

Agenda notes for the 29th meeting of the Odisha Coastal Zone Management Authority (OCZMA) scheduled to be held on 29.07.2017 at 11:30 am

A. Confirmation of the minutes of the 28th meeting of OCZMA.

The minutes of the 28th meeting of OCZMA were sent to all the members vide letter No. 47(12) dated 29.06.2017. Since no response has been received, the minutes may be treated as confirmed.

B. Compliance to the decision taken in the last OCZMA Meeting

Sl. No.	Project / Project Proponent	Decision taken	Compliance
1	CRZ clearance for "Water Sports Activities in the Puri Beach" by Nilachakra Water Sports Pvt. Ltd	Authority decided to grant CRZ clearance to the proposed project.	The CRZ clearance order was issued to the project proponent vide Letter No.-51/OCZMA Dt. 14.07.2017
2	CRZ Clearance for Shamuka Beach Project, Puri by Dept. of Tourism & Culture	Authority decided to recommend the proposal to MoEF & CC for grant of CRZ Clearance as per the provision of CRZ Notification 2011.	The recommendation letter along with the submitted documents was communicated to the MoEF & CC vide Letter No. 45/OCZMA dt.24.06.2017 and a copy of the letter was communicated to the project proponent.
3	Construction of Building over plot No. 94/400 OF Mouza: Banki Muhan, Puri Town.	Authority decided to grant CRZ clearance to the proposed project.	The CRZ clearance order was issued to the project proponent vide Letter No.-55/OCZMA Dt. 15.07.2017 and a copy forwarded to the Puri Konark Development Authority (PKDA) vide Letter No. 56 dt.15.7.2017.
4	Improvement of passenger jetty and public rain shelter at 7 different sites in different districts in Odisha by the Executive Engineer (Civil) Port & Inland Water Transport, South Division, Berhampur under Directorate of Ports & IWT (Commerce & Transport (Comm.) Dept., Govt. of Odisha.	The authority decided to issue the CRZ Clearance to the project proposals from Sl. No. 1 to 6 (Nimtala, Kasturikana, Kaninali, Upulei, Baradia & Bajarapur) only after obtaining of the clearance from National Board of Wildlife / Steering Committee of NBWL. Sl. No.-7 (Sipakuda) accorded CRZ clearance as it outside the ESZ or Sanctuary area.	Letter communicated to the project proponent. Clearance order was issued vide letter No. 43 dt. 22.06.2017

5	Construction of "Om Shree Gajapati Residential Apartment at Puri"	Authority decided to grant CRZ clearance to the proposed project subject to verification of land ownership record and NOC/Permission from the State Water Resources Department and other suitable agency	The land ownership was verified initially and will be communicated to the Chairman, OCZMA for final verification for CRZ Clearance. The CRZ Clearance order will be issued after the submission of NOC/Permission of ground water from State Water Resources Department or other suitable agency regarding withdrawal of ground water.
6	Protection of Sweet Water Zone of Puri Town	The Authority decided to issues necessary direction under Environment (Protection) Act, 1986 for protection of "Sweet water Zone" of Puri part of which is coming within CRZ area. For Sweet Water Zone beyond CRZ area the Authority decided to recommend the Govt. in Forest &	A reminder communicated to the District Magistrate & Collector, Puri for quick action.
7	Approval of Residential building in CRZ-II area, Gopalpur	The Authority decided that the violation committed by Shri Rout will be dealt as per the existing provision of the Environment (Protection) Act, 1986. The authority will communicate the matter to the concerned Local Planning Authority. Authority will also issue necessary guidelines to all local Town Planning	Steps will be taken as per the decision of the OCZMA.

C. FRESH PROPOSALS

1. CRZ Clearance for construction of court guest house at Gopalpur on sea by District & Session Judge, Ganjam, Berhampur.

The District & Session Judge, Ganjam, Berhampur has submitted a proposal for CRZ Clearance for “Construction of Court Guest House at Gopalpur on sea”

The objective of the proposed project is to accommodate the judicial staffs of Odisha, other states and Central Government for meeting, other important activities of the Judicial Department of the Odisha and visiting the site of the state.

The proposed guest house will be built on Govt. Land. The site is located at plot no. 182/474, khata no. 23/363 Muza: Udayapur, Gopalpur in Ganjam district. The size of the plot area is 86671 sq ft. The built up area of the proposed construction is 18058 sq ft and the construction involves an S (Stilt- ground area)+2 storied building. The stilt floor area covers 3537 sq ft in which parking, store room and staircase will be constructed. The first floor covers 5393 sq ft and second floor area is 6944 sq ft having 4 rooms in each floor and a portico area of 952 sq ft. An area of 1232 sq ft will be used for parking. The plinth area of the proposed building will be 20% of the plot area. The height of the building is 9m. The F.A.R of the building is 0.20.

The water requirement during operation phase is 5 KLD, which will met by existing source. The power requirement is about 5KW, which will be met from SOUTHCO.

As regard to the Environmental Management Plan (EMP), the construction garbage will be used for filling low lying areas and solid waste generated during operational phase will be collected through collection bins and handed over to NAC Collection team. The liquid effluent generated will be released to the soak pit and ultimately to the NAC Drain.

The geographical location of the plot is 19° 15'16.26"N & 84° 54' 5.69"E. The site is located in the CRZ –III (B) area.

The cost of the project is Rs.307.68 Lakhs.

The activity is permissible under the Para 8 (i) (III) CRZ-III (B)(i) of CRZ Notification, 2011, “development of vacant plot in designated areas for construction of hotels or beach **resorts for tourist or visitors** subject to the condition as specified in the guidelines at Annexure-III”.

The proposed project does not attract Environmental Clearance under EIA Notification, 2006 (As the built up area is 1677.59 sq m.)

The proponent has submitted the following documents/maps in respect of the project.

- Form-I as per the CRZ Notification, 2011(Annexure-IV)
- Environmental Impact Assessment study (EIA) and Environmental Management Plan (EMP).

- Disaster Management Report, Risk Assessment and Management Plan.
- Soil testing report
- Drawing & design of the project
- CZMP Approved CRZ Map (approved by MoEF & CC, Govt. of India) indicating the project location (Sheet No.6) in 1:25000 scale prepared by Orissa Remote Sensing Application Centre (ORSAC) sponsored by F&E Dept. Govt. Of Odisha.
- Google map of the project area
- Map : Earthquake zone of Odisha, Wind & Cyclone Zone & multihazard Map, Google map
- The revenue map showing the proposed plot area.
- Scrutiny fee of Rs.25,000/.

OCZMA may discuss the proposal and if considered, may grant CRZ clearance to the aforesaid projects as per the provision of CRZ Notification, 2011.

2. CRZ Clearance for promotion of Tourism at Chandrabhaga Lighthouse by Directorate of Lighthouse & Lightships, Kolkata.

The Dy. Director, Directorate of Lighthouse and Lightships, Kolkata has submitted a proposal for CRZ Clearance for “promotion of tourism at Chandrabhaga Lighthouse” by Directorate of Lighthouse & Lightships, Kolkata.

Globally lighthouses are not only perceived as a navigational aid, but also as unique tourism destination & symbols of maritime heritage. Ministry of shipping (MoS), Govt. of India, has decided for promotion of tourism at lighthouses across the coastline of the country. In this regards, as per the recommendations of the 47th report of Parliamentary Standing Committee on transport & tourism to beautify lighthouses premises & provide access to tourist in order to facilitate tourism at lighthouses. Director General of Lighthouses & Lightships (DGLL), Ministry of shipping has identified 08 lighthouses across India to promote tourism in the initial stage. Chandrabhaga lighthouse is one among the identified eight lighthouses.

The geographical location of Chandrabhaga lighthouse is 19^o 52'04.75"N & 86^o 06' 27.96"E. Chandrabhaga lighthouse is spread over 1.8 ha. area and different amenities like lighthouse tower, staff quarter, power house, inspection quarter and garage are already present. The proposed tourism activity at Chandrabhaga light house is to construct a resort within the existing area. It includes Eco Resorts having 22 no visitors' rooms and 22 no staff's rooms, one Restaurant, one Indoor activities Centre, one Pool side Bar & Cafe, one Shop, one Vedic Spa, one Banquet Hall & Parking.

The total plot area in possession of DGLL at Chandrabhaga is 18898.83 sq m. Out of which the existing lighthouses along with the allied facilities occupy 7398.83 sq m. The built up area for proposed tourism facilities inside the lighthouse campus will be 2451 sq m. An area of 1959 sq m (hard paved) and 7090 sq m (soft paved) will be used for landscape development. The height of the building is 9 m.

During construction phase, the water requirement will be met by tankers and during operation phase water requirement is 16 KLD, which will be sourced from Konark Public Health Department. The sewage generated during construction phase will be released to the septic tank followed by a soak pit and during operation phase approx. 15 KLD sewage will be generated, which will be treated in STP and will be reused in gardening. The dried sludge will be used as manure in the landscape area. The solid waste generated will be handed over to the Konark NAC. The power requirement is about 700 KW, which will be met from Puri Electricity Division. Besides, a DG Set of 45 KW capacity will be kept as stand by source.

The cost of the project is Rs.1815.4 Lakhs.

The site is located in the CRZ –III (B) area.

The activity is permissible under the Para 8 (i) (III) CRZ-III (B)(i) of CRZ Notification, 2011, “development of vacant plot in designated areas for construction of **hotels or beach resorts for tourist or visitors** subject to the condition as specified in the guidelines at Annexure-III”.

These activities require Clearance from MoEF & CC as per the provision of CRZ Notification, 2011 as:

“Development of **beach resorts** or hotels in the designated areas of **CRZ-III** for occupation of **tourist or visitors** with prior approval of the Ministry of Environment and Forests”

The proposed project does not attract Environmental Clearance under EIA Notification, 2006 (As the built up area is 2451 sq m.)

The proponent has submitted the following documents/maps in respect of the project.

- Form-I as per the CRZ Notification, 2011(Annexure-IV)
- Rapid Environmental Impact Assessment study (EIA) and Environmental Management Plan (EMP).
- Disaster Management Report, Risk Assessment and Management Plan.
- CRZ Map in 1:4000 scales superimposing project layout & demarcating HTL/LTL/CRZ Zones prepared by NCSCM Chennai
- Google map of the project area
- Scrutiny fee of Rs.100000/.

OCZMA may discuss the proposal and if consider, recommend the proposal to MoEF & CC, Govt of India for grant of CRZ clearance, under CRZ Notification, 2011.

3. 15 MLD Desalination Plant at Gopalpur Dist- Ganjam by Tata Steel Special Economic Zone Ltd.

The Vice President, Operation of Tata Steel Special Economic Zone Limited, Gopalpur has submitted a proposal for CRZ Clearance “15 MLD Desalination Plant at Gopalpur, Dist- Ganjam”.

The objective of the proposed project is to meet the fresh water requirements of the proposed Industrial Park of Tata Steel Special Economic Zone Limited at Gopalpur.

The proposed desalination plant will receive 37.5 MLD chlorinated sea water from the Bay of Bengal to the desalination plant. Out of which about 15 MLD of permeate water from Reverse Osmosis (RO) Process will be used and remaining 22.5 MLD brine rejected water will be sent back to the sea at the rate of 937m³/hr. The salinity of the brine reject water will be 65 ppt which will be 30 % higher than the sea water salinity. No other water quality parameters will be changed by this process.

The proposed project includes desalination plant, sump/ pump house, intake and discharge pipeline. Total length of Intake pipe line is 3750 m i.e. from plant to sump is 2260m, sump to land fall point is 540m and from Land fall point to intake head is 950m at 11.4 m water depth. Total length of outfall pipe line from outfall diffuser to desalination plant is 3855 m i.e. the length between plant to sump is 2260m, sump to land fall point is 540m and from Land fall point to outfall diffuser is 1055 m.

The outfall diffuser will have the multiple ports of 6 nos. x 250 mm diameter placed at 1055 m distance from the shore line. The water depth of the disposal location will be 12.2 m and diffuser will be placed 1 m above the sea floor. Within the mixing zone, the discharged water undergoes dilution and reaches the salinity of the ambient value.

The desalination plant & the pump house will be constructed beyond CRZ area. Only the intake and out fall pipeline requires to be laid within CRZ area. The length of the pipeline passing through different CRZ zones i.e. CRZ-III (A) (B), CRZ-I (B), i.e. intertidal area & CRZ-IV (A) (coastal water bodies), CRZ-IV (B) (tidal influenced water bodies) area.

The length of the pipeline covering CRZ III area is 274 m (i.e. 98 m in creek and 176 m in sea front), 164 m in CRZ- I (B) (inter tidal area) and 1055 m in CRZ IV (A) area and 42 m in CRZ IV (B) area.

The cost of the project is 150 Cr.

The project proponent has carried out an impact assessment study, disaster management plan (DMP) by engaging INDOMER, Chennai, India. A study covering 10 km radius from the proposed site was conducted for base line data as well as necessary Environmental management Plan (EMP), which includes various mitigation measures both during construction and operation phase. Social impact study was also carried out among fisherman community and it doesn't cause any significant impact to the existing fishing community. In general, the proposed project is not expected any significant adverse impact for the surrounding areas.

The proposed activity is permissible under CRZ Notification, 2011 as:

Para 3 (i) (c) "Facilities for generating power by non-conventional energy sources and **setting up of desalination plants** in the areas not classified as CRZ-I (i) based on an impact assessment study including social impacts"

Para 8 (i) (l) (i) (b) "**pipelines**, conveying systems including transmission lines"

Para 8 (i) (I) (ii) (e) “desalination plants;”

Para 8 (i) (III) (A) (iii) (h) “Foreshore facilities for desalination plants and associated facilities”

The project does not attract Environmental Clearance under EIA Notification, 2006.

However, it requires clearance from MoEF & CC, Govt. of India, under CRZ Notification, 2011 as per:

Para 4 (ii) (d) “**laying of pipelines**, conveying systems, transmission lines” and

Para 4 (ii) (h) “Facilities for generating power by non-conventional energy resources, **desalination plants** and weather radars;”

The proponent has submitted the following documents/maps in respect of the project:

- Form-I (Annexure-IV)
- Environmental Impact Assessment study report
- Environmental management plan, Risk Assessment and Management Plan.
- Disaster management plan
- Drawings and Design of the structures
- Map : Earthquake zone of Odisha, Wind & Cyclone Zone & multihazard Map, Google map
- CRZ Map sheet no.6 (in 1:25,000 scales) map prepared by ORSAC & sponsored by F& E Dept. Govt. of Odisha).
- CRZ Map in 1:4000 scales demarcating HTL/LTL/CRZ Zones prepared by one of the MoEF recognised organisation (Institute of Remote Sensing, Anna University, Chennai.)
- Project location superimposed on the 1:4000 scale CRZ Map.
- Scrutiny fee of Rs. 5,00,000/-

OCZMA may discuss the proposal and if consider recommend the proposal to MoEF & CC, Govt of India for grant of CRZ clearance, under CRZ Notification, 2011.

4. Construction of Panthanivas Building at Puri by Odisha Tourism Development Corporation (OTDC).

The executive Engineer, Building Project Division, OTDC, Bhubaneswar has submitted a proposal for CRZ Clearance for “Construction of Panthanivas Building of OTDC at Puri”

The objective of the proposed project is to cater the need of a specific group of tourist during festive periods of Lord Jagannath. It also provides livelihood support to the local community and the trained person as tourist guide, tour operators and traders.

The site is located at plot no. 115, khata no. 90 Muza: Bankimuhan, Puri sadar. The total plot area in possession of OTDC is 8296 sq m. Out of which the existing 3 buildings (Block-A, B & D) plinth area occupies 1624 sq m and a built up area of 4872 sq m. The proposed construction is a G+2 building (Block-C) is within the vacant area of the existing plot. The plinth area covers 920 sq m

and a built up area of the proposed construction is 2760 sq m. An area of 4370.04 sq m will be used for parking and 1977.61 sqm areas will be utilised for greenbelt/landscape development. The total ground coverage is 31% of the total plot area. The height of the building is 9m. The FAR of the proposed building is 0.91.

The water requirement during operation phase is 10 KLD, which will met by existing source. The power requirement is about 100KW, which will be met from Central Electricity Supply Utility (CESU) and 2x 50 KVA capacities DG Set will be kept for emergency use.

As regard to the Environmental Management Plan (EMP), the construction garbage will be used for filling low lying areas and solid waste generated during operational phase will be collected through collection bins and handed over to the Puri Municipal Authority through proper agencies. The liquid effluent generated will be treated through STP and the quantity of sludge generated will be disposed.

The geographical location of the plot is $19^{\circ} 47'54.70''N$ & $84^{\circ} 49' 55.36''E$. The site is located in the CRZ –II area of Puri.

The cost of the project is Rs.4.5 Crores.

The proposed site is located on the landward side of the existing authorised structure. (Construction of initial Pantha nivas main building was before 1991 and present construction is land ward side of existing Panthah Nivas Building)

The activity is permissible under the Para 8 (i) (II) CRZ-II (i) of CRZ Notification, 2011, “buildings shall be permitted only on the landward side of the existing road or on the landward side of the **authorised structures**”.

The proposed project does not attract Environmental Clearance under EIA Notification, 2006

These activities require Clearance from MoEF & CC as per the provision of CRZ Notification, 2011 as:

“Development of **beach resorts** or hotels in the designated areas of **CRZ-II** for occupation of **tourist or visitors** with prior approval of the Ministry of Environment and Forests”

The proponent has submitted the following documents/maps in respect of the project.

- Form-I as per the CRZ Notification, 2011(Annexure-IV)
- Environmental Impact Assessment study (EIA) and Environmental Management Plan (EMP).
- Environmental Impact Assessment.
- Environmental Appraisal.
- Disaster Management Report, Risk Assessment and Management Plan.
- Drawing & design of the project

- CZMP Approved CRZ Map (approved by Govt. Of India) indicating the project location (Sheet No.26) in 1:25000 scale prepared by Orissa Remote Sensing Application Centre (ORSAC) sponsored by F&E Dept. Govt. Of Odisha.
- CRZ Map in 1:4000 scale superimposed site location demarcating HTL/LTL/CRZ Zones (is to submit).
- Google map of the project area
- Map : Earthquake zone of Odisha, Wind & Cyclone Zone & multihazard Map, Google map
- The revenue map showing the proposed plot area.
- Land records of the plot area.
- Structural stability certificates
- Scrutiny fee of Rs.25, 000/.

OCZMA may discuss the proposal and if consider, recommend the proposal to MoEF & CC, Govt. of India for grant of CRZ clearance, under the provision of CRZ Notification, 2011.

5. Any other matter with the permission of chair