made a presentation for their proposal for Phase-II expansion of Dhamra Port within the existing port limits. The proposed expansion activity will include dredging and reclamation, construction of cargo berth

(cargo handling capacity of Phase II expansion is 71.30 MTPA), Widening of navigation channel, Development of internal and external connectivity, Cargo storage areas, Infrastructure facilities and facilities for treatment or disposal of solid waste or liquid effluents. The Project phase II expansion site over 456 acres falls partly in CRZ- I (B), CRZ-III and CRZ-IV.

The matter was discussed in detail and the Members raised the following issues:

- (i) Study on conservation of horse shoe crab
- (ii) Land use and land cover map in 1:10,000 scale,
- (iii) Land use pattern of proposed area before and after the operation of the first phase of the port,
- (iv) Satellite data on the present locations,
- (v) Bio-diversity status in proposed area and
- (vi) Compliance of the phase-I E.C conditions imposed by MoEF and other Statutory agencies.

Accordingly, the project proponent was asked to submit the following documents for circulation to all members of the OCZMA.

1. Report of IUCN
2. Report of NIO, Goa
3. Land use and land cover coloured maps indicating accretion and erosion.
4. Report of study if any made on horse shoe crab
5. Since accretion in the Kanika island is observed progressively information and report on shoreline study if any.
6. A detailed note on the present status of compliance to conditions imposed by MoEF and other statutory bodies regarding phase I of the project.
7. The dredging disposal plan of the capital & maintenance dredging.

It was decided that Member Secretary along with three other Members of OCZMA will visit the area and submit a report after the information are made available by the project proponent.

2. Proposal for development of camp site infrastructure at Khirisahi in the District of Puri under ICZM Project, Odisha.

Chilika Wildlife Division, Balugon made a presentation on their proposal for up gradation and development of existing Forest Department Camp Infrastructure at Khirisahi in Puri District to provide public shelter, facilities for tourist, monitoring by Forest Dept. personnel, conservation and monitoring of sea turtle and other aquatic fauna by involvement of NGOs & Public.

Camp site infrastructure will be constructed within PRF, Berhampura on a land of 0.05 ha owned by Govt. of Odisha where present camp site in dilapidated condition exists. The cost of the project is Rs. 10 lakh. Proposed construction will cover 697 sq. ft in the ground floor and 830 sq ft in the first floor. Project is located in CRZ-I area. The proposed activities are permissible as these facilities are essential for activities permissible under CRZ-I (Para- 8 (i) I.CRZ-I (i)(c) of CRZ Notification, 2011).

The matter was discussed and OCZMA decided to grant necessary clearance for the proposed project under CRZ Notification, 2011 with following stipulations

- (i) It should be used only for the stated purposes.
- (ii) The structure shall match with natural surroundings.
- (iii) The structure shall have solar lighting and green building concept.

3. Proposal for strengthening 10 Nos. of existing Saline Embankments under NCRMP project of Water Resource Department

The Chief Engineer, Basin Manager, Lower Mahanadi Basin, O/o Engineer in Chief, Water Resource, Odisha submitted a proposal for strengthening of 10 nos. of existing Saline Embankment Projects under NCRMP with the purpose to protect people livestock, agricultural fields, prevent water logging and saline ingress from the storm surge due to cyclone and tsunami and to help people with sustainable agriculture production. The Saline Embankments gives protection to the habitation and agricultural lands from damage due to storm surge, providing alternative communication facility over the saline embankments and saving of lives of the people in the locality by way of movement of rescue/relief and emergency aid.

Under this project, raising and strengthening of the existing Saline Embankments which can withstand storm surge are proposed. A brief of the individual project indicating location of the saline embankment, land requirement and CRZ status of the area is given below:

Sl. No	Location of Saline Embankment	Land required	Cost of the Project	CRZ status of the Area
1	From Patua to Garhharishpur & Garhharishpur to Kalabedi in Jagatsinghpur district	17.14 ha	Rs. 2152.63 Lakhs	CRZ - I & III
2	Chasisava Saline Embankment	10.00 ha (4000 mt X 25 mt)	Rs. 10,27,96,700	CRZ - III
3	Sasanpeta Saline Embankment (AED- 03)	7.50 ha (3000 mt X 25 mt.)	Rs. 8,40,87,000	CRZ - III
4	Rajnagar - Gopalpur Saline Embankment (AED -04)	25.00 ha (10000 mt X 25 mt.)	Rs. 22,16,38,000	CRZ - III
5	Raising & strengthening of Saline Embankment from Bandar to Kathagadi Sluice	35.17 ha, 351700 Sqm	Rs. 4088.11 Lakhs	CRZ - I & III
6	Nagar - Saline Embankment (NMPD -01)	17.16 ha (6600 mt X 6 mt)	Rs. 15,90,57,200	CRZ - III
7	Keutajanga Saline Embankment (NMPD -02)	11.55 ha (4115 mt X 28 mt)	Rs. 10,27,47,200	CRZ - III
8	ChotipadaBadaraula Saline Embankment (NMPD -04)	9.88 ha. (3660 mt X 27 mt)	Rs. 9,07,03,800	CRZ - III
9	TandaharaSingarapal Saline Embankment (NMPD- 08)	4.23 ha. (1760 X 24 mt.)	Rs. 5,06,46,600	CRZ - III
10	Raising & strengthening of Kharinalla to Palibandha existing Saline Embankment in GanjamDisitric	6.998 ha (6.34 km x14 mtrs)	Rs. 6,32,71,000	CRZ - III

These projects are located in CRZ -I or CRZ-III areas or both as stated above. Construction of embankments is meant for prevention of salinity ingress and this activity is permissible under para 3(iv) (d) as well as para 4(i) (f) of the CRZ Notification 2011.

125
After detailed discussion, OCZMA considered to grant necessary clearance for strengthening of the above 10 saline embankments under 8 (I) CRZ –I (ii) (b) & 8 (III) CRZ (III) (A) (iii)(j) with following stipulations.

- (i) Adequate mangroves plantation shall be raised in the seaward side.
- (ii) Plantations of suitable species shall be raised in the landward side of the proposed embankments.

4. Proposal for Construction of floating jetty at Purnabadha in the district Ganjam under ICZM Project, Odisha

Divisional Forest Officer, Berhampur Division has submitted a proposal for construction of floating jetty at Purnabadha in the district Ganjam to provide communication facilities for the local fishermen for fish landing, communication facility to the local people and other visitors and for the protection of sea-turtle. 0.2 decimal of the Govt. land will be used for the purpose of jetty. The proposed site comes under CRZ- III area and the total cost of project is Rs. 4 Lakhs

Construction of jetty is a permissible activities in CRZ area under "foreshore facilities" as per para 3 (i) (a) and para 4 (i) (a) of CRZ Notification 2011. This project does not attract EIA Notification, 2006.

OCZMA discussed and decided to grant of CRZ clearance under para 8 CRZ (III) (A) (iii)(j) of the CRZ Notification, 2011.

5. Proposal for laying of geo-synthetic tubes for protection measure for control of coastal erosion under ICZM Project at Pentha

The Executive Engineer, Aul Embankment Division, Aul, Water Resource Dept. Govt. of Odisha submitted a proposal for installation of Geo-synthetic Tubes Embankment with toe Mound at village Pentha for protection against coastal erosion under Sub-component "coastal protection measures for control of coastal erosion under ICZM Project at Pentha" and sought for clearance under CRZ Notification, 2011.

Under this scheme, geo synthetic tubes will be laid in the beach over a length of 700 m (in between new and affected old earthen embankment) as per the depth and alignment

followed by coastal afforestation as per modelling studies finalised by IIT(M), Chennai with an objective to reduce wave energy on the coast and also facilitate settlement of sand between the geo-tube and the coast. This will act as prime defence against strong wave action which is responsible for causing erosion.

The area is coming under CRZ- III and the expected cost of the pilot project is Rs. 2247.50 lakhs. This project does not attract EIA Notification, 2006.

This proposal was recommended to Govt. of India vide letter No.26537 dt.20.12.2010 for grant of CRZ clearance under CRZ Notification, 1991. But no response has been received so far from Govt. of India. OCZMA discussed the proposal and decided to grant of CRZ clearance under para 8 CRZ (III) (A) (iii)(j) of the CRZ Notification, 2011 as it is a permissible activity.

6. Proposal for Establishment of Centre for Management of Coastal Ecosystem at Paradeep

The State Pollution Control Board submitted a proposal for establishment of Centre for Management of Coastal Ecosystem at Paradeep under ICZM Project. The proposed centre will be developed in a Govt. land of 1 Ac.

Earlier a proposal for establishment of a laboratory by SPCB in the same location was recommended by OCZMA to MoEF and the MoEF declined to allow a laboratory in the coastal zone on the ground that laboratory is not among permissible activities in the CRZ Notification 2011. SPCB has dropped the proposal for laboratory and has submitted a revised proposal for setting up a Centre for Management of Coastal Ecosystems.

The broad objective of the project is to develop capacity building of OSPCB for assessment of the coastal ecosystem, in-situ monitoring of the coastal zone including on-board measurement of the environment parameters, conducting investigation on change in coastal dynamics, modelling coastal ecosystem and assessing environmental impact and preparing mitigation/contingent plan. The main goal of SPCB is to develop a LEED certified green building, ISO certified Centre for offshore monitoring along the coast and estuary.

143

The proposed project site lies in CRZ- II area and proposed activities are permissible under para 8 (i) II (i) / (ii) of CRZ Notification 2011. This project does not attract EIA Notification, 2006.

The members discussed the proposal and considered to recommend the proposal to the concerned planning authority for according necessary permission for construction of the Centre with the stipulation that that no laboratory activities including sample analysis or conducting research using hazardous substances shall be taken up in the building.

7. Proposal for Improvement and Conservation of Cultural/Archaeological Assets of Jagannath Temple, Pentha under ICZM Project, Odisha

Department of Culture, Govt of Odisha submitted a proposal for Improvement and Conservation of Cultural/ Archaeological Assets of Jagannath Temple at Pentha, in the district of Kendrapada under ICZM Project. The objective of the project is to preserve the built heritage of coastal area for posterity and ensure structural stability as well as to promote heritage tourism. The improvement and conservation activities will be taken to prevent decay and enhance value of cultural property. Methodology comprises of (i) structural conservation (ii) chemical conservation (iii) environmental up-gradation and (iv) minimum illumination required for the purpose. It can also be used as shelter to save life and property of the people during natural calamities commonly faced along coastal stages. There is no proposal for demolition or reconstruction of any part of the temple. The total project cost is Rs. 45.00 Lakhs. This is a permissible activity under para 4(ii) (i) of the CRZ Notification 2011.

OCZMA discussed the proposal and considered to recommend the proposal to MoEF for grant of CRZ clearance under CRZ Notification, 2011.

8. Proposal for Participatory Eco- Tourism at Barkul Dist- Khordha under ICZM Project, Odisha

OTDC submitted a proposal for development of participatory Eco- Tourism at Barkul which aims at empowering local community to promote nature based tourism and

extending alternative livelihood to reduce pressure on the depleting natural resources of Chilika and coastal region. The development of the ecotourism activities will be within the existing ecotourism site at Barakul and extend over an area of 26.465 Ac. The expected cost of the project is Rs. 1700 Lakhs. The proposed activities are :

(a)Area within 200m of HTL: Strengthening of the existing Water sports Complex, Illumination Amusement park, Renovation of the existing unit for food court and handicraft centre premises

(b)Area within 200-500 m of HTL: Tourist Guide centre

Majority of the proposed project will be developed using eco-friendly bamboo structure. The bamboo will be scientifically processed to withstand the weathering process of the coastal region. During cyclone and storms, this bamboo structure can be dismantled and stored for safety.

The existing tourist site lies in CRZ -III area. As per para 8 (i) III CRZ-III B (i) under CRZ Notification, 2011, the proposed activities are permissible in CRZ- III area. This project does not attract EIA Notification, 2006. This proposal was recommended to Govt. of India vide letter No.26159 dt.13.12.2010 for grant of CRZ clearance under CRZ Notification, 1991. But no response has been received so far from Govt. of India. Proposal was taken up for consideration in accordance with latest CRZ guidelines. After detailed deliberations, OCZMA considered to grant CRZ clearance under CRZ Notification, 2011 subject to the condition that entire structure would be made from bamboo only.

9. Project Proposal for construction of Multipurpose Cyclone shelter at Bandar, Jagatsinghpur – under NCRMP, Odisha

Odisha State Disaster Management Authority submitted a proposal for construction of a multipurpose cyclone shelter at Bandar in the district of Jagatsinghpur. Total area envisaged for this project is 0.0929 ha and the area is coming under CRZ I. The revised total floor area is 178.124 sqmt. and total height is 10.5mt (normal high flood level (HFL) 1.5mt.+ building height 9 mt.). Cost of the Project i.e. cyclone shelter is Rs.65, 25,350/-.

141

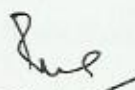
Construction of public rain shelters in CRZ I areas are permissible activities under para 8 (i) I. CRZ-I (ii) (b) of the CRZ Notification, 2011. OCZMA considered the proposal and decided to accord CRZ clearance under CRZ Notification 2011.

10. Issues related to functioning of the OCZMA were discussed and following decisions were taken:

- (a) MoEF has identified some institutions in the country to authenticate Coastal zone maps. ORSAC is not included in the list. Chief Executive, ORSAC shall pursue the matter with MoEF for their empanelment. In case ORSAC is not empanelled, other agency may be engaged.
- (b) It was informed that an amount of about 1.20 crores is available in S/B account collected through scrutiny fees. It was decided to move a proposal for revision of scrutiny fees. OCZMA should be strengthened for effective discharge of its functions.
- (c) Chief Executive CDA submitted that now the OCZMA is required to develop its own database, manpower so that it can take up issues on its own and conduct studies to enhance its information base. The system of allowing User Agencies to commission studies through agencies of their choice need to be reviewed and it should be examined whether the OCZMA may select and engage the agencies, on the cost of UA, to ensure impartiality and proper framing of TOR's.
- (d) Project proponents should be sensitized on the requirements of studies to be undertaken, documents to be provided before submitting any proposal. A checklist for the essential documents may also be prepared for this purpose.

The meeting ended with thanks to the chair.

Approved


Chairman