

Compliance points as per the MoEF&CC's CRZ Clearance for 20" Gas Export Pipeline vide: F.No.11-24/2020-IA-111 dated 15.10.2020

Specific Conditions:

S. No.	Description	Present Status
1.	The clearance is subject to obtaining prior clearance from the Standing Committee of National Board of Wildlife, as may be applicable.	Not Applicable.
2.	A minimum of ten times the number of trees felled (non-mangrove trees) shall be replanted.	Compensatory Afforestation value of ₹ 15,94,200 paid for Forest Clearance.
3.	No groundwater shall be extracted to meet with the water requirements during the construction and/or operation phase of the project.	Pipeline laying and related works completed on 14 th July 2024. No ground water used during Construction of pipeline.
4.	Any physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project	Complied. All temporary equipment cleared from site after completion of pipeline laying.
5.	As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May, 2018, and proposed by the project proponent, an amount of Rs.7.81 crores i.e., @ 0.5% of project Cost shall be earmarked under Corporate Environment Responsibility (CER) with special focus on providing healthcare facilities to the government hospitals in light of COVID 19 pandemic. Other activities include support to local government, schools, sanitation and health including construction of public toilets in the surrounding villages, as per need-based assessment carried out. The activities proposed under CER shall be restricted to the affected area around the project. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.	CER funds of 8 Crores provided for Wildlife Conservation plan. CSR being carried out based on requests received from locals and representatives.
6.	The conditions stipulated by the Andhra Pradesh Coastal Zone Management Authority issued vide its letter No. CRZ 2019/CR181/TC-4, dated 4th November, 2019 and Puducherry Coastal Zone Management Authority issued vide its letter No. 3678/DSTE/PCZMA/CLR /SCI/2019/572, dated 08th January, 2020, shall be strictly implemented as may be admissible.	Noted and complied. Compliance brought out below.

General Conditions:

S. No.	Description	Present Status
1.	No excavated material during the construction shall be dumped in water bodies or adjacent areas.	Pipeline laying and related works completed on 14 th July 2024. No excavated material was dumped in water bodies during construction phase.
2.	Management of solid waste in accordance with the Solid Waste Management Rules, 2016 shall be strictly implemented.	Complied. Pipeline laying and related works completed on 14 th July 2024.
3.	Disposal of muck during construction phase should not create any adverse effect on the neighboring 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.	Complied. Pipeline laying and related works completed on 14 th July 2024.
4.	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. There shall be regular monitoring of standard parameters of the effluent discharge from STP under intimation to SPCB.	Complied. Pipeline laying and related works completed on 14 th July 2024.
5.	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.	Complied. Pipeline laying and related works completed on 14 th July 2024.
6.	'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	CFE obtained from APPCB vide Order No. 330/APPCB/CFE/RO-KKD/HO/2019 dated 22.10.2019
7.	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.	Clearance letter sent to APPCB regional office vide letter No. ONGC/EOA/KG-DWN-98/2/CRZ/20-21 dated 21.10.2020. Complied.

8.	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.	Noted
9.	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.	Noted.
10.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.	Noted.
11.	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	Noted.
12.	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	Complied and copy provided in previous compliance.
13.	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	Complied. Copies sent vide letter No. ONGC/EOA/KG-DWN-98/2/CRZ/20-21 dated 20.10.2020.
14.	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 SPCB	Noted for compliance.
15.	The environmental statement for each financial year ending 31' March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as	Not applicable since this is a pipeline project.

	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.	
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The conditions of PCZMA's CRZ clearance vide No.3678/DSTE/PCZMA/CLR/SCI/2019/572 dtd 08.01.2020 which were not covered under the MoEF&CC's CRZ clearance

General Conditions:

S. No.	Description	Present Status
1.	Laying of the pipeline should be undertaken as per the plans approved by the concerned local authorities/local administration, meticulously conforming to the existing local and Central rules and regulations including the provisions of Coastal Regulation Zone Notification, 2011.	Noted and complied.
2.	All the recommendations mentioned in the Environmental Impact Assessment (EIA) Report, Disaster Management (DM) Report, Risk Assessment (RA) Report and Environment Management Plan (EMP) shall be complied with in letter and spirit.	Noted for compliance.
3.	The project proponent shall take adequate measures to prevent any leakage and corrosion in the pipelines used for the said project.	Adequate measures taken to prevent leakage and corrosion in the pipelines. ICCP System installed for protection against corrosion.
4.	Leak Detection System provided shall identify any leaks with high accuracy of its location and the systems shall automatically shut down the pipeline.	Leak detection system and automatic shutdown system installed in the pipeline.
5.	Soil and water samples shall be regularly monitored along the pipeline route to check for any leakage/contamination.	Monitoring carried out by NABET accredited agency VIMTA labs.
6.	Supervisory Control and Data Acquisition (SCADA) system shall be provided to continuously monitor the flow of the products with Automatic Shutdown of pumping in the event of any leak	Leak detection system and automatic shutdown system

S. No.	Description	Present Status
	in the pipeline and same shall be connected to the server of the Puducherry Pollution Control Committee (PPCC).	installed in the pipeline which is continuously monitored at Control Room. In the event of any leak in pipeline, the same shall be intimated to the Concerned PPCC authorities.
7.	Extra encasement for the stretch passing near the habitation and other sensitive places shall be provided so that no spillage under any accidental scenario including tsunami, earthquake, terrorist activity etc., is taken care of.	Pipeline designed and laid as per OISD standards
8.	Passing of pipeline shall not cause any hindrance to the livelihoods of local inhabitants and settlements.	The pipeline buried 2.0m below the Natural ground level as per standards.
9.	The project proponent shall undertake Horizontal Directional Drilling (HDD) without affecting the mangrove area of Yanam Region.	Pipeline laid through HDD without affecting mangrove area of Yanam region.
10.	Wherever, mangrove area is likely to be affected due to laying of pipeline, minimum 3 times of the area affected shall be taken up for compensatory afforestation in coordination with the Department of Forest and Wildlife.	Noted

The conditions of APCZMA's CRZ clearance vide Letter No. 179/CRZ/IND/2019 dtd 21.05.2020 which were not covered under the MoEF&CC's CRZ clearance.

General Conditions:

S.No	Description	Present Status
1.	The applicant shall ensure that a Continuous monitoring system of all likely affected parameters including fish/ flora /fauna/ water quality etc is installed and reports shared with the National Institute of Oceanography (NIO) on continuous basis and a monthly report submitted to the	NIO conducted the survey in June 2022.

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	APPCB by the NIO, all through construction period and at least for one year after commencement of operations.	Pipeline laying and related works completed on 14 th July 2024. Pipeline operation commenced in August 2024.
2.	A team of APPCB scientists and environmental engineers shall be kept continuously informed and apprised of the project by the applicant, so that environmental mitigation measures are adopted on a continuous basis.	Noted.
3.	The monitoring of hydrocarbons & other relevant parameters shall be entrusted to an independent agency like Andhra University and other accredited institutions in addition to in-house monitoring and report to be submitted to APPCB by a third-party agency.	Monitoring carried out by accredited institutions such as NIO and VIMTA.
4.	Marker buoy and light indicators shall be established close to the route of the pipeline to avoid fishing net damage.	Not Applicable since pipeline is buried 7.5 m below riverbed.
5.	The nearby coastal waters are known to support rich and diverse biotic communities where some of the best fishing grounds for the east coast exist. The industry shall undertake post-project monitoring of estuarine and coastal waters and the industry is advised to follow internationally acceptable protocols while dealing with marine biological aspects.	Monitoring carried out by accredited institutions such as NIO and VIMTA.
6.	The Project Proponent shall implement the Fishermen Compensation Plan in consultation with the District Collector.	Complied as per the instructions of District Collector. A total of 983.08 Crores is paid as Fishermen Compensation for period of Pipelay activities in the river.

7.	The Project Proponent shall implement the Biodiversity Management Plan in consultation with the District Collector.	Wildlife Conservation Plan prepared in consultation with AP Wildlife Department and funds provided to authorities.
8.	The industry shall follow international codes and standards for laying the submarine pipelines.	Complied. All codes and standards followed.
9.	All safety measures shall be incorporated to avoid any possible accidents due to structural failures and adequate safety measures shall be provided to prevent blow outs of Natural Gas / Hydrocarbons.	Complied.
10.	Protection shall be ensured to the existing mangrove areas around in and other water bodies within the proposed project area. Raising of mangroves in suitable new areas and maintenance of existing once to be prioritized to maintain the present status of ecology (biodiversity).	Noted for compliance.
11.	There shall not be any obstruction to fishing activity beyond 500m exclusive drilling zone.	Not applicable.
12.	Fish tissue analysis of local fish species shall be conducted to evaluate the bioaccumulation of hydrocarbons and heavy metals.	Monitoring carried out by NABET accredited agency VIMTA labs.
13.	No construction may be taken up in the No Development Zone. However, if any permitted activity is to be taken up, the proponent may apply to the competent authority separately.	Not applicable.
14.	The project Proponent shall conduct the bio-assay test for the treated effluent discharges from the marine outfalls as per the MoEFCC Guidelines. Bio-assay analysis shall be conducted every six months to establish the toxicity levels and report to be submitted to APPCB.	Not Applicable

15.	The guidelines issued by the CPCB for extraction of oil and gas shall be followed. The drill cuttings and drilling fluids for offshore installations should confine to the guidelines issued by CPCB.	Not Applicable
16.	The industry shall extend necessary assistance to the Forest and Wildlife Department towards conservation and preservation of Coringa Wildlife Sanctuary, which is an Ecologically Sensitive Area.	Noted.
17.	The Project Proponent shall obtain the Clearance for Ecologically Sensitive Areas (ESAs) from the concerned authorities.	Not applicable. No notified ecologically sensitive areas in vicinity of the project.
18.	The Project Proponent shall ensure that there is no destruction of mangroves during the construction as well as the operation phase of the project.	Noted.
19.	There shall be no dressing or alteration of the sand dunes and natural features, including landscape changes for beautification, recreation and other such purpose.	Noted.
20.	No permanent labour camp, machinery and material storage shall be allowed in CRZ area.	Noted.
21.	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to the Andhra Pradesh Coastal Zone Management Authority (APCZMA) and AP Pollution Control Board Regional Office.	Complied

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