

F. No.10-130/2007-IA.III  
Government of India  
Ministry of Environment & Forests  
(IA-III Division)

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

Date: 9<sup>th</sup> February, 2018

To,

**Shri S. Sridhar, Director**  
M/s Marine Infrastructure Developer Private Limited,  
TC-1 Building, L&T Construction Complex,  
Mount Poonamallee Road,  
Manapakkam, Chennai - 600 089 (Tamil Nadu)

**Subject: CRZ and Environmental Clearance for the development of proposed Shipyard-cum-Minor Port Complex at Kattupalli, Ponneri Taluka, Tiruvallur District. Tamil Nadu by M/s Marine Infrastructure Developer private Limited (MIDPL) - bifurcation of Environmental and CRZ Clearance reg.**

Kindly refer to online application of M/s L&T Shipbuilding Limited (LTSB) vide proposal No. IA/TN/MIS/20243/1910 dated 27<sup>th</sup> May, 2017, submitted to this Ministry for bifurcation of Environmental and CRZ Clearance issued vide Letter No. 10-130/2007-IA.III dated July 03, 2009 in favor of M/s L & T Ship Building Limited (Joint venture of L&T and TIDCO) in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 and CRZ Notification, 2011 under the Environment (Protection) Act, 1986.

2. The proposal was considered by the EAC (Infra-2) in its 21<sup>st</sup> meeting held during 21-24 August, 2017 and 23<sup>rd</sup> meeting held on 13<sup>th</sup> October, 2017. It is inter-alia, noted that the Environmental and CRZ clearance for the development of Shipyard-cum-Minor Port Complex at Kattupalli village, Thiruvallur district, Tamil Nadu was granted to L&T Shipbuilding Limited (LTSB) vide Letter No. 10-130/2007-IA.III dated July 03, 2009. The project consists of shipbuilding, ship repair, modular fabrication facilities, port and associated infrastructure. The Kattupalli Shipyard cum Port Complex has become operational since January, 2013.

3. In considering the divergent nature of business of LTSB and to harness the potential for growth with clear focus on port business, LTSB had approached the Hon'ble National Company Law Tribunal (NCLT), Chennai with a Scheme of Arrangement for Demerger of Port business of LTSB into a separate company Viz., M/s Marine Infrastructure Developer private Limited (MIDPL). The Hon'ble NCLT after careful examination of the scheme, had accorded its approval on 20.03.2017. In pursuant to the said NCLT Order, the Port business in Kattupalli Shipyard cum Port Complex on a going concern basis together with the identified port assets, powers,

sanctions, approvals, registrations etc., stands transferred and vested with MIDPL. The facilities to be operated by MIDPL are given below:

**Port and Common Facilities**

- (i) North breakwater, facilities required for Port such as Navigational Channel [Outer (-)16.7 m CD and Inner (-)17.5 m CD depth], Other Navigational Facilities,
- (ii) Five Berths and 2 Port Craft Berths, Container Freight Station,
- (iii) Container Stackyard, Cargo Storage areas and Tank farms, other various necessary supporting infrastructures, utilities and services etc., Dredging of Port area and Navigation channel and Offshore dumping
- (iv) Area: 336.75 Acres (321.75 Acres of Revenue Land and 15.0 Acres of Coastal land)
- (v) The Permitted activities to be carried out by MIDPL are as given below:

<b>Cargo Handling</b>	
Containers (Mn TEU's)	1.80
Ro-Ro –Automobiles (nos)	1,49,899
Project Cargo (MTPA)	0.44
Break Bulk/general cargo (Barytes/Gypsum/Limestone/Granite/Steel Cargo) (MTPA)	1.82
Edible oil, CBFS, Base Oil, Lube Oil and Non-Hazardous Liquid Cargo (MTPA)	0.57
<b>Total Handling Capacity at Port</b>	<b>24.65 MTPA</b>

4. Based on the information furnished by the Project proponent and the EAC recommendations, the Ministry hereby bifurcates the Environmental & CRZ Clearance in to L&T Shipbuilding Limited (LTSB) and Marine Infrastructure Developer private Limited (MIDPL) for the development of proposed Shipyard-cum-Minor Port Complex at Kattupalli, Ponneri Taluka, Tiruvallur District Tamil Nadu subject to strict compliance of following specific and general conditions:

**Specific Conditions:**

- (i) The proponent shall comply all the conditions stipulated in the letter R.C No.P1/2004/2008, dated 21.10.2008 of Department of Environment, Chennai.
- (ii) The proponent shall comply all the commitment made vide his letter No. D/Shipyard/00/07 dated 20.03.2009.
- (iii) Provision shall be made for the housing of Construction labour within the site with all necessary infrastructure and facilities such as fuel or cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing



may be in the form of temporary structures to be removed after the completion of the project

- (iv) There shall be no withdrawal of groundwater in Coastal Regulation Zone area, for this project. In any case any ground water is proposed to be withdrawn from outside the CRZ area, specific prior permission from the concerned State /Central Groundwater board shall be obtained in this regard.
- (v) No dumping of dredging materials in the sea shall be undertaken. In case of sea dumping required, an integrated Modelling study to be carried out to locate the dump site so that it does not cause any problem to Ennore port.
- (vi) Shoreline changes due the project shall be monitored continuously nourishment of northern shoreline shall be carried out using the sediments from beach acceleration on the southern shoreline.
- (vii) Suitable Screens shall be installed between the construction area and the intakes so that operations of the intakes are not affected by the construction activity.
- (viii) At least a distance of 100 meter shall be provided between intake of Chennai Water Desalination Ltd. (CWDL) and north edge of the northern breakwater as agreed in the meeting between the proponent and CWDL
- (ix) An independent port connectivity shall be developed.
- (x) Rehabilitation if any shall be carried out as per law / State Government.
- (xi) Fire station shall be located within the project area
- (xii) The Hazardous waste generated shall be properly collected and handled as per the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- (xiii) The waste water generated from the activity shall be collected, treated and reused properly.
- (xiv) Sewage Treatment Facility should be provided in accordance with the CRZ Notification.
- (xv) No Solid Waste will be disposed of in the Coastal Regulatory Zone area. The Solid Waste shall be properly collected segregated and disposed as per the provision of Solid Waste Management Rules, 2016.
- (xvi) Installation and operation of DG set if any shall comply with the guidelines of CPCB.
- (xvii) There shall be no reclamation / dredging of areas.
- (xviii) Air quality including the VOC shall be monitored regularly as per the guidelines of CPCB and reported.
- (xix) The project proponent shall undertake green belt development all along the periphery of the project area and also alongside the road.
- (xx) All necessary clearances from the concerned agencies shall be obtained before initiating the project.

- (xxi) Project proponent shall install necessary oil spill mitigation measures in the shipyard. The details of the facilities provided shall be informed to this Ministry within 3 months from the date of receipt of this letter.
- (xxii) No hazardous chemicals shall be stored in the Coastal Regulation Zone area.
- (xxiii) The project shall not be commissioned till the requisite water supply and electricity to the project are provided by the PWD/ Electricity Department.
- (xxiv) Specific arrangements for rainwater harvesting shall be made in the project design and the rain water so harvested shall be optimally utilized.
- (xxv) The facilities to be constructed in the CRZ area as part of this project shall be strictly in conformity with the provisions of the CRZ Notification, 2011 and its amendment. The facilities such as office building and residential buildings which do not require water front and foreshore facilities shall not be constructed within the Coastal Regulation Zone area.

**General Conditions:**

- (i) Construction of the proposed structures shall be undertaken meticulously conforming to the existing Central/local rules and regulations including Coastal Regulation Zone Notification 1991 & its amendments. All the construction designs /drawings relating to the proposed construction activities must have approvals of the concerned State Government Departments /Agencies.
- (ii) Adequate provisions for infrastructure facilities such as water supply, fuel, sanitation etc. shall be ensured for construction workers during the construction phase of the project so as to avoid felling of trees/mangroves and pollution of water and the surroundings.
- (iii) The project authorities shall make necessary arrangements for disposal of solid wastes and for the treatment of effluents by providing a proper wastewater treatment plant outside the CRZ area. The quality of treated effluents, solid wastes and noise level etc. must conform to the standards laid down by the competent authorities including the Central/State Pollution Control Board and the Union Ministry of Environment and Forests under the Environment (Protection) Act, 1986, whichever are more stringent.
- (iv) The proponent shall obtain the requisite consents for discharge of effluents and emissions under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (prevention and Control of Pollution) Act, 1981 from the Tamil Nadu State Pollution Control Board before commissioning of the project and a copy of each of these shall be sent to this Ministry.
- (v) In order to carry out the environmental monitoring during the operational phase of the project, the project authorities shall establish an environmental laboratory well equipped with standard equipment and facilities and qualified manpower to carry out the testing of various environmental parameters.
- (vi) The proponents shall provide for a regular monitoring mechanism so as to ensure that the treated effluents conform to the prescribed standards. The



records of analysis reports must be properly maintained and made available for inspection to the concerned State/Central officials during their visits.

- (vii) The sand dunes and mangroves, if any, on the site shall not be disturbed in any way.
- (viii) A copy of the clearance letter will be marked to the concerned Panchayat / local NGO, if any, from whom any suggestion / representation has been received while processing the proposal.
- (ix) The Tamil Nadu Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office/Tehsildars Office for 30 days.
- (x) The funds earmarked for environment protection measures shall be maintained, in a separate account and there shall be no diversion of these funds for any other purpose. A year-wise expenditure on Environmental safeguards shall be reported to this ministry
- (xi) Full support shall be extended to the officers (this Ministry's Regional Office at Chennai and the officers of the Central and State Pollution Control Boards by the project proponents during their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.
- (xii) In case of deviation or alteration in the project including the implementing agency, a fresh reference shall be made to this ministry for modification in the clearance conditions or imposition of new ones for ensuring environmental protection.
- (xiii) This Ministry reserves the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of this Ministry.
- (xiv) This Ministry or any other competent authority may stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.
- (xv) The Project proponents shall inform the Regional Office at Chennai 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.

**EC & CRZ Amendment letter No. 10-130/2007- A.III dated 12.05.2010**

**(2. Specific Conditions:)**

- (i) The details of combined effect on both the Ports (i.e. Ennore Port and Kattupalli Port) shall be carried out to monitor the impact of the post-dumping. This model study shall be carried out for a period of one year.
- (ii) A comparison between model study and actual dumping shall be carried out to examine the impacts both on North-East and South-West of the Ports and shall be submitted to the Ministry,
- (iii) No reclamation of the areas outside the Port limit and Buckingham Canal shall



be carried out.

**EC & CRZ Extension of validity letter No. 10-130/2007- A.III dated 17.12.2014**

**6. Conditions**

- (i) The cargo should only include Container (i) 21.60 MTPA, (ii) Ro-Ro - 0.22 MTPA, (iii) Project Cargo 0.44 MTPA, (iv) Break bulk/General Cargo (Barites/Gypsum/Limestone/Granite/Steel cargo)-1.82 MTPA and (v) Edible oil, CFBS Base Oil and Lube oil and non-hazardous liquid cargo - 0.57 MTPA.
  - (ii) All the conditions stipulated by the Tamil Nadu Coastal Zone Management Authority (TNCZMA) vide letter no. 6064/EC.3/2014-1 dated 26.06.2014, shall be strictly complied with.
  - (iii) No additional land should be utilized for the proposed development.
  - (iv) As committed, the local traffic should not be disturbed.
5. These stipulations would be enforced among other 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, the Hazardous Chemical (Manufacture, Storage and Import) Rules, 1989, Solid Waste Management Rules, 2016 and the Coastal Regulation Zone Notification, 2011 and its subsequent amendments made there under from time to time.
  6. 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.
  7. The project proponent should 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 Clearance and copies of clearance letters are available with the Tamil Nadu Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at <http://envfor.nic.in>. The advertisement should be made within 10 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.
  8. Any appeal against this Environmental Clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 day as prescribed under section 11 of the National Environment Appellate Act, 1997.
  9. Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.
  10. This Environmental and CRZ Clearance is valid till 2<sup>nd</sup> July, 2019.



11. This issues with the approval of the Competent Authority.

  
(Kushal Vashist)  
Director

**Copy to:**

- 1) The Secretary, Department of Environment, No.1, Jeenis Road, Panagal Building, Ground Floor, Saidapet, Chennai-600 015.
- 2) Addl. Principal Chief Conservator of Forests (Central), Ministry of Environment, Forests and Climate Change, I<sup>st</sup> and II<sup>nd</sup> Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai-34.
- 3) The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
- 4) The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai - 600 032.
- 5) Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
- 6) Guard File/ Record File/ Notice Board.
- 7) MoEF&CC Website.

  
(Kushal Vashist)  
Director