

F.No.11-65/2012-IA-III
Government of India
Ministry of Environment & Forests
(IA.III Division)

Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi - 110 003.

Dated: 19th July, 2013

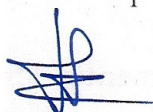
To
Metropolitan Commissioner,
Mumbai Metropolitan Region
Development Authority (MMRDA),
Bandra - Kurla Complex, Bandra (East),
Mumbai - 400 051, Maharashtra

Subject: CRZ Clearance for Mumbai Trans Harbour Sea Link (MTHL) by M/s
Mumbai Metropolitan Region Development Authority (MMRDA) -
Reg.

This has reference to letter No: CRZ-2012/CR-52/TC-3 dated 15.06.2012 from Member Secretary, Maharashtra Coastal Zone Management Authority (MCZMA) and your letters dated 14.02.2013 and 17.06.2013 seeking prior CRZ Clearance for the above project under the Coastal Regulation Zone (CRZ) Notification, 2011. The proposal has been appraised as per prescribed procedure in the light of provisions under Coastal Regulation Zone Notification, 2011 on the basis of the mandatory documents enclosed with the application viz., the Questionnaire, recommendation of State Coastal Zone Management Authority, EMP and the additional clarifications furnished in response to the observations of the Expert Appraisal Committee constituted by the competent authority in its meeting held on 19th - 21st September, 2012.

2. It is interalia, noted that the proposal involves construction of 6 lanes Road Bridge across the Mumbai harbor. The proposed Mumbai Trans Harbour Link ('MTHL') which aims at facilitating decongestion of Mumbai by improving connectivity between the Island city and main land (Navi Mumbai) and development of Navi Mumbai Region was envisaged about 30 years back. The alignment was approved by Prime Minister's Office in 1984. The project involves the construction of a bridge across the Mumbai harbour between Sewri on the island city side (in the Mumbai Port Trust area) and Chirle on the Navi Mumbai side. The link is about 22 km long with a 16.5 km bridge across the sea and a 5.5 km long viaduct on the land. The exit and entry into the six lane freeway would be through interchanges at the end points and at the intermediate points on the Navi Mumbai side.

3. MTHL project received environmental clearance under the CRZ Notification, 1991 from MoEF on 11th March 2005. On receipt of the same, GoM through MSRDC Ltd had initiated the bidding process for construction of Sea Link but it could not be concluded. The validity of environmental clearance granted was for a period of five years for commencement of the construction or operation of the project. The proposed alignment passes through coastal regulation zone (CRZ).



The Eastern Freeway, which is a north-south 4 lane elevated road presently under construction, and the proposed Sewri-Worli East West connector would integrate with MTHL. From the interchange, the alignment will follow the approved alignment passing along Timber Depot Road and enter Sewri Mudflats and then continue towards the east and traverse over Sewri mudflats, pir-pau jetty, Thane Creek Channel, Panvel Creek Channel and the intertidal zone before turning south to enter the main land at Shivaji Nagar in Navi Mumbai. Vertical clearance of min 9.1m all along the length and maximum 25.2m for navigation purposes is proposed. The project will have Toll Plaza on land on Navi Mumbai side, Bridge Control Station and state of the art intelligent transport system. Casting yards are proposed at Sewri and Nhava outside the CRZ area. However, two temporary jetties will be constructed for movement of the materials.

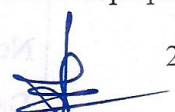
4. Rapid EIA has been carried out as per the CRZ Notification, 2011. Mitigation measures are proposed to ameliorate the impacts due to the proposed construction and operation of the MTHL especially addressing the issues of mudflats/migratory birds. It is proposed to construct a temporary bridge in the mudflats for transportation of men and machinery at the execution site, thus minimizing the effect on the mudflats. The proposed alignment of MTHL passes through the Coastal Regulation Zone (CRZ) as per the Coastal Zone Management Plans (CZMP) of Mumbai and Navi Mumbai. Out of 22 km length of MTHL, 2.25km of length passes through the CRZ (2km in CRZ-I and 0.25km in CRZ-II). Since entire sea link is proposed on viaduct, area occupied by piers will be affected. Compensatory mangrove plantation in an area of 30 ha on the Nava side is proposed for loss of 0.1776 ha of mudflats/mangroves.

5. The project was considered by the MCZMA in its 73rd meeting held on 23rd April 2012 and MCZMA recommended it to the MoEF vide letter No: CRZ-2012/CR-52/TC-3 dated 15.06.2012.

6. The Expert Appraisal Committee, after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations, have recommended for the grant of CRZ Clearance for the project. Accordingly, the Ministry hereby accords necessary CRZ Clearance for the above project as per the provisions of Coastal Regulation Zone Notification, 2011, subject to strict compliance of the terms and conditions as follows:

7. SPECIFIC CONDITIONS:

- (i) As per the CRZ notification, 2011, at least five times the number of mangroves destroyed/cut during the construction process shall be replanted. Mangrove plantation in an area of 30 ha shall be carried out as committed against loss of 0.1776 ha of mudflats/mangroves. Permission from the High Court of Bombay shall be obtained with respect to mangrove cutting.
- (ii) Proponent shall provide lighting in consulting with the Bombay Natural History Society so as to minimise the likely impacts to the migratory birds.
- (iii) All the construction equipment's shall be provided with exhaust




silencers as committed.

- (iv) Noise containment barriers shall be provided on both sides of the bridge in mudflat areas (CRZ-IA) so as to minimise the likely impacts to the migratory birds as committed.
- (v) There shall be no dredging and reclamation for the project.
- (vi) Pre - stressed super structure shall be used in the mud flat area for construction as committed.
- (vii) The muck materials shall be analysed prior to dumping/ disposal in the identified locations with the approval of the competent authority to ensure that it do not cause any impact to the environment.
- (viii) Proponent informed that there is no fishing activity in the area since it is a navigation channel for the nearby ports. However, navigational channel is provided with 25m for ships and 9.1 m for fishing boats.
- (ix) All the recommendations of the MCZMA shall be strictly complied with.
- (x) There shall be no building construction beyond 20,000 sqm.
- (xi) There shall be no water drawal in CRZ area.
- (xii) There shall be no disposal of solid or liquid wastes on coastal area. Solid waste Management shall be as per Municipal Solid (Management and Handling) Rules, 2000.
- (xiii) Sewage shall be treated and the Treatment Facility shall be provided in accordance with the Coastal Regulation Zone Notification, 2011. The disposal of treated water shall conform to the regulations of State Pollution Control Board.
- (xiv) The project proponent shall set up a separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
- (xv) The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.

8. GENERAL CONDITIONS :

- (i) Full support shall be extended to the officers of this Ministry/Regional Office at Bhopal 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.
- (ii) A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bhopal regarding the implementation of the stipulated conditions.

 3

- (iii) Ministry of Environment & Forests 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.
- (iv) The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with to the satisfaction of the Ministry.
- (v) 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 and Forests.
- (vi) The project proponents shall inform to 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.
- (vii) A copy of the clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been made a received while processing the proposal.
- (viii) State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Center and Collector's Office/Tehsildar's office for 30 days.

9. These 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.

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

11. 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 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 and Forests at <http://www.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 Bhopal.

12. 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.



13. 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.

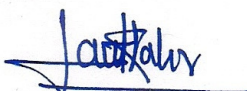
14. Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent on its website.

15. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/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.

16. The proponent shall upload the status of compliance of the stipulated EC 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, the respective Zonal Office of CPCB and the SPCB.

17. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

18. 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 EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.


(Lalit Kapur)
Director (IA-III)

Copy to:

1. The Secretary, Department of Environment, Govt. of Maharashtra, Mantralaya, Mumbai – 400 032.
2. The Chairman, CPCB, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32.
3. The Chairman, Maharashtra Coastal Zone Management Authority, Room No.217 (Annexe), Mantralaya, Mumbai – 400 032.
4. The Chairman, Maharashtra Pollution Control Board, Kalpataru Points, 3rd & 4th floor, Opp. Cine Planet, Sion Circle, Sion (E), Mumbai - 400 022.
5. The Chief Conservator of Forests, Ministry of Environment and Forests, Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link, Road No. 3, Ravishankar Nagar, Bhopal- 462016 (M.P.)
6. Guard File.
7. Monitoring Cell.


(Lalit Kapur)
Director (IA-III)