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F.No.11-29/2022-IA.III
Government of India
Ministry of Environment, Forest and Climate Change
IA-III Section (CRZ)

Indira Paryavaran Bhawan
Jor Bagh Road
New Delhi – 110003

Dated: 15th September, 2022

To

M/s Reliance Jio Infocomm Ltd
D-7, Dhawandeep Building
6 Jantar Mantar Road
New Delhi- 110001
Email: kapoor.guliani@ril.com



Subject: Landing of India Asia Xpress (IAX) Cable System and Construction of Beach Manhole at Santhome High Rd, Basha Garden, Mylapore, Chennai, Tamil Nadu by M/s Reliance Jio Infocomm Ltd-CRZ Clearance-regarding.

Sir,

This has reference to your proposal No. IA/TN/CRZ/283131/2022 dated 13th July, 2022 on the above mentioned project proposal 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 Ministry of Environment, Forest and Climate Change has examined the proposal for CRZ Clearance to the project for Landing of India Asia Xpress (IAX) Cable System and Construction of Beach Manhole at Santhome High Rd, Basha Garden, Mylapore, Chennai, Tamil Nadu by M/s Reliance Jio Infocomm Ltd.

3. The proposal was considered by the Expert Appraisal Committee (EAC) for Infrastructure Development, Coastal Regulation Zone, Building/Construction and Miscellaneous projects, in its meeting held on 04/08/2022 through video conferencing. The project proponent and their consultant made detailed presentation and informed as under:

- (i). The India-Asia Xpress (IAX) Cable System consists of twelve cable landings in five countries with the main trunk from Tuas (Singapore) to Mumbai (India) and branches to Chennai, (India), Matara (Sri Lanka), Satun (Thailand), and Morib (Malaysia).
- (ii). Cable in Chennai will land at Santhome High Rd, Basha Garden, Mylapore, Chennai, Tamil Nadu 600 004. Coordinates of the BMH site are 13° 1'24.5208"N and 80°16'42.8124"E. A beach manhole (BMH) measuring 3.6 m Long x 2m Wide x 2.1m Depth will be constructed for housing the cable.
- (iii). Cable from BMH will be connected to the cable landing station located at 13° 1'3.198"N and 80°16'21.25"E in Chennai.
- (iv). Cable landing point at sea edge, BMH and cable route from landing point to BMH and from BMH towards cable landing station till 500 m from HTL will fall under CRZ area as defined under the CRZ Notification, 2011 as amended. As per study conducted by Anna University, cable route falls under CRZ II, CRZ I-A, CRZ IB and CRZ IVA area.

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(v). Details of landing site given below:

S. No.	Cable Components	Details
1	BMH Location	13° 1'24.5208"N 80°16'42.8124"E. Santhome High Rd, Basha Garden, Mylapore, Chennai, Tamil Nadu.
2	BMH Size	3.6m Long x 2m Wide x 2.1m Depth
3	Project Proponent	Reliance JIO Infocomm Limited (RJIL)
4	Target Burial Depth (below seabed)	Segment 1.18 is 499.322 km long and connects BMH Chennai, India to BU4b of water depth 3500 m. The route shall be buried from the shore to KP 86.114 (water depths <1500m). Thereafter, the cable shall be surface laid in SPA along the continental slope into deep water.
5	Submarine Cable Length (segment S8)	499.322 Km
6	Cable Landing Station (CLS)	13° 1'3.198"N and 80°16'21.25 Leela information Technology Park MRC Nagar 1st Lane, MRC Nagar, Raja Annamalai Puram, Chennai, Tamil Nadu (Outside CRZ Area)
7	Project Cost	₹ 28.0 Crores

(vi). The BMH construction would take place at Santhome High Rd, Basha Garden, Mylapore, Chennai, Tamil Nadu. The coordinates of the proposed BMH location is 13° 1'24.5208"N 80°16'42.8124"E. This proposed BMH site of Beach is not used for recreation. Beach operation including construction of BMH and cable route and termination of cable will take 1-2 weeks. After installation, Beach will be restored to its original state.

(vii). The Tamil Nadu Coastal Zone Management Authority has recommended the proposal for CRZ clearance *vide* its Letter No. 8129/EC.3/2022 dated 30/05/2022.

4. The Committee made detailed deliberation on the proposal. The Committee observed that the project is important for network connectivity of India with other parts of the world. The Committee suggested that BMH locations shall avoid the eroding areas, which would ultimately lead to destruction of facilities. The Committee also suggested that considering increasing number of international cable landing in the Chennai coast, Government shall make appropriate corridor for laying of such cables in the coastal area for better management and to avoid conflict with other stakeholders.

5. Based on the recommendation of the Tamil Nadu Coastal Zone Management Authority and considering the submissions made by the project proponent, the Ministry of Environment, Forest and Climate Change, in acceptance of the recommendations of the Expert Appraisal Committee (CRZ), hereby accords CRZ Clearance to the project for **Landing of India Asia Xpress (IAX) Cable System and Construction of Beach Manhole at Santhome High Rd, Basha Garden, Mylapore, Chennai, Tamil Nadu by M/s Reliance Jio Infocomm Ltd**, under the provisions of the CRZ Notification, 2011 and amendments thereto, subject to the compliance of terms and conditions as under:-

PART A – SPECIFIC CONDITIONS:

(i). All construction shall be strictly in accordance with the provisions of the CRZ Notification, 2011, as amended from time to time.

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- (ii). No groundwater shall be extracted within the CRZ area to meet the water requirements during the construction and/or operation phase of the project.
- (iii). Any temporary physical infrastructure setup and excavated material, if any, during underground electrical cabling shall not be dumped in water bodies or adjacent areas and the site shall be restored to its original condition after completion of construction of work.
- (iv). Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.
- (v). All the conditions stipulated by the Tamil Nadu Coastal Zone Management Authority for CRZ clearance *vide* its letter No. 8129/EC.3/2022 dated 30/05/2022, and commitments made by the PP before the CZMA and EAC shall be followed in letter and spirit.
- (vi). All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

PART B - GENERAL CONDITIONS:

- (i). Management of solid waste in accordance with the Solid Waste Management Rules, 2016 shall be strictly implemented.
- (ii). 'Consent to Establish' and /or 'Consent to Operate' shall be obtained from State Pollution Control Board under the provisions of Air (Prevention and Control of Pollution) Act, 1981 and / or the Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.
- (iii). Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of Competent Authority.
- (iv). All liquid waste arising from the proposed development will be disposed of as per the norms prescribed by Central / State Pollution Control Board. There shall not be any disposal of untreated effluent into the sea / coastal water bodies. It shall be ensured that the wastewater generated is treated in the STP as committed by the project proponent. The treated waste water shall be reused for landscaping, flushing and / or HVAC cooling purposes etc. within the development. The project proponent should also make alternate arrangement for situation arising due to malfunctioning of STP. There shall be regular monitoring of standard parameters of the effluent discharge from STP under intimation to the SPCB.
- (v). Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- (vi). A copy of the clearance letter shall be uploaded on the website of the concerned State Coastal Zone Management Authority/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.
- (vii). 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.
- (viii). 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.



- (ix). 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.
- (x). In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
- (xi). 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.
- (xii). 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.
- (xiii). 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 <https://parivesh.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.
- (xiv). 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.
- (xv). 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.
- (xvi). 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 project proponent 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.

6. 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.

7. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the CRZ clearance, if implementation of any of the above conditions is not found satisfactory.

8. 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 the Environment (Protection) Act, 1986.

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9. Any appeal against this CRZ 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.

10. The above conditions shall be enforced, *inter-alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

11. This issues with approval of the Competent Authority.



(Dr. H. Kharkwal)
Scientist 'E' (CRZ)

Copy to:

1. The Deputy DGF (C), Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Ist and IInd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam Chennai – 600034, Tamil Nadu.
2. The Member Secretary, Tamil Nadu Coastal Zone Management Authority, Department of Environment, Government of Tamil Nadu, Ground Floor, Panagal Building, Saidapet, Chennai-600015, Tamil Nadu.
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110032
4. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai – 600032, Tamil Nadu.
5. Guard File / Monitoring File / Website / Record File



(Dr. H. Kharkwal)
Scientist 'E' (CRZ)

