



इंडियन ऑयल कॉर्पोरेशन लिमिटेड
पाइपलाइन्स प्रभाग : ए-1, उद्योग मार्ग,
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पाइपलाइन्स प्रभाग
Pipelines Division

No. PL/PJ/MON/TBPL-ETBPNMTPL/8.2

21.01.2021

To,

The Additional Principal Chief Conservator of Forests,
Ministry of Environment, Forest and Climate Change,
Regional Office (SEZ), 1st & 2nd Floor, Handloom Export Promotion Council,
34, Cathedral Garden Road, Nungambakkam,
Chennai - 34

Sub: Six Monthly Compliance Report of Environment and Forest for Laying of pipeline from Thiruvallur (Tamil Nadu) to Bengaluru (Karnataka) section of Ennore Tiruvallur Bangalore Puducherry Nagapattinam Madurai Tuticorin RLNG pipeline.

Ref: Environment Clearance accorded vide MoEF&CC letter No. J-11011/140/2018-IA II (I), dated 13.11.2019

Dear Sir,

Six Monthly Compliance Report for the period June 2020 to November 2020 on Environment and Forest pertaining to Laying of pipeline from Thiruvallur (Tamil Nadu) to Bengaluru (Karnataka) section of Ennore Tiruvallur Bangalore Puducherry Nagapattinam Madurai Tuticorin RLNG pipeline is enclosed as Annexure-I for your kind perusal.

Thanking you,

Yours faithfully,

(Kapil Mathur)

Chief General Manager (PJ- Monitoring)

Ph: 0120-2448601

Enclosure: As above

Copy To:

1. The Principal Secretary,
Department of Environment & Forest, Science & Technology,
Government of Andhra Pradesh,
Hyderabad (Andhra Pradesh)
2. The Member Secretary,
Central Pollution Control Board,
Parivesh Bhavan,
CBD-cum-Office Complex,
East Arjun Nagar,
Delhi-110032.
3. The Member Secretary,
Andhra Pradesh Pollution Control Board,
Paryavaran Bhavan,
A-III, Industrial Estate, Sanath Nagar, Guindy Industrial Estate,
Hyderabad (Andhra Pradesh)
500018
4. Monitoring Cell,
Ministry of Environment, Forest and Climate Change,
Indira Paryavaran Bhavan,
Jor bagh Road,
New Delhi-110003
5. General Manager (Construction), SRPL, Chennai

**Six Monthly Compliance Report on Environment & Forest
Laying of pipeline from Thiruvallur (Tamil Nadu) to Bengaluru (Karnataka) section of
Ennore Tiruvallur Bangalore Puducherry Nagapattinam Madurai Tuticorin RLNG
pipeline (As on 30.11.2020)**

(Ref :MoE&F's approval letter no. J-11011/140/2018-IA II (I), dated 13.11.2019)

| SL. No. | CONDITION STIPULATED | REMARKS |
|--------------------------------|---|---|
| A. SPECIFIC CONDITIONS: | | |
| I. STATUTORY COMPLIANCE | | |
| i) | The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project. | Forest clearance received on 28.9.2018. |
| ii) | The project proponent shall obtain clearance form the National Board for Wildlife, if applicable. | Wildlife clearance received on 02.01.2020 |
| iii) | The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management plan Shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished align with the six –monthly compliance report. (in case of the presence of schedule-I species in the study area) | Wildlife conservation plan was approved by Chief Wildlife Warden vide ref. Rc. No. 7441/2018/WL-2 dated 21.08.2019 for an amount of Rs. 80 lakh. An amount of Rs. 1.15 Cr (Rs. 0.8 cr to BIOSP and Rs.0.35 cr for GPS Collaring of elephants) was deposited in Oct'2019. |
| iv) | The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/Committee. | Tamil Nadu: Received on 25.09.2019 Andhra Pradesh: Obtained for Chittoor district on 07.01.2020 Karnataka: Otained for Kolar and Hoskote on 25.10.2019 and 22.06.2020 respectively. CTE for Anekal is awaited. Consent to Operate will be taken before commissioning. |
| v) | Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to. | Not applicable during construction stage |

| Sl. No. | CONDITION STIPULATED | REMARKS |
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| vi) | The project proponent shall obtain and adhere to statutory clearance under the Coastal Regulation Zone Notification, 2011, as applicable. | Not applicable |
| vii) | The Oil Industry Safety Directorate (OISD) guidelines for pipeline projects shall be followed in letter and spirit. | Being complied. |
| viii) | Necessary approval from Chief Controller of Explosive must be obtained before commission of project. | Noted for compliance |
| II. AIR QUALITY MONITORING AND PRESERVATION | | |
| i) | The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated. | Air quality will be regularly monitored as per State Pollution Control Board (SPCB) guidelines. |
| ii) | The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard. | Noted for compliance. |
| iii) | The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with. | Noted for compliance. |
| III. WATER QUALITY MONITORING AND PRESERVATION | | |
| i) | As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD). | Being followed. |
| ii) | The efficient discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent. | Being complied. |
| iii) | Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard. | Being complied. |

| SL. No. | CONDITION STIPULATED | REMARKS |
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| iv) | The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant. | Will be ensured. |
| v) | The constructions of pipelines through the water bodies shall be avoided during the rainy season/breeding seasons of aquatic animals. | All water body crossings are being carried out through trenchless technology, hence there is no disturbance of breeding seasons, soil erosion, river bed, embankments and/ dykes. |
| vi) | The riverbed, embankments and dykes shall be restored adequately after installation of crossings. | Being complied. |
| IV. NOISE MONITORING AND PREVENTION | | |
| vii) | Acoustic enclosure shall be provided to DG set for controlling the noise pollution. | Being complied |
| viii) | The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc, on all sources of noise generation. | Shall be complied with |
| ix) | The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time). | Shall be complied with |
| V. WASTE MANAGEMENT | | |
| ix) | Oil spillage prevention and mitigation scheme shall be prepared. In case of oil spillage/contamination, action plan shall be prepared to clean the site by adopting proven technology. The recyclable waste (oily sludge) and spent oil shall be disposed of to the authorized recyclers. | Not applicable as it is a Natural Gas Pipeline |
| VI. SAFETY, PUBLIC HEARING AND HUMAN HEALTH ISSUES | | |
| x) | SCADA system shall be installed with dedicated optical fiber based telecommunication link for safe operation of pipeline and leak detection system. | Being complied |
| xi) | Intelligent pigging facilities shall be provided for the entire pipeline system for internal corrosion. | Being complied |

| SL. No. | CONDITION STIPULATED | REMARKS |
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| xii) | All the recommendations mentioned in the risk assessment report shall be implemented and Emergency response plan shall be based on guideline prepared by OISD | Risk analysis has already been carried out. Mitigation measures have been taken care during design & construction stage. |
| xiii) | Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Onsite and Offsite Disaster Management plan shall be implemented. | Shall be prepared during pre-commissioning phase |
| VII. CORPORATE ENVIRONMENT RESPONSIBILITY | | |
| xiv) | The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA. III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. | Being complied |
| xv) | The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest. / wildlife norm/ conditions. The company shall have defined system of reporting infringements/ deviation/violation of the environmental/forest/wildlife norms/conditions and/ or shareholders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report. | Shall be complied with |
| xvi) | A separate Environmental Cell equipped with full-fledged laboratory facilities shall be set up to carry out the environmental Management and Monitoring functions, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization. | Shall be complied with |
| xvii) | Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report. | Shall be complied with |
| xviii) | Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out. | Shall be complied with |

| SL. No. | CONDITION STIPULATED | REMARKS |
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| VIII. MISCELLANEOUS | | |
| xix) | The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently. | Complied Advertisement to this effect was published in following news paper on 20.11.2019. • Deccan Chronicle, Nellore edition • Eenadu, Vijayawada edition |
| xx) | The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies. Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt. | Complied |
| xxi) | The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis. | Being complied. Monitoring data shall be sent upon operationalization of the project. |
| xxii) | The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal. | Being complied. |
| xxiii) | The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules. 1986. As amended subsequently and put on the website of the company. | Being complied. The environmental statement shall be sent upon operationalization of the project. |
| xxiv) | The project proponent shall inform the Regional Office as well as the Ministry, the date of commencing the land development work and completion of the project. | Construction work has commenced and is being targeted for completion by Aug'2021 |
| xxv) | The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government. | Being complied. |
| xxvi) | The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal committee. | Being complied. |

| SL. NO. | CONDITION STIPULATED | REMARKS |
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| B. Generic Conditions: | | |
| i) | The project authorities must strictly adhere to the stipulations made by the State Pollution Control Boards, State Governments and any other statutory authority. | Shall be complied with. |
| ii) | No further expansion or modifications in the pipeline shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any. | Noted for compliance. Presently no further expansion or modification is envisaged. |
| iii) | Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. | Shall be complied with. |
| iv) | The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management and risk mitigation measures relating to the project shall be implemented. | Risk analysis has already been carried out. Mitigation measures have been taken care during design stage. Disaster Management Plan (DMP) shall be prepared during the commissioning phase of the pipeline. |
| v) | The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures shall be undertaken for overall improvement of the environment. | CSR activities are carried out regularly as per corporation policy and Government guidelines. |
| vi) | A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. | Environmental Management and Monitoring functions shall be completed upon operationalization of the Pipeline. |

| SL. No. | CONDITION STIPULATED | REMARKS |
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| vii) | The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose. | Being complied. |
| viii) | A copy of the clearance letter shall be sent by the project 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 | Strictly adhered to. |
| ix) | The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company. | Being complied. Monitoring data shall be sent upon operationalization of the project. |
| x) | The environmental statement for each financial year ending 31 st March in Form-V as is mandated shall be submitted 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 environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail. | Being complied. |

| SL. No. | CONDITION STIPULATED | REMARKS |
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| xi) | <p>The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://environmentclearance.nic.in/ This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.</p> | <p>Complied</p> <p>Advertisement to this effect was published in following news paper on 20.11.2019.</p> <ul style="list-style-type: none"> • Deccan Chronicle, Nellore edition • Eenadu, Vijayawada edition |