

F. No.11-20/2021- IA III
Government of India
Ministry of Environment, Forest and Climate Change
IA-III Division (CRZ)

Indira Paryavaran Bhawan
Jor Bagh Road,
New Delhi -110003
Dated: 4th August, 2021

To,

The DGM Construction
M/s Indian Oil Corporation Ltd.
SERPL BALASORE
Qtr No-B-2, Indian Oil Housing Complex, Meghadamburu,
Po-Kuruda, Jagatsinghapur
Balasore-756056, Odisha

Subject: CRZ clearance for laying of Paradip-Somnathpur-Haldia Pipeline of Indian Oil Corporation Limited, West Bengal by M/s Indian Oil Corporation Ltd - regarding.

Sir,

This has reference to your online proposal No. IA/OR/CRZ/125595/2019 received in this Ministry 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 proposal was considered by the Expert Appraisal Committee (EAC) for Infrastructure Development, Coastal Regulation Zone, Building / Construction and Miscellaneous projects, in its 267th EAC held on 13/07/2021 respectively. The details of the project as per the documents submitted and presented during the aforesaid meeting are as under

- (i) The proposed project is for laying of Pipeline from Paradip-Somnathpur-Haldia, it will be used for transportation of petroleum products.
- (ii) The proposed length of pipeline is about 344 km, having capacity of 4.6 MTPA.
- (iii) The size of pipeline will be 18" OD, API 5L-X70 Grade.
- (iv) The proposed pipeline is passing through Odisha (248 km) and West Bengal (96 km).
- (v) Total 56.85 ha. area falling in CRZ area out of this 53.98 ha. in Odisha and 2.87 ha. area in West Bengal.
- (vi) In Odisha the pipeline will pass through CRZ-III and CRZ-IV.
- (vii) In West Bengal the pipeline will pass through CRZ-IA, CRZ-IB, CRZ-II and CRZ-IV and 370 m length of pipeline is passing from CRZ-I area. Out of 370, 8 m is passing from CRZ-IA and 362 m is passing from CRZ-IB area.
- (viii) The pumping station will be at Paradip and delivery stations will be at Somnathpur & Haldia.
- (ix) Higher wall thickness pipe is envisaged to be laid across major rivers, water courses, rail and road crossings etc.
- (x) Horizontal Directional Drilling (HDD) method will be adopted at all major river, water courses, rail and road crossings.

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- (xi) Pipeline system has been designed based on 8000 hours of operation in a year.
- (xii) Maximum allowable operating pressure (MAOP) of the system is based on 72% of the specified minimum yield strength of the pipe material i.e. $136.67 \times 0.72 = 98.4$ kg/sq.cm
- (xiii) The pipeline crosses through water bodies which are tidal influenced and are falling under CRZ area.
- (xiv) The CRZ map of 1:4000 scale was prepared by CISR-National Institute of Oceanography, Vishakhapatnam, Andhra Pradesh for the project in the State of Odisha and in the State of West Bengal study for the project has been carried out by Institute of Environmental Studies and Wetland Management (IESWM), Kolkata.
- (xv) The project proponent made a submission that the capacitive pipeline like Paradip-Somnathpur-Haldia pipeline is not covered under PNGRB Act.
- (xvi) The PP also informed that the 18 m RoU (Right of User) is a standard practice followed for all liquid hydrocarbon pipeline projects.
- (xvii) The 3.657 ha. forest land involved in Odisha and the process for Forest Clearance for the State of Odisha is under process at PCCF, Odisha.
- (xviii) Forest Clearance NOC for West Bengal State has obtained from DFO, Purba Medinipur.
- (xix) During the proposed project approx. 20 persons will be permanent during construction phase and 20 persons will be permanent during operational phase.
- (xx) While temporary employ will also be generated, about 50 persons during construction phase and 25 persons during operational phase.
- (xxi) The total cost of the project will be ₹1132 Crores.
- (xxii) The Odisha Coastal Zone Management Authority has recommended the proposal for clearance vide its letter No. 124/OCZMA dated 13/07/2020.
- (xxiii) The West Bengal Coastal Zone Management Authority has also recommended the proposal for clearance vide its letter No. vide No. 615/EN/T-II-4/01/2021 dated 31/03/2021.

2. Based on the recommendation of the West Bengal Coastal Zone Management Authority (WBCZMA) issued vide its letter No. 615/EN/T-II-4/01/2021, dated 31st March, 2021 and information submitted as at para no. 2 above and information provided during the presentation before the Expert Appraisal Committee and others, the Ministry of Environment, Forest and Climate Change, in acceptance of the recommendation of the Expert Appraisal Committee (CRZ), hereby accords CRZ Clearance to the above project viz '*laying of Paradip-Somnathpur-Haldia Pipeline of Indian Oil Corporation Limited, West Bengal*', for CRZ clearance, under the provision of CRZ Notification, 2011 and amendments thereto and circulars issued thereon, and subject to compliance of the following specific and general conditions as under:

PART A – SPECIFIC CONDITIONS:

- (i) All construction shall be strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.
- (ii) The project proponent shall ensure natural flow of the Creek water in the project site and also ensure that there are no petroleum product leakages from the pipeline.



- (iii) No groundwater shall be extracted within CRZ area to meet the water requirements during the construction and / or operation phase of the project.
- (iv) All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.
- (v) EMP should make adequate provision towards safety and hazard prevention and mitigation measures. Details of the same to be submitted to the Regional Office of the Ministry for further monitoring and compliances.

PART B - GENERAL CONDITIONS:

- (i) No excavated material during the construction shall be dumped in water bodies or adjacent areas. The site shall be restored to its near original condition after completion of construction.
- (ii) Management of solid waste in accordance with the Solid Waste Management Rules, 2016 shall be strictly implemented.
- (iii) '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.
- (iv) No permanent labour camp, machinery and material storage shall be allowed in CRZ area.
- (v) 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.
- (vi) 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.
- (vii) 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.
- (viii) 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

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Clearance letter shall also be displayed at the Regional Office, District Industries Centre and Collector's Office/ Tehsildar's office for 30 days.

- (ix) 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.
- (x) 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.
- (xi) 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.
- (xii) The above stipulations would be enforced among others under the provisions of the 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 EIA Notification, 2006 and the extant CRZ regulations.
- (xiii) 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.
- (xiv) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
- (xv) 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.
- (xvi) 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.
- (xvii) 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.

(Dr. H. Kharkwal)
Additional Director /
Scientist 'E' (CRZ)

Copy to:

1. The Secretary, Department of Environment Forests, Science and Technology, Government of West Bengal State Council of Science & Technology Bikash Bhawan, North Block (4th Floor) Salt Lake, Sector III Kolkata – 700091 (W.B.)
2. The Chairman, West Bengal State Council of Science & Technology Bikash Bhawan, North Block (4th Floor) Salt Lake, Sector III Kolkata – 700091 (W. B.)
3. The Chairman, CPCB, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 110032
4. The Member Secretary, West Bengal Pollution Control Board, Paribesh Bhavan, 10A, Block-L.A., Sector III, Salt Lake City, Calcutta – 700098 (W. B.)
5. The Member Secretary, West Bengal Coastal Zone Management Authority, Department of Environment, Government of West Bengal, 5th Floor, Prani Sampad Bhawan, Block LB-II, Salt Lake, Sector 3, Vidhan Nagar, Kolkata 700106, West Bengal.
6. The Principal Secretary, Department of Forest & Environment, Plot No.108, Unit VII, Surya Nagar, Bhubaneswar - 751003, Odisha.

7. The Chairman, Odisha Coastal Zone Management Authority, Forests & Environment Deptt, Odisha Secretariat, Sachivalaya Marg, Bhubaneswar-751001, Odisha.
8. The Member Secretary, Odisha Pollution Control Board, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit - VIII, Bhubaneswar-751012, Odisha.
9. The Member Secretary, Odisha Coastal Zone Management Authority (OCZMA), Forests & Environment Department, Odisha Secretariat, Sachivalaya Marg, Bhubaneswar - 751001, Odisha.
10. The Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (EZ), A/3, Chandrasekharpur, Bhubaneswar-751023, Odisha.
11. Guard File / Record File / Notice Board.
12. Monitoring Cell.



(Dr. H. Kharkwal)
Additional Director /
Scientist 'E' (CRZ)