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**Proceedings of 20<sup>th</sup> meeting of Odisha Coastal Zone Management Authority  
(OCZMA) held on 15.04.2013 at 11:00 AM**

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The 20<sup>th</sup> meeting of the Odisha Coastal Zone Management Authority (OCZMA) was held under the Chairmanship of the Principal Secretary to Govt., Forest & Environment Department in the conference hall of OCZMA at Plot No. 108, Surya Nagar, Bhubaneswar. The list of members present is given in Annexure-I.

Besides compliances of last meeting, different project proposals received for CRZ/Environmental clearances were discussed in details during the meeting. The project wise proposal details and decisions taken thereon are given below:

**1. Establishment of Swosti SPA & Villa-a-Beach Resort in OdiyaAlapur, Pathara, Khalikot, District-Ganjam**

The proposal was initially presented during the OCZMA meeting on 7<sup>th</sup> & 8<sup>th</sup> May, 2012 and OCZMA recommended to submit a CRZ map (1:4000 scale) from one of the authorised agency by MoEF.

The Project Consultant made a presentation on establishment of Swosti SPA & Villa-a-Beach Resort in OdiyaAlapur, Pathara, Khalikot, District-Ganjam to provide facility of conference hall, restaurant, bar, swimming pool, lobby & lounge. It consist a two storied structure with 48 cottages, corridor & open balcony space, appropriate landscaping with parking provision, multi-cuisine-all day dining restaurant, banquet hall, health club & SPA and swimming pool. It will also include staff dormitory, kitchen, store, security, maintenance & electrical rooms, laundry, etc. The total cost of the project Rs. 4.98 Crores. The project will involve a total area of 8.472 Acres (homestead), out of which the construction plinth area is 6101.90 Sq m.

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The project proponent submitted the required CRZ map (1:4000 scales) from the Institute of Environmental Studies & Wetland Management (IESWM), Kolkata which is an accredited institution of the MoEF, Government of India. As per the report submitted by IESWM, Kolkata, a part of the project area comes under CRZ-III which will be utilised for 'Medicinal & Herbal' garden. This is a permissible activity in CRZ-III area as per the CRZ Notification, 2011. The construction area, as per the proposed layout, is outside the CRZ area and does not attract provisions of CRZ Notification, 2011. The entry road to the Hotel lies in the CRZ-III area and thus attracts restriction under CRZ Notification, 2011. The project does not require environment clearance under EIA Notification, 2006.

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The matter was discussed in details and it was decided to grant clearance to the proposed construction with following conditions:

1. No construction will be taken up in CRZ-III area.
  2. Zero discharge from the premises of the project shall be ensured.
  3. There should not be any compound wall and only green fencing will be made in CRZ-III area.
  4. There should be rain water harvesting in the entire project area.
  5. Used / waste water should be treated and recycled for gardening and landscape management.
  6. The approach road passing through CRZ-III should be un-metalled / Kacha.
  7. No chemical pesticide / herbicide is permitted for use in the garden.
2. **Establishment of Fish Landing Centre at Gopalpur in Ganjam district, Odisha**

The proposal was initially presented during the OCZMA meeting on 18th December, 2012. After discussion it was transpired that the activities proposed under the project may not be permissible in CRZ I area. Hence, the proponent was asked to revise/amend the proposal and suggest such activities which are permissible in CRZ I area or find out an alternative site outside CRZ-I where these activities may be allowed.

The Executive Engineer from the Fisheries & ARD Department presented the revised proposal with necessary infrastructure required like Rain Shelter to fishermen/women for fish handling and mending of nets, Jetty (Retaining wall), Community Toilet, facilities for traditional inhabitants for storage of fishing tools & requisites, Drainage & Sewerage, Road & pavement, water supply etc., Environment protection measure and periphery development activities were included in the project proposal with an estimated cost of Rs. 350.00 lakhs. The aforesaid facilities are permissible under the CRZ-I Rule 8.1. (ii) (b) of CRZ Notification, 2011.

The project proponent explained that the main objective of the project is to ensure livelihood security to the fisher communities living in the nearby coastal area. The area earmarked for establishment of shore facilities at Gopalpur is coming under CRZ-I (B) Inter tidal zone, which is not ecologically sensitive as per 8.1 (ii) of the CRZ Notification and the area adjoining is coming under CRZ-III. Under the provision of CRZ-III A.(iii) (I), the facilities required for fishing communities are permissible. The Department has taken effort in exploring an alternative site but no such suitable land is available in the vicinity. As such, the project proposal has been revised taking into account the permissible activities in CRZ-I area under the provision of Rule 8.1.(ii)(b).

The proposal was discussed in detail and it was decided to grant clearance to the project with following terms & conditions:

1. There should be adequate effluent treatment facility. The design of the facility shall be approved by OSPC Board which will also monitor the functioning of the facility from time to time.
2. No discharge of untreated effluent should take place from Fish Landing Centre
3. No drawl of ground water is permitted.

**3. Alienation of Govt. land under CRZ to IMD at Chandbali**

The Director-In-Charge, Metrological Centre, Biju Patnaik Airport, Bhubaneswar-20 made a presentation for permission regarding alienation of Government land under CRZ to IMD at Chandbali for metrological observatory. The project proponent requested OCZMA for a certificate that proposed site does not come under CRZ area.

The proposed site /location was inspected by Dr. D. Roy, Sr. Scientist (E&E), Forest & Environment Department and Dr. A.K. Sahu, Ecologist, ICZMP, Odisha on 26.03.13 in presence of the IMD officials, Tahasildar and other Revenue officials of Chandbali, DFO, Chandbali and local community members. A detail measurement was undertaken during the inspection. In the report submitted, it is indicated that an area of 1.5 acre can be made available from plot (11 & 12) (Kisam- patita) leaving at least 100mt. from the HTL of tidal influenced Baitarani river. Thus, the site for proposed IMD observatory will remain located towards the landward side beyond the CRZ area.

The proponent has accordingly submitted the sketch map from the Tahasildar, Chandbali demarcating an area of Ac. 1.5 leaving 340' from the HTL from the tidal influenced Baitarani River and as such the land is lying landward side and outside of the CRZ area.

The matter was discussed in detail and as the proposed land is remaining outside of the CRZ area, it was decided to issue a certificate indicating that the proposed land for construction of metrological observatory at Chandbali does not come under CRZ area.

**4. CRZ clearance for laying of pipeline from Paradip Refinery to South Jetty at Paradip Port**

The project consultant made a presentation on the laying of pipeline from Paradip Refinery to South Jetty at Paradip Port and indicated that the land required for the laying of pipeline is already acquired / taken on rent from Paradip Port Trust by the IOCL. The project has the following features:

- (i) The proposed project is to lay 14 pipelines from south jetty to refinery at Paradip which involves one (1) crude oil line, 8 product lines and 3 utility lines with a provision of 2 future lines.
- (ii) The project site comes under CRZ-I (b), CRZ-III and CRZ-IV and at 2 points pipeline is passing through HTL as to bypass the habitation. The basic objective of the project is to cater the growing requirement of

- petroleum products to Odisha and the laying of pipeline for transportation of the petroleum product is cost effective and environmental friendly. The detail site plan of the pipeline route (approx. 8 km.) has been carefully selected to minimise total length and avoidance of forest area and habitations to the extent possible. Besides the CRZ area the pipeline crossing involves Santara creek. There will be no industrial waste from the project. The cost of the project is Rs. 60 Crores.
- (iii) The project would provide employment opportunities for the local people during construction phase. The cost of the pipeline is less as compared to the cost of road and rail transport. The operational cost of the pipeline is less than the cost of transporting material by road. Pipeline transport is more eco-friendly than rail/road. Transportation problems associated with rail movement such as non-availability of wagons. Spillage losses and derailment delays, will be eliminated. There will not be any adverse impact on communication and transportation. The pipeline will bring about savings in capital as well as recurring costs.
  - (iv) The construction work will involve only trenching. Pipelines will be welded and laid inside the trenches and back filled and restored. Santara Creek shall be crossed at one place only by open cut method and will be later restored. Wherever, open cut is not possible HDD method shall be employed.
  - (v) No risk of contamination of land or water is envisaged as the pipeline will be laid below ground level and adequate measures like Leak detection and intrusion system will be provided. As the area is susceptible to natural hazards, adequate mitigation measures are to be for protection of the pipeline from such hazards.
  - (vi) The proposed activity is permissible under Para 4 (ii) (d) and Para 8 (i) I CRZ-I (i) (b) and it does not attract environmental clearance under EIA Notification, 2006 as laying of pipeline does not pass through National parks / Sanctuaries/ Coral reefs/Ecological sensitive areas including LNG terminals.

The project proposal was discussed in detail and it was decided to recommend the proposal to the MoEF, Government of India (as per para 4, (ii) (d)) for grant clearance subject to the following terms & conditions:

1. The project work during construction phase as well as operational phase should not obstruct tidal flow of the creek
  2. The project during construction phase should not cause any damage to sand dunes and creek bed.
  3. Sand excavation should be done carefully which should be refilled properly after laying of pipeline
  4. Augmentation of efficient leak detection system and mitigation measures should be ensured.
5. **Construction of Hostel Building for Researchers at Gupti in the District of Kendrapara, Odisha under ICZM Project, Odisha**

The DFO, Mangrove Forest Division (Wildlife), Rajnagar made a presentation on the Construction of Hostel Building for Researchers at Gupti in the District of

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Kendrapara, under ICZM Project. This will provide facility for Researchers under ICZM Project and other projects/institutions to carryout research/ study on bio-diversity conservation and sustainable ecotourism, and related subjects besides preparing management plans for project implementation and livelihood support to local community.

The project is located in CRZ-III area. The hostel building will be a masonry structure with pile foundation and RCC column covering an area of 0.08 Ac. It will be above ground within the compound of Forest Range Office, Gupti.

The building will have a built up area of 253.52 Sq. mtr on the Ground floor, 237.50 Sq. mtr. in the 1<sup>st</sup> floor. The hostel building will contain Guest rooms (11), toilets (11), Kitchen (1), Dining room (1), Library (1) with provision of Corridor, Reception Lobby and a stair case. The hostel building will avail the water supply from the existing source and existing power supply with solar power backup. Total estimated cost is Rs. 70.88 lakhs. There will be proper management and disposal of solid wastes to be generated from the building.

The activity is permissible under the para 8III.CRZ-IIIA (iii) (j) of CRZ Notification, 2011, which states "constructions of dispensaries, schools, public rain shelters, community toilets, bridges, roads, jetties, water supply, drainage, sewerage etc. which are require for the local inhabitants may be permitted on a case to case basis by CZMA". Further as per the communication received from MoEF vide email dated 22.03.2011 the activity those are required for the protection of life and property of coastal communities including safeguarding their livelihood, are permissible under CRZ Notification, 2011. It does not attract environmental clearance under EIA Notification, 2006.

The matter was discussed in detail and it was decided to grant clearance to the proposed construction with following terms & conditions:

1. There should be zero discharge from the premises of the project
2. Recycling of all types used / waste water should be ensured.
3. Harvesting of rain water should be ensured from the proposed structural component
6. **Construction of Marine Life Visitor Orientation Centre, Ecotourism Complex and Staff's Barrack at New Boxipalli, Ganjam district under ICZM Project**

The Divisional Forest Officer, Berhampur Division made a presentation for Construction of Marine Life Visitor Orientation Centre, Ecotourism Complex and Staff's Barrack at New Boxipalli, Ganjam district, as a livelihood support for the local coastal community through participatory ecotourism. It is intended to decrease dependency on coastal natural resources by increasing avenue for tourist circle around Gopalpur and Chilika, simultaneously livelihood support for coastal community affected by various ecological conservation enforcements.

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The proposed project will utilise 4 Ac. of Govt. land which is already alienated in favour of the Forest & Environment Department, Government of Odisha. Total area envisaged for this project is coming under CRZ III area having a total outlay of Rs. 492.34 lakhs. The construction will enhance livelihood for the local fisherman community during the construction phase and also during operation phase through participation in various steps of management plan. At the same time it will cater knowledge on biodiversity conservation of marine flora and fauna and eventually the structure will be use for community based ecotourism which will ultimately create awareness and motivate local people for conservation of natural resources.

The construction work will be undertaken for the following components at New Baxipalli and require altogether 45054 sqft areas, under the Master Plan suggested by World Bank/ SICOM (MoEF).

**a) Marine Life Visitor Orientation Centre:** The construction activity will require 16556 sq. ft area as shown in the master plan. It will include information centre, visitor's room, several galleries, audio-visual area with auditorium, children activity and exploration zone, souvenir shop, modern toilet system, restaurant etc. to develop facilities for a modern learning system for visitors covering all age groups and world-wide origin on marine bio-diversity and natural coastal resources.

**b) Ecotourism Complex:** This is located near the tourist hub of Gopalpur and seasonal tourist attraction site for mass nesting of sea turtle. Therefore, the PEA is planning for facility for the visitors in order to provide livelihood support to the local fisher community, whose profession is affected for mass nesting of sea turtle near Rusikulya mouth. This infrastructure will need an area of 19803 sq. ft.. It will include guest houses (14 nos. 2-bedded), suits (8), Tented accommodation (8), meeting hall(1), and other required facilities considering the carrying capacity of the area.

The Management plan is under preparation to augment community participation in order to provide alternate livelihood to the affected fishermen due to ban imposed every year during mass nesting of the sea turtle..

**c) Staff's Barrack:** A staff barrack is also included under Master Plan and it will need 8694 sq. ft area to construct facilities like family quarters (4), dormitory (20), manager room, office for the people need to be engaged for management of orientation centre and Ecotourism complex.

As per Para 8 CRZ-III A (iii) (j) of CRZ Notification, 2011, constructions of dispensaries, schools, public rain shelters, community toilets, bridges, roads, jetties, water supply, drainage, sewerage etc. which are require for the local inhabitants may be permitted on a case to case basis by CZMA. Further as per

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the communication received from MoEF vide email dated 22.03.2011 the activity those are required for the protection of life and property of coastal communities including safeguarding their livelihood, are permissible under CRZ Notification, 2011. It does not attract environmental clearance under EIA Notification, 2006.

The matter was discussed in detail and it was felt that the structural components proposed under the project proposal shall be verified by a sub-committee consisting of following members:

1. Director, Environment-Member Secretary, OCZMA
2. Chief Executive, Chilika Development Authority
3. PCCF (Wildlife) and Chief Wildlife Warden, Odisha

The sub-committee shall submit its report within a fortnight.

**7. Construction of 2<sup>nd</sup> floating jetty at Purnabandha the district Ganjam under ICZM Project, Odisha**

The Divisional Forest Officer, Berhampur Division made a presentation for construction of 2<sup>nd</sup> floating jetty at Purnabadha in the district Ganjam to provide communication facilities for the local fishermen (for fish landing), for communication of the local people for the protection of sea-turtle. Besides it will be used by personnel from Divisional Forest Office, Berhampur for monitoring and conservation of the coastal stretch during low tide period. 0.1 decimal of the Govt. land will be used for the jetty, the proposed site comes under CRZ- III area (sheet no. 7, map no. CZMP 74E/3/NW) and the total cost of project his Rs. 4 Lakhs. The project will involve base attachment having RCC foundation for the floating jetty (portable in nature).

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

The matter was discussed in detail and it was decided to grant clearance to the proposed construction as per the provision under CRZ Notification, 2011.

**8. Construction of Port Cabin at Gokharkuda in Ganjam district**

The Divisional Forest Officer, Berhampur Division made a presentation on the construction of Port Cabin at Gokharkudain the district Ganjam. The structure will be used as the camp for round the clock use by the Forest Dept. staff and people engaged in protection of sea turtle during matting/mass nesting and hatchling of the turtle egg. The construction of Port Cabin platform will utilise an area of 0.10 Ac. of the Govt. land. The construction will involve two parts (1) Pre-fabricated Port Cabin-It will be insulated structures made up of sandwich panel and insulated roof. Aluminium sliding windows will be use with shutters (2)

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Foundation- These are MS structure like columns of suitable size to fit to the readymade concrete floor and pillar these are easy to assembly at site. The proposed site comes under CRZ- III area and the total cost of project his Rs. 12 Lakhs.

Construction of Port Cabin is a portable/ temporary masonry structure with green building concept for protection of sea turtle. It will also be utilise as temporary round the clock accommodation/ Rain shelter for the people, staff, Research Fellow, Scientists for study required for the protection of sea turtle. There will be inbuilt sanitary facility for the incumbents. It is among permissible activities as per Para 8, CRZ-III, B (viii) under CRZ Notification 2011. It does not attract environmental clearance under EIA Notification, 2006.

The matter was discussed in detail and it was decided to grant clearance to the proposed construction as per the provision under CRZ Notification, 2011 with following terms and conditions:

1. No solid waste disposal in the surrounding CRZ area shall be allowed.
2. Adequate provision for used/ waste water treatment through inbuilt / in-house facilities available should be made
3. Bio-toilets would be provided for the occupants.

**9. Construction of Staff Barrack at Purunabandha in the District of Ganjam, Odisha**

The Divisional Forest Officer, Berhampur Division made a presentation for Construction of Staff Barrack at Purunabandha in the District of Ganjam to provide camp shelter for the Forest Department staff engaged in protection during mass nesting of sea turtle in the world famous rookery near Rushikulya mouth as the protection period is extended over a period of six months, it is necessary to have permanent rain shelter for the staff and local support. It will also provide livelihood opportunity for the local people during construction as well as during operation by providing services. Alternately, it can be used for study and conservation of coastal bio diversity as the base camp for Researchers /Students.

The project is located in CRZ-III area with an expected cost of Rs. 7.33 lakhs. The staff barrack will be a masonry structure with pillar and utilise an area of 1.28 Ac of Govt. land.

The proposed barrack will consist of a large main hall, two toilet-cum-bath The construction on RCC pillar/ beam will provide sufficient structural stability to withstand the furry of coastal calamities. There will be proper management and disposal of solid wastes to be generated from the building.



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As per Para 8 CRZ-III.B(viii) of CRZ Notification, 2011, it is a permissible activity. Further as per the communication received from MoEF vide email dated 22.03.2011, the activity those are required for the protection of life and property of coastal communities including safeguarding their livelihood, are permissible under CRZ Notification, 2011. It does not attract environmental clearance under EIA Notification, 2006.

The matter was discussed in detail and it was decided to grant clearance to the proposed construction as per the provision under CRZ Notification, 2011 with following conditions:

1. No solid waste disposal in the surrounding CRZ area shall be permitted.
2. Adequate provision for used/ waste water through inbuilt/ in-house facilities should be made.
3. Bio-toilets would be provided for the occupants.

#### 10. Other matters

Other connected matters including allegations regarding CRZ violations were discussed in detail and following decisions were taken:

- (i) Updation of CRZ maps by SAC Ahmedabad in association with ORSAC shall be expedited.
- (ii) Sensitization workshops in remaining coastal districts shall be completed before June 2013.
- (iii) Functioning of DLMC shall be ensured in all coastal districts.
- (iv) A meeting with ULBs of the coastal districts be organised preventing CRZ violations
- (v) The allegations on CRZ violation shall be enquired expeditiously and allegation wise enquiry report shall be presented before OCZMA in the next meeting.
- (vi) Functioning of GIS cell shall be ensured in OCZMA so that geographical coordinates of alleged placed could be verified before field inspection by experts.

The meeting ended with the vote of thanks to the chair.

Sd/-

Principal Secretary, F&E  
and Chairman, OCZMA

Memo No. 47 /F&E

Dt. 24/04/2013

Copy forwarded to Shri Mangaraj Panda, Secretary, United Artists' Association, At – Raula Street, Po/Dist- Ganjam- 761026 / Project Director, Integrated Coastal and Marine Area Management Department of Ocean Development, Chennai / Dr. Rabindra Nath Hota, Professor of Geology, Utkal University, Bhubaneswar / Head of Department of Marine Science, Berhampur

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University, Odisha / Commissioner-cum-Secretary to Govt., Housing and Urban Development, Department, Govt. of Odisha / Commissioner-cum-Secretary to Govt., Fisheries and Animal Resources Development Department, Government of Odisha / Principal Chief Conservation of Forest (WL) and Chief Wildlife Warden, Odisha / Chairman, State Pollution Control Board, Odisha or Member Secretary, State Pollution Control Board, Odisha / Chief Executive, Chilika Development Authority, Bhubaneswar / Chief Executive, Odisha Space Application Centre, Bhubaneswar / Chief Conservator of Forests, Regional Office of Ministry of Environment and Forests, Bhubaneswar.

21.04.2013

Member Secretary, OCZMA & Director, Environment-cum-Special Secretary to Govt., F&E Dept.