

**Andhra Pradesh Coastal Zone Management Authority Meeting Held in the Conference Hall of the Principal Secretary to Government, E.F.S&T. Department, Interim Government Complex, Secretariat, Velagapudi, Amaravati on 06-02-2017 at 10.30 AM.**

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The following Members were present:

1.	Sri G. Anantharamu, IAS, Principal Secretary to Government, E. F. S & T. Department, Secretariat, Velagapudi. Amaravati.	Chairman
2.	Sri SolomanRaju, Deputy Director, Commissioner of Fisheries, Representative of AHF&DD. Department, Government of Andhra Pradesh, Secretariat, Velagapudi. Amaravati.	Member
3.	Prof A. C. Narayana, Centre for Earth and Space Sciences, University of Hyderabad, Gachibowli, Hyderabad.	Member
4.	Prof. D. Erribabu, Department of Zoology and Marine Living Resources, Andhra University, Visakhapatnam – 530 003.	Member
5.	Dr. S. B. Choudhary, Head, Oceanographic Science Group, National Remote Sensing Centre, Balanagar X Roads,Hyderabad.	Member
6.	Dr. B. PrabhakarRao, Scientist – F (Retired), National Institute of Oceanography, Visakhapatnam – 530 003.	Member
7.	Smt. Surekha DharitriRakshitaSamithi, Kakinada.	Member
8.	Sri B. S. S. Prasad,I.F.S. Member Secretary, Andhra Pollution Control Board, Hyderabad.	Member Secretary

At the outset, the Principal Secretary to Government, EFS&T. Department and the Chairman of the Andhra Pradesh State Coastal Zone Management Authority welcomed the Members of the Authority which was constituted by the Ministry of Environment and Forests, Government of India through S.O.1421(E), dated 13-04-2016. The Chairman of the Authority initiated the discussions on the items included in the Agenda. He requested the Members to offer their opinion on the proposals keeping in view the provisions of Coastal Regulation Zone Notification, 2011 and amendments made to the Notification from time to time.

**1. M/s. Trimex Sands Private Limited at Vatsavalasa and Tonangi Villages in GaraMandal in Srikakulam District.**

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M/s. Trimex Sands Private Limited, Chennai is presently involved in mining of heavy mineral sand having Ilmenite, Silliminite, Garnet, Rutile, Zircon from the mine lease area situated in Vatsavalasa and Tonnangi Villages, GaraMandal, Srikakulam District. The area is covered under Survey of India Topo sheets No.74 B/3, B/4, B/7 and the coordinates of the project extends between Latitudes 18° 15' 56" N to 18° 19' 19" N, and Longitude from 84° 02' 39"E to 84° 07' 44"E longitude. The project proponent was prescribed Terms of Reference (ToR) by the MoEF&CC through letter No.J-11015/175/2011-IA. II(M), dated 09-09-2013 to enhance the present mining capacity from 2 MTPA to 6 MTPA. The proposal was examined by the APCZMA and recommended for clearance under the provisions of CRZ & EIA Notifications by stipulating the condition that no mining operation should be carried out in the inter-tidal zone and within 100 m from HTL towards landward side and No mining should be carried out in sand dune and sand ridge areas. The clearance under CRZ Notification, 2011 was accorded by the MoEF& CC by stipulating the condition that mining should be carried out only beyond 100 m from HTL towards landward side and no mining should be carried out in Forest areas also along with other conditions. The expansion proposal was accorded environmental clearance under the provisions of EIA Notification, 2006 by MoEF& CC through the letter No.J-11015/175/ 2011-IA. II(M), dated 17-04-2015. The final clearance under CRZ Notification for expansion was accorded through letter F. No.11-67/2013-IA.III, dated 28-04-2015. Now the project proponent requested for review of permission of CRZ and Environmental Clearance conditions to permit the mining operations within CRZ area falling beyond 100 m zone i.e. the area covered from HTL to 100 m CRZ on landward side from HTL.

2. The Authority examined the proposal submitted by the mine operator during the meeting held on 29-08-2016 and felt that the mining of heavy minerals in 100 m zone from HTL towards landward side requires further studies. The impact on turtles and nesting on beaches does not have the scientific rigour and requires strong independent validation. The study report submitted by the Experts did not shed any light on other marine fauna. There is no report on the impacts of intrusion of saline water, which may occur due to extraction of beach mineral sands along the High Tide Line. The Google image indicated extensive voids and gaps and over extraction of resources, and there is a need to prepare extensive detailed maps on various aspects that may be deterrent to the coastal environment. Development of Green belt along the coast that would serve as wind breaker does not exist and any extraction in that region require specific study from the point of erosion. The Authority deferred the proposal for field verification and authentication of

report by the Forest and Wildlife Department as mandated in the Environmental Clearance by the MoEF&CC. The Authority expressed its concern at the activities of the proponent who has not taken any measures for re-plantation of the mined area.

**3. The Authority examined the proposal and deferred to the next meeting on the request of the mine operator. The Authority further directed the mine operator to furnish the report on field verification and authentication by the Forest and Wildlife Department as mandated in the Environmental Clearance by the MoEF&CC for appraisal. It is also proposed to undertake a visit to the field by the members of the authority, who have technical expertise in coastal processes and related aspects.**

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**2. M/s. Sai priya Beach Resorts, Visakhapatnam - Development of Beach Resorts in Sy. Nos.16 & 24 Rushikonda, GVMC.**

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M/s. Sai priya Beach Resorts acquired the land through long term lease from PremaSamajam to develop Beach Resorts at Sy. Nos.16 & 24 of Rushikonda area, Visakhapatnam. The proposed project is located on seaward side of the existing beach road connecting Vizag to Bheemunipatnam. The project area falls in CRZ-III area. The location of the beach resort is 17 ° 47' 23.36" N Latitude and 83° 23' 10.40" E Longitude. The area envisaged for the proposed project is Acs.29.065 cts. The average elevation of the site is 13 m above MSL and is a flat terrain. The area is a notified Tourism development area as per the Master Plan of Visakhapatnam Metropolitan Region of GVMC.

2. The proposal includes the construction of 2 Nos. of Blocks with Ground and First Floor and one Block with ground and two floors and four buildings with ground floor only. The total built-up area is 27,980 sq.mts. and parking area of 22,712 sq.mts. The Green Belt area is 12,948 sq.mts or 3.19 acres. The constructions comprise guest rooms, lobbies, convention facility and restaurants.

3. The area is classified as CRZ-III as per the approved Coastal Zone Management Plan. The demarcation of HTL, LTL and CRZ was carried out by Institute of Remote Sensing, Chennai an authorised agency of MoEF&CC. The Annexure-III of CRZ Notification, 2011 permits the development of beach resorts or hotels in CRZ-III and CRZ-II areas for temporary occupation of tourists, subject to the prior approval from the Ministry of Environment and Forests, Government of India.

4. The proposal was examined by the APCZMA in the meeting held on 23-04-2016. The Authority directed the project proponent to submit the land ownership details of the project site duly certified by the District Collector, Visakhapatnam. The Authority further directed the District Collector to verify the distance of the project site from the Kambalakonda Wildlife Sanctuary boundary which was classified as ecologically sensitive area. With the above details the project be placed for the consideration of the Authority before forwarding the proposal for clearance under the provisions of MoEF&CC.

5. The project proponent submitted the report of the Tahsildar, Visakhapatnam Rural Mandal in the shape of Endorsement date 20-05-2016, wherein it is stated that Ac. 17.00 in S. No.16 and Ac.2.70 cts in S. No.24 and Ac.17.00 cts in S. No.23 of Rushikonda area belong to 'PremaSamajam' and given for 33 years of lease in favour of M/s. Sai Priya Beach Resorts, Visakhapatnam by way of MoU's duly registered vide Doc. Nos.3910/2003, 2216/2004, 3909/2003, 3911/2003 and 2217/2004. Regarding, the distance from the project proponent enclosed the scaled sketch prepared by 'Equalarcs Technologies' indicating the distance as 3895 meters from the boundary of the beach resort. It is seen from the enclosed map that there are several other constructions in between the site proposed for construction and the Kambalakonda Wildlife Sanctuary.

6. The Authority examined the proposal during the meeting held on 29-8-2016 and opined that the documents submitted by the proponent was not authenticated by the District Collector, Visakhapatnam. The report was only signed by the Tahsildar of the Visakhapatnam (Rural) Mandal. The Authority directed the project proponent to submit the ownership document of the land held by the Premasamajam who leased the land and the agreement between the Samajam and the project proponent upon receipt of the relevant documents, the Authority opined that the proposal be forwarded to the Ministry of Environment, Forests and Climate Change for clearance under the provisions of CRZ Notification, 2011, if the documents authenticate the entitlement of the proponent over the land.

7. The project proponent submitted the letter of ownership document of the land held by the Premasamajam who leased the land and the agreement between the Samajam, which was authenticated by the District Collector, Visakhapatnam. The project proponent was requested to submit a map with superimposition of various activities on the map prepared by the Institute of Remote Sensing (IRS) and authenticated by the same authorised agency, which is mandatory requirement for according clearance by the MoEF&CC. The NOC and letter to MoEF&CC will be issued soon after the receipt of above document.

**8. The Authority examined the proposal and recommend to issue No Objection Certificate before forwarding the proposal to the Ministry of Environment, Forests and Climate Change for according Environmental clearance subject to the submission of map duly superimposing various activities on the CRZ map and authenticated by the authorised agency, i.e. the Institute of Remote Sensing (IRS) who prepared the CRZ map, and also a scaled location map indicating geographical coordinates, permanent landmarks etc.**

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**3. M/s. GMR Enterprises Private Limited (GEPL) – Development of LNG Import facility at Kakinada Deep Water Port, Kakinada, East Godavari District with a handling capacity of 1.75 MTPA with a provision for future expansion to 3.5 MTPA**

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M/s. GMR Enterprises Private Limited (GEPL), Chennai requested to arrange Environmental clearance for the development of [LNG Import facility](#) at Kakinada Deep Water Port, Kakinada, East Godavari District with a handling capacity of 1.75 MTPA with a provision for future expansion to 3.5 MTPA under the provisions of CRZ Notification, 2011 & EIA Notification, 2006. The project proponent enclosed CRZ Form-1 as per Annexure-IV of CRZ Notification, 2011, Final EIA and EMP Report, Disaster Management Plan including Emergency Preparedness Plan and Oil Contingency Plan, Risk Assessment, LTL- HTL and CRZ demarcation report by Institute of Remote Sensing, Anna University, Chennai in 1:4000 scale and CRZ map covering 7 Km radius Land Use Land Cover map around the project site in 1:25,000scale. The capital investment on the project is Rs.950 crores.

2. The Ministry of Environment and Forests, Government of India, New Delhi issued Terms of Reference (ToR) wherein, the project proponent was directed to furnish the recommendations of the APCZMA as part of fulfillment of requirement for considering the proposal for environmental clearance along with other conditions.

3. The proposed LNG terminal by M/s. GMR Enterprises Private Limited (GEPL), Chennai will be developed at Kakinada Deep Water Port (KWDP) adjacent to Berth No.7 located in S. No.317/318, GMR Barge Mounted Power Plant located at Survey No.411,413 of Kakinada, East Godavari District. The geographical location of the proposed LNG Import facility will be at 16<sup>0</sup> 57' 42" North Latitude and Longitude 82<sup>0</sup> 16' 33" East Longitude. The project site is reclaimed land abutting the coast of Kakinada. The area around the Bay of Kakinada is flat with sandy soil and with an average elevation of ~(+)  
2.5 m above MSL. The area proposed for the LNG and back up facilities is 24.90 Ha (61.60 acres). The proposed LNG facility consists of LNG storage

tank, Re-gasification Unit, Tanker loading, Flare, Power generation and fire fighting utilities, Administration and Fire station, Approach Trestle and approach roads and Truck parking facilities. The proposed LNG facility will use existing Navigational facilities available in KWDP. The length of approach channel I is 11000 m and width of Approach Channel (AC) is 160 m. The depth of AC is 14.5 m connected to the Turning Circle with a diameter of 500 m. The length of Island Breakwater is 1050 m and provided with 18 Channel Buoys and two Transit lights.

4. The proposed LNG jetty requires dredging and the estimated quantity of dredge spoils will be 2.9 million cubic meters. The dredged depth is (-) 14.5 m CD at jetty and clayey in nature and will not be suitable for reclamation of land. Hence, the dredged spoils will be disposed at the same designated location of KWDP. As per the report the unloading platform with a length of 390 m will be mounted on piles and provided with 4 nos of Breasting Dolphins and 6 Nos of Mooring Dolphins. All mooring and breasting structures and the loading platform will be interconnected by catwalks with a width of 1m providing pedestrian access for the purpose of maintenance personnel. Four unloading arms will be provided with one arm shall be meant for hybrid operations for both LNG and vapour and two arms exclusively for unloading of LNG from the vessel to onshore and one arm will be dedicated to evacuate vapour from LNG to onshore. The designed capacity of each unloading arm will be 550 m<sup>3</sup>/hour. LNG is stored in one insulated full containment tank with capacity of 15,000 cum. The facility is provided with LNG Truck unloading Station with four truck loading bays on the onshore. The facility requires 1300 KW power during construction phase and 10 MW during operation phase. An emergency DG set with a capacity of 2000 KVA will be available to meet the power requirement. The projected water requirement during construction phase is 1200 KLD and during operation phase will be 387.5 KLD. About 384 KLD is sourced from the condensate generated through air heaters of regassification system which is in the order of 400 KLD. 3.5 KLD potable water will be sourced from authorised suppliers. The solid waste will be 100 kg/annum and used oil will be 1.5 KL/annum which will be collected and supplied to the approved vendors. Municipal solid waste of 22.5 kg/day will be sent to Municipality. The other solid wastes will be disposed to the authorised vendors as specified by the APPCB.

5. The area on the shore is classified as CRZ-III and inter-tidal zone as CRZ-I(B) as per the approved Coastal Zone Management Plan of the East Godavari District. The CRZ demarcation was carried out by Institute of Remote Sensing (IRS), Chennai, an authorised agency of MoEF& CC .

6. *The proposed activity requires water front and is a permitted activity as per paragraph 3 ii (b) of CRZ Notification, 2011. The area of the proposed*

LNG jetty and approach trestle of 550 m is classified as CRZ IV (A) and is permissible under paragraph 3(ii) (b) and 4 (i) (f). The area of LNG pipeline with a length of 240 m connecting the trestle and LNG platform over a length of 240 m is also classified as CRZ-IV (A) and is permissible under paragraph 3(ii) (b), 4 (i) (d) and 4 (i) (f). The area where the trestle length of 330 m, and the LNG pipeline connecting the storage terminal on the shore to a length of 380 m, LNG storage tank, truck loading facility, LNG flare, Regasification facility, Natural Gas pipeline length of 845 m and utilities and operation buildings are classified as CRZ-III and are permissible under paragraphs 3 (ii) (b), 4 (i) (f) and paragraphs 8 of CRZ Notification, 2011. The approach trestle of length 550 m since the area falls in between LTL and 12 NM area is classified as CRZ-IV. Since the project is abutting the existing berth No.7 of KDWP, the existing monitoring data will act as baseline data for the proposed project. As per the Environment Impact Assessment Notification, dated 14-09-2006, the proposed LNG Re-gasification activity falls under Category 'A' and requires environmental clearance from the Ministry of Environment and Forests, Government of India. The nearest boundary of Coringa Wildlife Sanctuary (CWLS) is located at distance of 1.85 km from the site. Apart from CWLS, there are no other ecologically sensitive areas in the vicinity of the proposed project.

7. The Authority examined the proposal and felt that the EIA and EMP was prepared using the secondary data sourced from the District Planning map, 2003, Wetland Atlas, AP 2011, March, 2013, Wildlife map 2015 by Wild Life Institute (WII). The information was drawn from archived data from various sources. The Land Use Land Cover data prepared by APSRAC during the year 2011-12 was used which was based on LU Resoursat-2, LiSS-IV FMX (P104, R061) of 13<sup>th</sup> March, 2015 from NRSC. The Authority opined that the latest data which was available from scientific institutions should have been used to elicit better results to create baseline data base.

**8. The Authority examined the proposal and opined that the proposal may be accorded No Objection Certificate subject to the implementation of safety regulations including guidelines issued by the Oil Industry Safety Directorate in the Ministry of Petroleum and Natural Gas and guidelines issued by Ministry of Environment and Forests, Government of India and subject to further terms and conditions for implementation of ameliorative and restorative measures in relation to environment:**

**(1) Continuous sound monitoring to study the impact of vibrations on marine fauna shall be taken up during operation stage. It shall be ensured that the results shall be submitted to the APCZMA / APPCB for the evaluation.**

- (2) **The industry shall undertake the study on marine bio-diversity by engaging a reputed organization / university having proven expertise in the relevant field.**
- (3) **The proponent shall ensure continuous monitoring of the sea water around the area of activity to assess the extent of impact on the surrounding water zone and corresponding impact on marine flora and fauna.**
- (4) **The proponent shall ensure continuous monitoring of waves, currents and sediment transport along the coastal area and monitor changes so that there will not be any effect on the Godavari spit (now called as Hope Island), which has a global significance.**
- (5) **The industry shall extend necessary assistance to the Forest and Wildlife Department towards conservation and preservation of Coringa Wildlife Sanctuary, which is an Ecologically Sensitive Area.**
- (6) **The industry shall give preference to the locals in respect of employment.**

**The Authority recommended that the project proposal may be forwarded to the MoEF& CC for according necessary clearance under the provisions of CRZ Notification, 2011.**

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**4. M/s. Kakinada SEZ Limited – Development of all Weather Deep Water Multipurpose Kakinada SEZ Port at Kona Village, Thondangi Mandal, East Godavari District.**

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M/s. Kakinada SEZ Limited, Hyderabad submitted proposal for the development of an all-weather Deep Water Multipurpose Kakinada SEZ Port with a capacity of 16 MTPA to handle dry bulk and multi-purpose / general cargo at Kona Village, Thondangi Mandal, East Godavari District. It was requested to arrange to send the recommendations of the APCZMA on the proposal to the Ministry of Environment, Forests and Climate Change, Government of India, New Delhi to enable them to obtain Environmental clearance under the provisions of CRZ Notification, 2011 & EIA Notification, 2006. The total cost of the project is 2,123.45 crores.

2. The Ministry of Environment, Forests and Climate Change, Government of India, New Delhi issued Terms of reference (ToR), wherein it was stipulated that the project proponent to submit the recommendations of the APCZMA and authenticated CRZ map, superimposing the proposed layout of the port as prepared by the authorised agency. The validity of ToR was extended by the MoEF&CC on 26-03-2016 at the request of the project proponent.

3. The proposed port project is located at Kona Village, Thondangi Mandal, East Godavari District of Andhra Pradesh, on the east coast of India. The central coordinates of the project is indicated as 17° 10' 49.06" North Latitude and 82° 26' 57.39" East Longitude. The Phase-I of the proposed Kakinada SEZ Port will be developed in an area of 206.0 ha (509 acres) and the land is sandy in nature. The area is covered with scrubs and Cashew and Casuarina plants. It is proposed to develop one Coal Berth with a length of 300m with a depth of (-) 17.6 m CD and two Multipurpose Cargo Berths with a length of 230 m each with a depth of (-) 13.50 m CD along with a Port Crafts Berth with a length of 100 m (-) 7 m. CD. The port will be protected by two breakwaters. The predominant wave direction in the project area is SE-SSE. The length of North breakwater is 850 m and the South Breakwater is 3000 m. The length of Outer Approach Channel is 6484 m and Inner Approach Channel is 1245 m. The width of the approach channel is 205 m with a depth of (-) 19.51 m CD at Outer Channel and with a depth of (-) 17.88 m CD at Inner Channel. The diameter of the Turning Circle is 542 m with a dredged depth of (-) 18.7 m CD. The total capital dredging material is estimated at about 13.4 million cum. The dredged spoils consisting of fine sand at top layer to a depth of 2.0 m to 4.0 m and the second layer of sand consists of stiff clay, dark grey in colour to a depth in the range of 6.0 to 8.0 m. Out of 13.4 million cum of capital dredged material, 7 million cum will be used for raising the back-up area from the existing average elevation of (+) 3.2 m CD to about (+) 5 m CD. The balance dredged material of 6.4 million cum will be partly used for beach nourishment towards Northern shoreline within the project area and the excess material if any, will be disposed at the identified location determined through the Mathematical model.

4. The requirement of water is 772 KLD which includes potable as well as for washing purposes and to meet the requirement of Mechanical Dust Suppression System (MDSS). About 395 KLD will be utilised for raising and maintenance of the green belt. A wind barrier of 11 m height is proposed around the coal stockyard comprising of retaining wall and steel columns. The Municipal Solid Waste generation will be about 1300 Kgs/day. About 60% of the waste is bio-degradable and 40% will be non-bio-degradable. It is proposed to construct two Organic Waste Composters (OWC) of 250 kg/day and the compost will be used for captive purpose. Used and spent oils will be sent to the recyclers authorised by the APPCB. Chemicals and sludge oil will be collected and supplied to the authorised vendors of APPCB and hazardous waste and unusable contaminated oil will be sent to the nearest TSDF.

5. The National Institute of Oceanography, (NIO) an authorised agency of the MoEF&CC, carried out demarcation of HTL, LTL and CRZ in the project

area. The area is classified as Stable Coast as per the classification of Shoreline Atlas prepared by the National Centre for Sustainable Coastal Management (NCSCM), Chennai, who carried out shoreline changes study of the coasts of India. The area surrounding the project area is classified as CRZ-I(A) i.e. sand dunes, CRZ-I(B) inter-tidal zone, CRZ-III i.e. Area located in between HTL and 500 m from HTL and CRZ-IV (A) i.e. the area located in between LTL and 12 NM.

6. *Construction of Port and its affiliated facilities is a permitted activity in this zone as per paragraph 3(i) (a) of CRZ Notification, 2011 and is a regulated activity under paragraph 4(i)(a)(f), 4(ii)(d); 8 I(i)(b)(c), 8.IIIA(i) and 8.III.B(iv). There are no ecologically sensitive areas such as Mud flats, Mangroves, Heritage sites, Bird Nesting Grounds, Marine Parks and Sanctuaries within 7 km radius of the project area.*

7. *The Authority examined the proposal and felt that the EIA and EMP was prepared using the secondary data sourced from the District Planning map, 2003, Wetland Atlas, AP 2011, March, 2013, Wildlife map 2015 by Wild Life Institute (WII). The information was drawn from archived data from various sources. The Land Use Land Cover data prepared by APSRAC during the year 2011-12 was used which was based on LU Resoursat-2, LiSS-IV FMX (P104, R061) of 13<sup>th</sup> March, 2015 from NRSC. The Authority opined that the latest data which was available from scientific institutions should have been used to elicit better results to create baseline data base.*

**8. The Authority examined the proposal and opined that the proposal may be accorded No Objection Certificate subject to the implementation of safety regulations including guidelines issued by the Ministry of Surface Transport, Government of India and subject to further terms and conditions for implementation of ameliorative and restorative measures in relation to environment:**

- (1) The proponent shall undertake the conservation and stabilization of sand dunes and sand ridges in the project area. The port management shall implement engineering interventions, wherever necessary and extensive vegetative measures by using suitable species. Expert agencies who have reputation in carrying out such works shall be engaged as the coast is vulnerable to cyclones and Tsunamis, keeping inview the past experience at Uppada stretch of the coast.**
- (2) Though, the area was classified as stabilized shoreline by NCSCM, Chennai, there shall be minimum human interference and no development activities other than those permitted shall**

be undertaken, in order to ensure protection of shoreline as well as hinterland from surges of sea water.

- (3) Continuous sound monitoring to study the impact of vibrations on marine fauna shall be taken up during operation stage. It shall be ensured that the results shall be submitted to the APCZMA / APPCB for the evaluation.
- (4) The proponent shall undertake the study on marine bio-diversity by engaging a reputed organization / university having proven expertise in the relevant field. Similar monitoring mechanism shall be developed for monitoring terrestrial part to determine the impacts.
- (5) The proponent shall ensure continuous monitoring of the sea water around the area of activity to assess the extent of impact on the surrounding water zone and corresponding impact on marine flora and fauna.
- (6) There shall be permanent monitoring system to study the changes in shoreline on both sides. Studies on sediment movement, which nourishes the shoreline shall be taken up periodically / regularly and suitable protection measures that includes vegetative and engineering interventions such as submerged breakwaters and geo-tubes as required, shall be taken to prevent erosion of shore lines on both sides of the project site.
- (7) The project proponent shall extend necessary assistance to the Forest and Wildlife Department towards conservation and preservation of Coringa Wildlife Sanctuary, which is an Ecologically Sensitive Area.
- (8) Permanent salinity monitoring stations shall be established on the landward sides to prevent intrusion of salinity into the wells, i.e. beyond the creek area, where agriculture is the predominant occupation of the people.
- (9) Storm water channels from the upper catchment area shall be maintained to prevent flooding of the agriculture lands due to construction of port. Free flow of water shall be ensured during flood season. No deepening of existing creeks shall be taken up.
- (10) Extensive afforestation shall be taken up in the hinterland areas to serve as wind breaks and stabilization of sand areas by using suitable species in consultation with the Forest & Wildlife Departments.
- (11) Mechanical Dust Suppression System (MDSS) shall be established and wind barriers shall be erected to control fugitive

**dust around coal stock yard. Exclusive Multiple Row Plantations shall be developed around the coal stock yard.**

**12. Real time Air Quality Monitoring Station with weather parameters must be established by the proponent enabling the effective environmental management of coast in the project area. The real time air quality data must be submitted regularly to APCZMA/APPCB.**

**(12) Suitable steps to protect the hatcheries located within project area as well as beyond the project limits shall be taken by way of maintaining the standards stipulated for marine waters within a kilometer from shoreline.**

**The Authority recommended that the project proposal may be forwarded to the MoEF& CC for according necessary clearance under the provisions of CRZ Notification, 2011.**

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**5. The Visakhapatnam Port Trust – Development of Multipurpose Terminal in place of existing EQ-2 to EQ-5 berths to cater to 14.50 mdraft vessels at Inner Harbour of Visakhapatnam Port.**

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The Visakhapatnam Port Trust, Visakhapatnam submitted proposal for the development of Multipurpose Terminal in place of existing EQ-2 to EQ-5 berths, which have outlived their utility, to cater to 14.5 m draft vessels for handling of 6.45 MTPA of cargo at Inner Harbour of Visakhapatnam Port. The capital cost of the project is Rs.537.48 crores. It was requested to arrange to send the recommendations of the APCZMA on the proposal to the Ministry of Environment, Forests and Climate Change, Government of India, New Delhi to enable them to obtain Environmental clearance under the provisions of CRZ Notification, 2011 & EIA Notification, 2006.

2. The Ministry of Environment, Forests and Climate Change, Government of India, New Delhi issued Terms of reference (ToR), wherein it was stipulated that the project proponent to submit the recommendations of the APCZMA and authenticated CRZ map superimposing the proposed layout of the port as prepared by the authorised agency.

3. The Visakhapatnam Port Trust proposed development of Multipurpose Terminal in place of existing EQ-2 to EQ-5 berths, which have outlived their utility, to cater to 14.5 m draft vessels for handling of 6.45 MTPA of cargo at Inner Harbour of Visakhapatnam Port on DBFOT basis. The proposal is to replace the existing EQ-2 to EQ-5 are (i) to facilitate navigation of Panamax vessels by increasing the width of the basin to handle 40-45 million tonnes of

cargo in the inner harbour and the present berths have outlived their economic life and unsafe for handling the cargo. A berth length of 280 m is required for safe mooring and operation of designed vessel of 230 m length. It is proposed to utilise remaining length of EQ-2 together with EQ-3 and EQ-4 berths and a portion of EQ-5 berth of about 89 m are proposed to be merged for developing two berths each of 280 m. It is envisaged to construct a single straight 522 m long quay with 2 nos. berths capable of simultaneous berthing of two ships with 14.0 m draft. The coordinates of the present project is indicated as 17° 41' 49.06" to 17° 42' 10.8" North Latitude and 83° 16' 58.7" to 83° 17' 0.6" East Longitude. The dredged material will be utilised for the nourishment of beach on north side of the existing port which is subjected to erosion on account of natural phenomena on account of sea wave / current action. A quantity of about 4,00,000 cum of sand is being pumped for beach nourishment every year as part of social commitment. Since 1990s, about 4.3 lakh saplings have been planted by VPT in and around the port and Vizag City over an area of 650 acres. 5,000 saplings were planted as a replacement to the damaged plants immediately after HUDHUD. About 41,000 saplings were planted during 2015-16 and additional 40,000 proposed during 2016-17 in Port area.

4. The water requirement is met from the supplies of GVMC under an agreement which includes potable as well as for washing purposes including for use in Mechanical Dust Suppression System (MDSS). About 1,67,309 cum / month of potable water is supplied by GVMC as per the agreement now. At present, STP maintained by GVMC and VPT's own wells supply nearly 3,00,000 cum / month to meet the requirement of MDSS and other systems. A wind barrier of 11 m height is proposed around the coal stockyard consisting of retaining wall and steel columns. The Municipal Solid Waste generation will be about 1300 Kgs/day. Used oil and spent oil will be sent to the authorised recyclers designated by the APPCB. Chemicals and sludge oil will also be collected to authorised vendors of APPCB and to the nearest TSDF.

5. The Institute of Remote Sensing, (IRS) an authorised agency of the MoEF&CC, carried out demarcation of HTL, LTL and CRZ in the project area. The area is classified as Stable Coast as per the classification of NCSCM, Chennai atlas, who carried out shoreline changes study of entire coast of India. The HTL follows along the constructed berthing structures. 100 m setback CRZ is drawn all along the creek of Meghadrigedda where the Inner Harbour is located. The area is classified as CRZ-II as per the approved Coastal Zone Management Plan of the area. There are no ecologically sensitive areas such as Mud flats, Mangroves, Heritage sites, Bird Nesting Grounds, Marine Parks and Sanctuaries within 7 km radius of the project area. The beaches of north of Visakhapatnam Port are found to provide sporadic nesting grounds of Olive Ridley turtles. Since the proposed replacement of existing

structures are located in the channel connecting the InnerHarbour, there is no impact on the nesting of any marine fauna.

6. *Construction of Port and its affiliated facilities is a permitted activity in this zone as per paragraph 3(i) (a) of CRZ Notification, 2011 and is a permitted and regulated activity. The area has existing berths with all necessary infrastructure i.e. the area has been developed up to the shoreline. The project needs clearance from the MoEF&CC under CRZ Notification, 2011 and Environment Impact Assessment Notification, 2006.*

7. *The project operator used the secondary data from the Google Earth Image, IRS-ID.P6, LISS-III/IV and PAN merged product re-sampled to 5 m resolution for study area (1:10000), LISS-III (23.5m resolution) for preparation of land use which was prepared on 26-12-2015. In respect of geomorphological features, the maps prepared by NRSC from 1998 to 2008 were used.*

**8. The Authority examined the proposal and opined that the proposal may be issued 'No Objection Certificate' subject to the implementation of safety regulations including guidelines issued by the Ministry of Surface Transport, Government of India and subject to further terms and conditions for implementation of ameliorative and restorative measures in relation to environment:**

- (1) Continuous monitoring of sea water in the channel Inner Harbour Approach Channel and berth areas to study the impact of turbidity on marine fauna shall be taken up during the construction and operation stage. It shall be ensured that the results shall be submitted to the APCZMA / APPCB for the evaluation.**
- (2) The proponent shall undertake the study on marine bio-diversity by engaging a reputed organizations / universities having proven expertise in the relevant field. Similar monitoring mechanism shall be developed for monitoring terrestrial part to determine the impacts.**
- (3) The Port authorities shall continue to nourish the beaches located on the northern side of North Breakwaters within the Port limits, which are vulnerable to sea erosion during monsoon season.**
- (4) The port shall also undertake the scientific studies by engaging reputed agencies like National Institute of Ocean Technology (NIOT) and Indian Institute of Technology, Chennai to study the**

**feasibility of constructing submerged breakwaters to protect the beach road from seasonal erosion.**

- (5) No Mining / Quarrying of material from Yarada Hill for commercial purposes shall be undertaken, which is considered as natural barrier and protects the habitations from vagaries of nature. However, quarrying of stone for annual maintenance of breakwaters and for captive use of VPT are permissible.**
- (6) Priority to be given to the maintenance of storm water drains from the bowl area to prevent possible flooding of the surrounding areas.**
- (7) Raising and maintenance of Green belt within and outside the port area shall be taken up on priority under Green Visakha Programme. Necessary assistance shall be extended to the local agencies.**
- (8) Protection shall be ensured to the existing mangrove patches in abutting Meghadrigedda creek and other creeks within Port area. Raising of mangroves in suitable new areas and maintenance of existing mangroves to be prioritized to maintain the present status of ecology (bio-diversity).**
- (9) Solid waste shall be disposed at the authorised sites of APPCB.**
- (10) Dredged material shall be utilised for nourishment of beaches.**

**The Authority recommended that the project proposal may be forwarded to the MoEF& CC for according necessary clearance under the provisions of CRZ Notification, 2011.**

**\* \* \* \* \***

**6. Amendment to the CRZ clearance issued to Beach Resort "Karthikavanam Eco-Tourism Project" at S. No.16 of Yendada Village area of Greater Visakhapatnam Municipal Corporation (GVMC) by the MAG Leisures, Visakhapatnam.**

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The MAG Leisures, Visakhapatnam submitted proposal for certain amendments necessitated on account of change in land use pattern as part of development of Beach Resort known as "Karthikavanam Eco-Tourism Project at S. No.16 of Yendada Village area of Greater Visakhapatnam Municipal Corporation (GVMC). The land is owned by Visakhapatnam Urban Development Authority (VUDA) and the project developer is MAG Leisures, Visakhapatnam. The project developer enclosed the latest demarcation of area by NIO on 25-08-2016, revised master plan of the project, typical elevation of the cottages, all weather Sampradaya Vedic and traditional houses.

2. The area earmarked for the project is 4 ha (Ac.10) and situated within Coastal Regulation Zone. The area is classified as CRZ-III and 16,592.12 Sq. mtrs( Ac.4.10cts) is falling within No Development Zone i.e in 0-200 m from HTL as per the approved Coastal Zone Management Plan of the area. The remaining area of 23,876.45 Sq. m (Ac/5/90 cts) is classified as CRZ-III in 200-500 m zone, where construction of beach resort for temporary occupation is a permitted activity. The project proponent engaged the services of the National Institute of Oceanography (NIO), an authorised agency of Government of India, who carried out the demarcation of LTL, HTL and CRZ of the area . The geographical location of the site is 17<sup>0</sup> 41'N latitude and 83<sup>0</sup>17' E Longitude and is situated on the seaward side of the Beach Road connecting Visakhapatnam to Bhimunipatnam. The geographical elevation of the site is indicated as 4 m above MSL.

3. The project developer carried out detailed engineering survey after obtaining CRZ clearance from the MoEF&CC, Government of India through their clearance No. F. No.11-12/2013-IA-III, dated 26-02-2014. The Open Air Theatre, which was included in the clearance, will not be of any use due to the fact that the area in and around Visakhapatnam experiences two monsoons namely North-East monsoon and South-West monsoon. For a large part of the year, the area experiences rainfall which necessitates a closed structure rather than an open air theatre. Moreover, the area experiences cyclones from the Bay of Bengal during September – November. The amendment has been necessitated due to proposed changes in built-up area, increase in number of cottages from 84 to 86, all Weather SampradayaVedika instead of Open Air Theater and increase in parking area. Though, the plot area remained unchanged, there are changes with respect to parking, landscaping and land use pattern mainly coverage of area and the comparative statement is placed below for ready reference:

No	Description	Plot Area			
		Approved as per CRZ Clearance		Proposed Amendment Required	
		Sq.m	Acres	Sq.m	Acres
1	Landscaping	24651.12	6.09	21212.16	5.24
2	Parking	3895.93	0.96	5015.60	1.23
3	Circulation	4777.75	1.18	7106.03	1.76
4	Built-up area (Ground coverage)	5267.21	1.30	7168.32	1.77
5	Open Air Theatre	1910.10	0.47	-	-
	<b>Total Area</b>	<b>40502.11</b>	<b>10.00</b>	<b>40502.11</b>	<b>10.00</b>

Similarly, the comparative statement of the built up area as approved in CRZ clearance and the proposed amendment required is placed below for ready reference:

.No	Description	Built-up Area			
		Approved as per CRZ Clearance		Proposed Amendment Required	
		Sq.m		Sq.m	
		Ground Floor	First Floor	Ground Floor	First Floor
	Ethnic Food court	578.00	-	-	
	Traditional House	328.00	328.00	315.03	309.88
	Restaurant	468.64	468.64	-	-
	Cottages	2415.00	2415.00	2140.45	2140.45
	Main Reception and Lounge	185.80	-	202.24	202.24
	Central kitchen & Theme Restaurant	662.82	-	1100.66	994.37
	Sewage Treatment Plant	628.95	-	628.95	-
	All weather SampradayaVedika /Open Air Theatre	-	-	3163.59	1566.74
	Total	5267.21 (1.30 Acres)	3211.64 (0.79 Acres)	7550.92 (1.87) Acres	5213.68 (1.29) Acres
	Built up Area (Sq.m)	(5267.21+3211.64) <b>= 8478.85</b>		(7550.92+5213.68) <b>=12764.60</b>	
	Built up Area (Acres)	(1.30+0.79) <b>=2.09</b>		(1.87+1.29) <b>=3.16</b>	

4. The project developer submitted the revised proposal with a request to recommend the project for amendment to the CRZ clearance accorded earlier for the following changes:

- Built-up area has been changed from 8478.85 Sq.m to 12764.60 Sq.m. The number of cottages has been changed from 84 to 86.
- All Weather Sampradaya Vedika is now proposed instead of Open Air Theatre having a built-up area of 4730.33 Sq.m.
- Parking area has been changed from 3895.93 Sq.m to 5015.60 Sq.m.

5. *The Beach Resort Project was accorded environmental clearance by the MoEF&CC on 26-02-2014. On detailed engineering study, certain changes were necessitated, which are permissible under the Annexure-III of CRZ Notification, 2011.*

**6. The Authority opined that the development of beach resorts or hotels in the designated areas of CRZ-II and CRZ-III for occupation of tourists or visitors is a permitted activity. The Authority recommended for issue of NOC to the proposed increase in built-up area, number of cottages, conversion of open air theater to covered structure and increase in parking area and forward the proposal to MoEF&CC for amendment to the clearance under the provisions of CRZ Notification, 2011.**

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**7. M/s. Gandhi Circuits Hotels and Resorts - Development of Beach Resort at Sy.No.37/14,Chepalauppada Village, Bheemunipatnam Mandal, Visakhapatnam District.**

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The Managing Partner, M/s.Gandhi circuits Hotels & Resorts, Visakhapatnam submitted proposal for development of Beach Resort Project at Sy. No.37/14 of ChapalauppadaVillage of BhimunipatnamMandal in Visakhapatnam District. The built up area is 1572.05 sq.m in a land area of 1.06 acres or 4047.10 sq.m with full-fledged landscaping and green belt. The land is private property owned by the project developers

2. The area earmarked for the project is located within Coastal Regulation Zone. The area is classified as CRZ-III and falling in 200-500 m from HTL, where construction of beach resort for temporary occupation is a permitted activity. The project proponent engaged the services of the National Institute of Oceanography (NIO), a notified agency of Government of India, who carried out the demarcation of LTL, HTL and CRZ of the area. The geographical location of the site with the centre co-ordinates is 17<sup>0</sup> 50' 38.50"N latitude and 83<sup>0</sup> 24' 27.69" E Longitude and is situated on the seaward side of the Beach Road connecting Visakhapatnam to Bhimunipatnam. The site of the beach resort is abutting the creek on southern and south-eastern side and facing beach front on eastern side. The average ground elevation of the site is indicated as 9.3 m to 9.6 m above MSL with average elevation of 9.50 m above MSL. The water requirement is projected at 37.2 KLD. The area does not cover environmentally sensitive area such as national parks / marine parks, sanctuaries, wildlife habitats, mangroves, corals / coral reefs, breeding and spawning grounds of fish and other marine life, area of outstanding natural beauty / historical / heritage area and area rich in genetic diversity except sand dunes as the area is located on the seaward side of the Beach Road. The total cost of the project is Rs.7.25 crores and the proposal included the construction of buildings to accommodate the Guest Enclave, Banquet hall complex and Staff Enclave, apart from STP, Electrical buildings. The project proponent submitted the Questionnaire prescribed for the Beach Resort Projects, Report on Effluent Treatment Plant, Report from the State Ground Water Board, Demarcation report by NIO and Physico-Chemical Analysis report of the raw water.

3. *As per the Annexure-III of the CRZ Notification 2011, development of Beach resorts / Hotels in the designated areas of CRZ-III beyond 200 m for temporary occupation of tourists / visitors is a permitted activity but requires prior approval from the Ministry of Environment, Forests and Climate Change,*

*Government of India. The paragraph 8 under sub-paragraph (III) 3 B (i) of CRZ Notification, 2011 permits the development of beach resorts in 200-500 M. area. However, the construction of beach resorts is a regulated as per the norms stipulated in Annexure-III of the CRZ Notification, 2011.*

**4. The Authority opined that the development of beach resorts or hotels in the designated areas of CRZ-II and CRZ-III for occupation of tourists or visitors is a permitted activity. The Authority opined that the height of the structures may be restricted to 9 m. as the project is located in 200-500 m zone of CRZ-III area. The Authority also stipulated that no construction shall be undertaken in No Development Zone (NDZ) i.e. between HTL and 200 m of open sea. No construction is permitted in the NDZ earmarked from the HTL of the creek and shall be utilised for raising green belt or other permitted activities in NDZ only. The Authority recommended for issue of NOC and forward the proposal to MoEF&CC for clearance under the provisions of CRZ Notification, 2011.**

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**8.A. Building Construction proposals in CRZ-II areas of Greater Visakhapatnam Municipal Corporation (GVMC) – Approval by APCZMA under the provisions of CRZ Notification, 2011.**

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1. **Sri. V. SrinivasaRao** & others r/o Visakhapatnam requested for authorisation to undertake construction of RCC Roof Residential Apartment building comprising Ground + 4 floors bearing D. No. 2-35-73/7, Plot No. 70 to 74 in Sy.No. 19/1 of ChinnaWaltair Village, GVMC Visakhapatnam. The applicant has not enclosed the information in prescribed profoma, no building drawings are furnished and authorisation of the endorsement from the GVMC, Visakhapatnam.

2. **Sri Hamza K Mehdi**&2 others of Visakhapatnam submitted a proposal for the construction of RCC Roof apartment building at D. Nos.6-22-13/1,2,3 & 4 in S. No.125/2-A8 &125/2C, Waltair Ward, Division No.18, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam. The total area of the site is 3922 sq. yds. The Commissioner, GVMC furnished the Endorsement through Rc. No.010913/2016 /ACP-II/G1, dated 26-08-2016. The applicant sought authorization to undertake the construction under the provisions of CRZ Notification, 2011.

3. **Sri L. Vijay**, r/o Bheemunipatnam, Visakhapatnam District submitted a proposal for the construction of 1<sup>st</sup> Floor on the existing RCC Roof Residential building with building bearing D. Nos.13-32-42, Pandah Street at

T. S. No. 943, Bheemunipatnam Municipality, Visakhapatnam District. The total area of the site is 173.21 Sq. yds and the proposed construction area of 1<sup>st</sup> floor is 82.91 sq. m. The area is classified as CRZ-II as per the approved Coastal Zone Management of the area and is situated on the landward side of the existing Municipal roads. The Zonal Commissioner, Bheemunipatnam Municipality of GVMC furnished the Endorsement through Rc.No. 1065/ G1& B.A. No.127/2015, dated 12-09-2016. The applicant sought authorization to undertake the construction under the provisions of CRZ Notification, 2011.

4. **Sri G. Ramakrishnam Raju** & others of Visakhapatnam submitted a proposal for the construction of Ground + 4 Upper Floors with Veranda RCC Roof Commercial building & Hall covered with sheet roof at D. Nos.2-48-7, 2-48-9, 2-48-13, 2-48-14, 2-48-15, & 2-48-16 Ward No.07, Zone-2, in S. No.10-4A part and 10-5A part.Chinawaltair, MVP Colony, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam. The total area of the site is 6768.41 sq. m. The Commissioner, GVMC furnished the Endorsement through B.A. No.1086/2600/B/Z2/MEM/2016, dated 27-10-2016. The applicant sought authorization to undertake the construction under the provisions of CRZ Notification, 2011.

5. **Sri D.S.D. Shilendhar Reddy**, Managing Director, Blue Jay Projects & Constructions Pvt. Limited r/o Bhimunipatnam, Visakhapatnam District submitted proposal for the construction of Residential Apartment Building with Stilt + Ground + 4 Upper Floors at **T.S.No. 977**, Door No.15-12-57, Ward No.23, block No.12 Boyaveedhi, Bhimunipatnam Municipality, Visakhapatnam District. The total area of the site is 705 Sq. yds (589.56 Sq. m.) as per the enclosed document. The Zonal Commissioner, Bheemunipatnam Zone, GVMC issued Endorsement through B.A. No.11034/2015/ACP/Bheemili, dated 30-05-2015. The area is classified as CRZ-II as per the approved Coastal Zone Management Plan of the area. The proposed site is falling on the landward side of the beach road. The applicant sought authorisation under the provisions of CRZ Notification, 2011.

6. **Sri D.S.D. Shilendhar Reddy**, Managing Director, Blue Jay Projects & Constructions Pvt. Limited r/o Bhimunipatnam, Visakhapatnam District submitted proposal for the construction of Residential Apartment Building with Stilt + Ground + 4 Upper Floors at Thotaveedhi, Ward No.28, Block No.24, Door No.12-24-1 at **T. S. No.400**, Bhimunipatnam Municipality, Visakhapatnam District. The total area of the site is 794 Sq. yds (666.96 Sq. m.) as per the enclosed document. However, the applicant did not enclose the endorsement from the competent authority, but stated the Endorsement issued by the competent authority as B.A. No.1103/2015/ACP/BML. The area is classified as CRZ-II as per the approved Coastal Zone Management Plan of the area. The applicant has not enclosed the drawings of the proposed building and also

endorsement by the Zonal Commissioner of Bhimunipatnam Municipality. The proposed site is falling on the landward side of the beach road. The applicant sought authorisation under the provisions of CRZ Notification, 2011.

(7) The Secretary, **the Ramakrishna Mission Ashrama**, Visakhapatnam submitted a proposal for the construction of RCC Roof extensions over the existing buildings at S. Nos.1200/1, 1200/2, 1200/3 and 1200/5, Waltair Ward, Zone-II, Division No.19, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam. The extension of Free Cerebral Palsy clinic by addition of one more floor. This clinic is giving free service to affected children and because the increase in number of children, the expansion is needed as the space now is too short, the Library for addition of storage space and few class rooms for value education purpose. At present the library is providing free service and it is proposed to add few rooms for giving free value education programme for youth and children, Andhra Bank Building that needs extension due to increased activity and construction of ATM counter for Bank. The total area of the Ramakrishna Mission (RKM) Campus is 5560 sq.yds. The RK Mission is engaged in rendering free social service to the needy people. All the proposed extensions are on existing ground floor buildings. The Greater Visakhapatnam Municipal Corporation (GVMC) exempted the buildings from payment of building tax. The Secretary of RKM sought authorisation to undertake the construction under the provisions of CRZ Notification, 2011. However, no authorisation/ Endorsement from the Commissioner, GVMC are enclosed. The area located at S. No. 1200/1, 1200/2, 1200/3 and 1200/5, Waltair Ward, Zone-II, Division No.19 of Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam stands categorized as CRZ-II as per the approved Coastal Zone Management Plan. The area is located on the landward side of the Beach road connecting Visakhapatnam and Bhimunipatnam.

*As per paragraph 4 (i) (d) of CRZ Notification, 2011 all building projects / construction projects less than 20,000 sq m. of built-up area requires approval from the State Coastal Zone Management Authority before grant of approval by the concerned planning authority. As provided in paragraph 8.II under the heading CRZ-II, buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures and buildings permitted on the landward side of the existing and proposed roads or existing authorized structures shall be subject to the existing local town and country planning regulations including the 'existing' norms of Floor Space Index or Floor Area Ratio. The reconstruction of authorized building to be permitted subject with the existing Floor Space Index or Floor Area Ratio Norms and without change in present use.*

The Authority examined the proposals and observed that the building proposals for construction in CRZ-II areas are located on the landward side of the existing roads or landwards side of existing authorised structures. However, the item listed under serial number 8A (1), the applicant did not furnish the information in prescribed format, building drawings were not enclosed and without the authorisation or the endorsement from the GVMC, Visakhapatnam. As per the Commissioner, GVMC all these buildings listed at serial number 8A(2) to 8A(7) are located in the jurisdiction of Greater Visakhapatnam Municipal Corporation and the areas are classified as CRZ-II as per the approved CZMP. The Authority opined that authorisation can be accorded for construction of the buildings cited in the proposals from item 8A(2) to 8A(7), subject to the norms stipulated in paragraph 8 under the heading of CRZ-II of CRZ Notification, 2011.

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**8.B. Building Construction proposals in CRZ-III areas - Approval by APCZMA under the provisions of CRZ Notification, 2011.**

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1. **Sri. A.V.S. Rama Rao** r/o Visakhapatnam sought permission to undertake construction of RCC Roof Residential building comprising Ground + 2 upper floors , in Plot No. 376, L.P. No.108/75, Survey Nos. 139/1, 141/1, 143/2 & 156/1 of Chinagadili Village, Division No.6, Zone - I of GVMC, Visakhapatnam . The total size of the Plot area is 138.80 sq.m and is classified as CRZ-III as per the approved Coastal Zone Management Plan (CZMP) of the area. The Commissioner, GVMC issued Endorsement through Rc. No.697 /2016/ACP-I/G1, dated 07-09-2016.

2. **Smt K. Jhansi**, D. No.10-174, ChinagadhiliVillage, Division No.6, Zone-I, GVMC, Visakhapatnam submitted proposal for the construction of residential apartment building with Stilt floor for parking + Ground + 2 Upper Floors with D. No.10-174, Plot No.337 in T. S. No.139/1, 141/1, 143/2 & 156/1, of ChinagadhiliVillage, Division No.6, Zone-I, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam. The total area of the site is 300.sq. yds. The Commissioner, GVMC issued Endorsement through Rc. No.14272/2015/Zone-I/G-I, dated 03-03-2016.The proposed site is falling on the landward side of the beach road. The applicant sought authorisation under the provisions of CRZ Notification, 2011.

3. **Dr.(Mrs.) SaralaMohana Ram**, D. No.4-62/5/1, Lawson's Bay Colony,Supraja Clinic, Visakhapatnam submitted proposal for the construction of RCC Roof Residential building located at S.Nos.26/20A and 20B of

Rushikonda Village, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam. The total area of the site is 338.08 sq.m. The Commissioner, GVMC furnished the Endorsement with a direction to submit the authorisation from the APCZMA through Rc. No.11155/2014/ACP-I/G1, dated 20-09-2016. The applicant sought authorisation under the provisions of CRZ Notification, 2011.

4. **Sri E. Ashok Kumar**, D. No.50-52-15/14, MIG-73, Coromandel Layout, Seethammadhara, Visakhapatnam submitted proposal for the Construction of Stilt floor for Parking + 3 Upper Floors RCC Roof Residential building in S. No.139/1, 141/1, Near Door No.10-57/1 VUDA approved layout Plan No.108/75, of ChinagadhiliVillage, Visalakshminagar GVMC, Visakhapatnam. The total area of the site is 250.94 sq.m(300 sq.yds). The applicant sought authorisation under the provisions of CRZ Notification, 2011. The Endorsement from the Commissioner, GVMC is not furnished.

5. The Authorised Signatory & Director, **M/s. Laya Constructions Private Limited**, Flat No.148, Seethammadhara, North Extension, Visakhapatnam submitted proposal for the construction of temporary structures (Ground Floor) for the purpose of staff quarters located at Sy. No.6/4 & 6/5 part of Chinawaltair area of MVP Colony, Ward No.7, Greater Visakhapatnam Municipal Corporation (GVMC). The total area of the site is 1808.36 sq. m. with proposed ground floor area of 448.32 sq. m. The Commissioner, GVMC issued Endorsement through RC No.2292/2016/ACP-II/G2, dated 20-10-2016. The applicant sought authorisation under the provisions of CRZ Notification, 2011.

6. **Sri Ch. Jagadeeswarudu**, D. No.1-4 of S. No.156/1part of Jodugullapalem, ChinagadhiliVillage, Division No.6, Zone-I, GVMC, Visakhapatnam submitted proposal for the construction of residential individual building Ground + 2 Upper Floors in existing building with D. No.1-4 of S. No.156/1part of Jodugullapalem, ChinagadhiliVillage, Division No.6, Zone-I, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam. The total area of the site is 300.sq. yds. The Commissioner, GVMC issued Endorsement through Rc. No.11906/2016/ACP-I/G-I, dated 07-09-2016. The proposed site is falling on the landward side of the beach road. The applicant sought authorisation under the provisions of CRZ Notification, 2011.

7. **Smt. K. SoundarRajanUsha**, r/o Visakhapatnam, submitted proposal for the construction of RCC Roof Residential building located at S. No.5/p, 8/p, 9/p, 12/p, 13/p, Plot No.100, L. P. No.29/91, Division No.6, Zone-1, GVMC, of RushikondaVillage, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam. The total area of the site is 222.83 sq.m. The Commissioner, GVMC, is stated to have furnished the Endorsement through B.

A.No.1086/1153/B/Z1/RDA/2016, dated 28-06-2016. However, the applicant did not enclose the copy of the Building Permit Order in support of the request for authorisation. The applicant sought authorisation under the provisions of CRZ Notification, 2011.

8. **Sri S. Ravi Varma**, r/o Visakhapatnam submitted proposal for the Construction of RCC Roof Residential Apartment building consisting of Ground+ 2 Upper Floors by removing existing AC roof house with D. No.10-171/7, Plot No.342 of S.No.139/1, 141/1, 143/2 & 156/1 of Chinagadhili Village, Division No.6, Zone-I, GVMC, Visakhapatnam. The total area of the site is 300 sq.yds. The Commissioner, GVMC, is stated to have furnished the Endorsement through Rc. No.8212/2016/ACP-1, dated 28-06-2016. The applicant sought authorisation under the provisions of CRZ Notification, 2011.

9. **Smt A. Mutyalamma** of Visakhapatnam submitted proposal for the construction of first and second floors over the existing RCC Roof Ground floor Residential building D. No.10-58/10, Plot No.370, L. P. No.108/75 of Vendor Society Colony at S. Nos.139/1, 141/1, 143/2 & 153/1 of Visalakshminagar, Chinagadili Village, Division No.6, Zone-I, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam. The total area of the site is 255. Sq. m. The Town Planning Department issued authorisation through B. A. No.2012-ba-12455, dated 30-04-2012. The area is classified as CRZ-III of the approved Coastal Zone Management Plan. The proposed site is falling on the landward side of the beach road. The applicant sought authorisation under the provisions of CRZ Notification, 2011. The area located at S. No. Plot No.370, L. P. No.108/75 of Vendor Society Colony at S. Nos.139/1, 141/1, 143/2 & 153/1 of Visalakshminagar, Chinagadili Village, Division No.6, Zone-I, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam is categorized as CRZ-III as per the approved Coastal Zone Management Plan.

*As per paragraph 8.III. B.(vii) of CRZ Notification, 2011 the building proposals for construction or reconstruction of dwelling units in CRZ-III areas covered in 200-500 m zone on landward side of HTL are permitted activity, subject to so long it is within the ambit of traditional rights and customary uses such as existing fishing villages and goathans. Building permission for such construction or reconstruction will be subject to local town and country planning rules with overall height of construction not exceeding 9mts with two floors (ground + one floor). The local authority is also authorised to give permissions for such buildings which are classified as CRZ-III in Development area i.e. 200-500 m.*

**The Authority examined the proposals for construction of buildings in CRZ-III areas with respect to items figured in the Agenda from 8.B. (1) to 8.B.(9). The Authority observed that the construction is permissible in between 200-500 m from HTL. The constructions will be subject to local town and country planning rules with overall height of construction not exceeding 9m with two floors (ground + one floor) and also as per the provisions contained in paragraph 8.III. B.(vii) of CRZ Notification, 2011.**

**\*\***

**Sd/-  
Member Secretary,  
APCZMA.**

**Sd/-  
CHAIRMAN.  
APCZMA.**