मुंबई महानगर प्रदेश विकास प्राधिकरण
आवक क्र 5789
दिनांक 30-10-17

F.No. 11-34/2017-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 110003
Dated: October 20, 2017

To,

पाणीपुरवठा

Superintending Engineer, Water Resource
Mumbai Metropolitan Region Development Agency
Bandra Kurla Complex, Bandra (E),
Mumbai- 400 051, Maharashtra

Sub: *CRZ Clearance for "Laying of water supply pipeline crossing Kaman River on NH-8 near Juchundra Village under Surya Integrated Water Supply for Western Sub Region of Mumbai Metropolitan Region - reg.*

Sir,

This has reference to your proposal No. IA/MH/MIS/67320/2017, dated 10.08.2017 received in this Ministry for CRZ Clearance in accordance with the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011 issued under the Environment (Protection) Act, 1986.

2. The proposal has been considered by the Expert Appraisal Committee (EAC)-Infrastructure Development, Coastal Regulation Zone, Building/ Construction and Miscellaneous projects, in its 175th meeting held on September 07, 2017. The details of the project as per the documents submitted and as informed during the aforesaid meeting is as under:

(i) The proposal is part of a 403 MLD water supply project, with water to be sourced from Kawdas weir of Surya Dam for which CRZ clearance has been already obtained vide F.No. 21-95/2014-IA-III, dated 09.02.2015.

(ii) The present proposal is for laying of water pipeline under the tidal Kaman Creek by underwater pipeline of 2.6 m diameter and about 268 m long.

(iii) The Kaman Creek is located at $19^0 20'48''$ N and $72^0 53'30''$ E on west side of the bridge of NH-8 on Kaman Creek.

(iv) It is proposed to lay the pipe 10.5 meters below ground level and 5.0 meter below the river bed. The pipeline will be encased in rich concrete in Creek section.

(v) The Surya water supply scheme will source its water from Surya Dam of the Irrigation Department of Govt. of Maharashtra and is aimed at augmenting the water supply of western sub-region of Mumbai Metropolitan Region.

(vi) Tailrace water released from the Hydel Power project at the base of the dam is available for proposed 403 MLD water supply scheme to be developed to augment the water supply to two Uraban Local Bodies viz. VVCMC and MBMC and MMRDA's proposed rental housing project in the Western sub-region

S.R.M. Cell M.M.R.D.A.
Inward No. 559
30-10-17

(vii) A shaft of 50 sq.m is proposed in CRZ-III area of Kaman village on north side of creek and another of 50 sq. m in CRZ-III area of Juchundra village in VVCMC (Vasai Virar City Municipal Corporation) on south coast of Kaman creek. The length of pipeline in CRZ-III area of VVCMC is 268 metres

(viii) There will be no disturbance to mangroves at both the locations of the shafts.

(ix) As per the approved CZMP and provisions of CRZ Notification, 2011 the project location falls in CRZ-III area.

(x) The total cost of the project will be Rs 45 crores

(xi) CRZ map has been prepared by Centre for Earth Science Studies, Thiruvananthapuram, Kerala.

(xii) Energy consumption for micro tunneling 0.5 MWH.

(xiii) The proposal has been recommended for CRZ Clearance by the MCZMA vide their letter No. CRZ-2016/CR-378/TC-4 dated 31st March 2017.

3. Based on the information submitted as at para no. 2 above and others and presentation made before the EAC (Infrastructure Development, Coastal Regulation Zone, Building / Construction and Miscellaneous projects) in its 175th meeting held on September 07, 2017, and in acceptance of the recommendation of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords CRZ Clearance to the above project viz *"Laying of water supply pipeline Crossing Kaman River on NH-8 near Juchundra Village"* under the provision of the CRZ Notification, 2011 and amendments thereto and circulars issued thereon, and subject to the compliance of the following specific and general conditions as under:

PART A – SPECIFIC CONDITIONS:

(i) All conditions/recommendations stipulated by the Maharashtra Coastal Zone Management Authority (MCZMA) vide their letter dated 31.03.2017, shall strictly be complied with.

(ii) A 2% of the cost of the project shall be apportioned for marine and coastal biodiversity protection and conservation measures, to be spent by the project proponent towards fulfilling its Corporate Environmental Responsibility (CER) during the currency of the project. Proper record and account of measures taken should be maintained and should also be submitted to the CZMA every six months.

(iii) Consent to Establish and Consent to Operate, as applicable, shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.

(iv) All the other mandatory permission from different statutory authorities should be obtained prior to commencement of work.

(v) The project proponent shall ensure that the flow in the Kaman Creek is not disturbed due to the proposed activity and that the site is restored to its near original condition after the laying of the pipeline.

(vi) Construction shall be strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.

(vii) No mangroves should be destroyed for the proposed activity.

(viii) A leak detection system shall be installed for identification of leakages and it shall be ensured that an inbuilt system of timely addressing the mitigative measures, is in place.

(ix) Solid waste shall be collected, treated and disposed in accordance with the Solid Waste Management Rules, 2016.

(x) Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and shall be disposed taking necessary precautions for general safety and health aspects of people, only in the sites with the approved by the competent authority.

PART B - GENERAL CONDITIONS:

(i) A copy of the clearance letter shall be uploaded on the websites of the Company/Proponent and 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.

(ii) Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

(iii) Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during the construction phase of the project to avoid any damage to the environment.

(iv) A six-monthly monitoring report shall need to be submitted by the project proponent to the concerned regional Office of this Ministry regarding the implementation of the stipulated conditions.

(v) The Ministry of Environment, Forest & 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.

(vi) The above stipulations would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air

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(Prevention and control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991, the EIA Notification, 2006 and the CRZ Notification, 2011.

(vii) Full co-operation shall be extended to the officials from the Regional Office of MoEF&CC, during monitoring of implementation of environmental safeguards stipulated. It shall be ensured that documents/data sought pertinent is made available to the monitoring team. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the concerned Regional Office of MoEF&CC.

(viii) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.

(ix) The Ministry reserves the right to add additional safeguard measures subsequently, if considered necessary, and to take action to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner, including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, for non compliance.

(x) 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 proponent from the respective competent authorities.

(xi) 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 CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board (SPCB) 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 concerned Regional Office of this Ministry.

4. 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.

5. 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.

6. 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.

7. The proponent shall upload the status of compliance of the stipulated 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.

8. 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 the Ministry by e-mail.

(**Arvind Nautiyal**)
Director

Copy to:

1. The Secretary, Department of Environment, Govt. of Maharashtra, Mantralaya, Mumbai-32
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 (Annnexe), Mantralaya Mumbai-32
4. The Member Secretary, Maharashtra Pollution Control Board, Sion (E), Mumbai
5. The APCCF, MoEF&CC, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building , Civil Lines, Nagpur.
6. Guard File.
7. Monitoring Cell.

(**Arvind Nautiyal**)
Director