

Speed Post/Online

F.No.10-24/2008-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 3

Date: 11th October, 2017

To,

M/s Kakinada SEZ Pvt Ltd
3rd floor, Meenakshi House, Road No.7,
Banjara Hills, Hyderabad - 500034,
Andhra Pradesh.

Subject: Kakinada SEZ Port Phase-I at Kona Village, Thondangi Mandal, East Godavari District, Andhra Pradesh by M/s Kakinada SEZ Limited - Environmental and CRZ Clearance - reg.

Sir,

This has reference to your online Proposal No. IA/AP/MIS/158/2012 dated 28th March, 2017, submitted to this Ministry for grant of Environmental and CRZ Clearance in term of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 and Coastal Regulation Zone (CRZ) Notification, 2011, under the Environment (Protection), Act, 1986.

2. The proposal for grant of environmental and CRZ clearance to the project '**Develop an "All-Weather, Deep-Water, Multi-Purpose Kakinada SEZ Port" at Kona Village, Thondangi Mandal, East Godavari District, Andhra Pradesh on the East Coast of India by M/s Kakinada SEZ Limited**' was considered by the Expert Appraisal Committee (Infra-2) in its meeting held on 25th - 27th May, 2017.

3. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above said EAC meeting, are reported to be as under:-

(i) The geographic Co-ordinates is 28°29'47.50"N, 77°26'22.35"E to 28°29'45.26"N, 77°26'25.42"E and 28°29'50.42"N, 77°26'29.94"E to 28°29'52.56"N, 77°26'26.75"E.

(ii) Kakinada SEZ Limited (formerly Kakinada SEZ Private Limited), a subsidiary company of GMR Infrastructure Limited to develop an "All-Weather, Deep-Water, Multi-Purpose Kakinada SEZ Port" at Kona Village, Thondangi Mandal, East Godavari District, Andhra Pradesh on the East Coast of India. Kakinada SEZ Port is proposed to be developed in multiple phases based on market scenario and present proposal is for Phase-I development with a capacity of 16 MTPA to handle dry bulk and multi-purpose/general cargo and to handle upto 1,20,000 DWT vessels.

(iii) It is reported by PP that the Phase-I activities are planned in 206 ha and additional 609 ha is earmarked for future development of port as well as other logistics (warehouses, CFS, logistics park), Marine Projects (ship building, ship repair, offshore supply base).

(iv) Development plan comprises of three (03) cargo berths (one coal berth and two multipurpose berths), one port crafts berth, Breakwaters (NBW: 850 m, SBW: 3000 m), Approach Channel (Inner (-) 17.88 m CD and outer (-) 19.51 m CD depth with 205 m width) and Turning Circle (542 m dia), Capital Dredging (13.4 MCM), capital dredged material reuse for raising the level of back-up (7.0 MCM) and capital dredged material Disposal at identified offshore areas or beach nourishment (6.4 MCM), navigational and backup facilities. Stack yard for multipurpose berths, Coal Stack yard, Port colony, Truck/Tractor trailer parking (5 ha), Port buildings, Utilities, Road and Rail corridor, Substation, Fire-Fighting Facilities, Green belt (20 ha), Approach Road, Warehouses and Covered Area, Dust Suppression System, Wind Barrier, Wastewater management and solid waste Management and others

(v) Water requirement during construction phase will be 155 KLD and during operational phase will be 772 KLD (additional one time requirement of fire water demand of 735 KL). The source will be Samalkota Canal/Nakkalakhandi Drain/Polavaram left canal. Water allocation of 5 MGD (22,730 m³/day) from Samalkota Canal was obtained vide Irrigation and CAD (I&CAD) Department G.O. Ms. No.58 dated April 11, 2008 and Andhra Pradesh Industrial Infrastructure Corporation Limited (APIIC) letter no. ADV-II/APIIC/1151/2010-11 dated October 15, 2013. Alternatively, water source from Nakkalakhandi drain will also be explored.

(vi) Municipal Solid Waste (MSW) generation will be 1.3 TPD. The solid waste generated from various processes will be collected and disposed as per the Municipal Solid Waste Management Rules, 2000. Scrap and waste bins for separate collection of different materials and waste.

(vii) The CRZ mapping, HTL and LTL demarcation of the proposed project has been carried out by CSIR - National Institute of Oceanography (NIO). The project development falls in CRZ I(A), CRZ I(B), CRZ III, CRZ IV(A) and the activities proposed within CRZ area are permissible as per CRZ Notification, 2011. Andhra Pradesh Coastal Zone Management Authority (APCZMA) has issued NOC for CRZ clearance vide letter No. 35/APCZMA/2017 dated 20th March, 2017.

(viii) **Investment/Cost:** The total cost of the project is Rs. 2,123.425 Crores.

(ix) **ToR Details:** TOR was granted for the project vide letter No.10-24/2008-IA-III dated February 07, 2013 and subsequently extension of validity of ToR for one more year accorded vide even letter dated 26.03.2016.

(x) **Public Hearing:** Public hearing for the project was conducted by Andhra Pradesh Pollution Control Board on December 30, 2016 at Project Site, Kona Revenue lands, Near Laksmunudu Peta, Hamlet of K.

Perumallapuram Panchayat, East Godavari District and the issues raised during the public hearing have also been addressed in the Final EIA Report.

(xi) **Employment potential:** Construction phase, project will provide job opportunities to about 1250 direct basis and 1,500 indirect basis manpower. The project will provide employment to about 1,000 direct and 3500 indirect employees when the facility becomes fully operational.

(xii) **Benefits of the project:**

- Due to proposed project, surrounding villages and region would get maximum benefits because of upcoming industries and its allied ancillary units.
- Improved socio-economic conditions with focus primarily work force requirements and increase in industrial activity.
- Quality of life in the region is lightly to improve due to creation of jobs for the local people.
- As the part of CSR initiatives, it is envisaged to create better and quality education, health, hygiene and sanitation, empowerment and livelihoods and community development initiatives.
- Overall economic growth of east Godavari district, in particular in Andhra Pradesh in general.

4. The Expert Appraisal Committee (Infra-2), after detailed deliberations on the project, has recommended the project for grant of Environmental and CRZ Clearance. As per recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental and CRZ Clearance for the project **'Develop an "All-Weather, Deep-Water, Multi-Purpose Kakinada SEZ Port" at Kona Village, Thondangi Mandal, East Godavari District, Andhra Pradesh on the East Coast of India by M/s Kakinada SEZ Limited**, under the provisions of the EIA Notification, 2006 and CRZ Notification, 2011 and amendments thereto and circulars issued thereon and subject to the compliance of the following specific and general conditions as under:-

A. SPECIFIC CONDITIONS:

- (i) Construction activity shall be carried out strictly according to the provisions of CRZ Notification, 2011. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.
- (ii) All the recommendations and conditions specified by the Andhra Pradesh Coastal Zone Management Authority (APCZMA) vide letter No. 35/APCZMA/2017 dated 20th March, 2017 shall be complied with.
- (iii) The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.
- (iv) Dredging shall not be carried out during the fish breeding season.

- (v) Dredging, etc shall be carried out in the confined manner to reduce the impacts on marine environment.
- (vi) Dredged material shall be disposed safely in the designated areas.
- (vii) Dredging management plan shall be drawn and implement with a view to control impact on turbidity apart from providing silt screens.
- (viii) Shoreline should not be disturbed due to dumping. Periodical study on shore line changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six monthly monitoring report.
- (ix) The ground water shall not be tapped within the CRZ areas by the PP to meet with the water requirement in any case.
- (x) While carrying out dredging, an independent monitoring shall be carried out by Government Agency/Institute to check the impact and necessary measures shall be taken on priority basis if any adverse impact is observed.
- (xi) Anticipated environmental impacts and mitigation measures regarding coastal hydrology/morphology including coastal and marine ecology and Oil Spill Contingency Plan (OSCP) given in the EIA/EMP Report shall be implemented in letter and spirit.
- (xii) Marine ecology shall be monitored regularly also in terms of sea weeds, sea grasses, mudflats, sand dunes, fisheries, echinoderms, shrimps, turtles, corals, coastal vegetation, mangroves and other marine biodiversity components as part of the management plan. Marine ecology shall be monitored regularly also in terms of all micro, macro and mega floral and faunal components of marine biodiversity.
- (xiii) The Queries and comments raised by the participants during the Public hearing to the project held on December 30, 2016 will be suitably documented in the form of a management plan drawn up to address to the expressed concerns and complied/implemented in letter and spirit.
- (xiv) The project proponents would also draw up and implement a management plan for the prevention of fires due to simultaneous handling of coal and LNG in close vicinity.
- (xv) The project proponents would also inventories the floral composition of the biota of marine and intertidal biotopes and draw up a detailed marine bio diversity conservation management plan based on possible impacts. The management plan shall be submitted also to the State Biodiversity Board and implemented to their satisfaction during the project cycle.
- (xvi) Spillage of fuel / engine oil and lubricants from the construction site are a source of organic pollution which impacts marine life, particularly benthos. This shall be prevented by suitable precautions and also by providing necessary mechanisms to trap the spillage.

- (xvii) Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986.
- (xviii) All the recommendations mentioned in the rapid risk assessment report, disaster management plan and safety guidelines shall be implemented.
- (xix) Measures should be taken to contain, control and recover the accidental spills of fuel and cargo handle.
- (xx) All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to the RO, MoEF&CC along with half yearly compliance report.

B. GENERAL CONDITIONS:

- (i) Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.
- (ii) Full support shall be extended to the officers of this Ministry/ Regional Office at Bhubaneswar by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.
- (iii) A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bhubaneswar regarding the implementation of the stipulated conditions.
- (iv) Ministry of Environment, Forest and Climate Change or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.
- (v) The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.
- (vi) In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment, Forest and Climate Change.
- (vii) The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.
- (viii) A copy of the clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/

representation has been made received while processing the proposal.

- (ix) A copy of this clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The Clearance letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.

5. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.

6. The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental and CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at <http://www.envfor.nic.in>. The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Chennai.

7. This clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.

8. Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

9. Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.

10. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

11. The proponent shall upload the status of compliance of the stipulated Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.

12. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Clearance conditions including



results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.

13. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of Clearance conditions and shall also be sent to the respective Regional Office of MoEF&CC by e-mail.

14. The above stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 1994, including the amendments and rules made thereafter.

15. This issues with the approval of the Competent Authority


(Kushal Vashist)
Director

Copy to:

1. **The Secretary**, Department of Environment, Government of Andhra Pradesh, Hyderabad.
2. The Chairman, CPCB, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32.
3. **The Additional Principal Chief Conservator of Forests**, Ministry of Environment, Forest and Climate Change, Regional Office (SEZ), Ist and IInd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai - 34.
4. **The Member Secretary**, Central Ground Water Authority, A2, W-3 Curzon Road Barracks, K.G. Marg, New Delhi-110001.
5. Guard File/ Record File/ Notice Board.
6. Monitoring Cell, MoEF&CC.


(Kushal Vashist)
Director