

**COMPLIANCE TO THE CONDITIONS LAID BY MoEF VIDE CRZ
CLEARANCE No.11/32/2009-IA.III dated 10.08.2009**

Period : July 2016 to December 2016

| Sl.No. | CONDITIONS STIPULATED BY MoEF | COMPLIENCE |
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| Specific Conditions : | | |
| 1. | All the Conditions stipulated by Tamilnadu Coastal Zone Management Authority vide letter dated 03.04.2009 shall be strictly complied with. | Complied. Compliance Status enclosed as Annexure - 7 |
| 2. | Sufficient dilution shall be carried out to meet the ambient parameters within 50m distance. | Complied. |
| 3. | Independent monitoring shall be undertaken through a authorized agency. | Complied. Comprehensive Marine Environmental Monitoring is being carried out through M/s. Suganthi Devadasan Marine Research Institute, Thoothukudi, one of the identified institutions for coastal baseline studies and monitoring by the Tamil Nadu State Coastal Zone Management Authority. |
| 4. | Filters in the way of extruders shall be provided at the intake point to prevent fishes entering in to the system. Fish culture shall be developed at the outfall point. | Complied. Fish Cage culture installed and monitoring is in progress. Report on Fish Cage culture monitoring is covered in Annexure -8. |
| 5. | Regular monitoring especially for temperature and salinity shall be carried out at disposal site and six monthly reports shall be submitted to the ministry. | Complied. Monitoring data for the period July 2016 to December 2016 is enclosed as Annexure - 8. |
| 6. | All the recommendations of EIA and DMP shall be strictly complied with | Complied. |
| 7. | There shall be no reclamation in Coastal Regulation Zone area. | Complied. |
| 8. | The pipeline shall be buried at least 2m depth in the onshore area and 4 mts in the offshore area. Necessary permission with regard to the pipeline burial and laying shall be obtained from concerned authorities to ensure that the pipeline route does not fall in the navigation channel. | Complied. |
| 9. | The Project shall be implemented in such a manner that there is no damage whatsoever to the mangroves/other sensitive coastal ecosystems. If any damage to mangroves is anticipated / envisaged as a result of project activities then the clearance shall stand cancelled and the proponents shall seek fresh approval from the Ministry. | Not applicable. No mangroves are found in the project site. |
| 10. | Consent shall be obtained from the Tamilnadu Pollution Control Board for the disposal of effluent into sea. The effluent shall meet the standards prescribed by Tamil Nadu Pollution Control Board before disposal. | Complied. |
| 11. | A continuous and comprehensive post - project marine quality monitoring programme shall be taken up. This shall include monitoring of water quality, sediment quality and biological characteristics and report submitted every 6 months to Ministry's Regional Office at Bangalore. | Complied. Monitoring data for the period July 2016 to December 2016 is enclosed as Annexure - 8. |
| 12. | It shall be ensured that there is no displacement of | Complied. |

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| | people, houses or fishing activity as a result of the project. | No displacement of people, houses or fishing activity is involved. |
| 13. | There shall be display boards at critical locations along the pipeline viz. road/rail/river crossings giving emergency instructions. This will ensure prompt information regarding location of accident during any emergency. Emergency information board shall contain emergency instructions in addition to contact details. Proper lighting shall be provided all along the road. | Complied. |
| 14. | There shall be no withdrawal of ground water in CRZ, area, for this project. | Complied. |
| 15. | Necessary provisions shall also be made to develop a nursery for mangroves and the area should be demarcated specifically for the development of mangroves within the complex. | <ul style="list-style-type: none"> • There are no mangroves in the project site. • The project site is not suitable for the development of mangroves as mangroves requires special environmental factors including fresh water sources along with marine (i.e) Estuarine conditions. • Hence, this condition is not applicable to us. |
| 16. | Arrangement for treatment of liquid effluents shall be made so as to ensure that the untreated effluents are not allowed to be discharged into the sea/marine water. | Complied. Effluent Treatment Plant is provided in the Main plant and is in operation. |
| 17. | Appropriate safety devices such as masks shall be provided for use by the workers at the site and their usage by them shall be ensured. | Complied and the same is being ensured continuously. |
| 18. | Necessary provisions shall be made for emergency evacuation during natural and man-made disasters like floods, cyclone, tsunami and earthquake etc. | Not applicable. This project is only a sea water collection and discharge pipeline work. However, leakages in the pipeline are being taken care. |
| 19. | Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health case, crèche etc. The house may be in the form of temporary structures to be removed after the completion of the project. | Complied. |
| 20. | A First Aid Room will be provided in the project both during construction and operation of the project. | Complied. First Aid Center with ambulance facilities available at site on 24 Hrs basis. |
| 21. | All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site. | Complied. |
| 22. | Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants. | Complied. |
| 23. | Any Hazardous Waste Generated During Construction Phase, Should Be Disposed Off As Per Applicable Rules And Norms With Necessary Approvals Of The Andhra Pradesh Pollution Control Board. | No Hazardous waste being generated. |
| 24. | The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (protection) Rules prescribed for air and noise emission standards. | Complied. |

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| 25. | The Diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken. | No Bulk storage of diesel at site. Captive DG Sets are being used as a backup power and hence minimum quantity of diesel is being kept at site. |
| 26. | Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours. | Complied. |
| 27. | Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/ TNPCCB. | Complied. |
| 28. | Storm water control and its-re-use as per CGWB and BIS standards for various applications. | Not applicable. This project is only an underground pipeline work. |
| 29. | Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings. | Complied. |
| General Conditions: | | |
| 1. | The construction of the structures 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 dated 19.02.1991 and the approved Coastal Zone Management Plan of Tamil Nadu. | Complied. |
| 2. | In the event of any change in the project profile a fresh reference shall be made to the Ministry of Environment and Forests. | Noted. |
| 3. | This Ministry reserves the right to revoke this clearance, if any, of the conditions stipulated are not complied with to the satisfaction of this Ministry. | Noted. |
| 4. | This Ministry or any other competent authority may stipulate any additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with. | Agreed. |
| 5. | Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations. | Complied. |
| 6. | The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise. | Not applicable. |
| 7. | The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority. | Not applicable. |
| 8. | The sand dune, if any, on the site should not be disturbed in any way. | No sand dune exists. |
| 9. | The mangroves, if any, on the site should not be disturbed in any way. | No mangroves exists. |
| 10. | The environment safeguards contained in the EIA | Complied. |

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| | Report should be implemented in letter and spirit. | |
| 11. | A separate Environment Management Cell with suitably qualified staff to carry out various environment related Executive who will report directly to the Chief Executive of the Company. | Complied. Environment Cell with qualified staffs are in place for the Environmental monitoring, Marine monitoring, Green belt development activities, etc. |
| 12. | The funds earmarked for environment protection measures shall be maintained in a separate account and there shall be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards shall be reported to this Ministry's Regional Office to Bangalore. | Common funds for environmental protection measures is being allotted along with the main power plant |
| 13. | In case of deviation or alteration in the project including the implementing agency, a fresh reference shall be made to this Ministry for modification in the clearance conditions or imposition of new one for ensuring environmental protection. The project proponents shall be responsible for implementing the suggested safeguard measures. | Noted |
| 14. | This Ministry reserves the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of this Ministry. | Noted |
| 15. | Full support should be extended to the officers of this Ministry's Regional Office at Bangalore and the offices of the Central and State Pollution Control Board by the project proponents during their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities. | Noted |
| 16. | These Stipulations Would Be Enforced Among Others Under The Provisions Of Water (Prevention And Control Of Pollution) Act, 1974 The Air (Prevention And Control Of Pollution) Act 1981, The Environment Municipal Solid Wastes (Management and Handling) Rules, 2000 including the amendments and rules made thereafter. | Agreed. |
| 17. | 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 proponents from the respective competent authorities. | Complied. |
| 18. | The project proponent should advertise in at least two local Newspapers widely circulated in the regions, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letter are available with the Tamil Nadu State Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at Http://www.envfor.nic.in . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bangalore. | Complied. |
| 19. | Any appeal against this Environmental Clearance shall lie with the national Environment Appellate Authority, if preferred, within a period of 30 days as prescribed | Noted |

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| | under section 11 of the National Environment Appellate Act, 1997. | |
| 20. | 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. The clearance letter shall also be put on the website of the company by the proponent. | Complied. |
| 21. | The proponent shall upload the status of compliance of the stipulated EC 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, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, So ₂ , Nox (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain. | The Compliance status of stipulated conditions is uploaded in the company website. Print Screen of company website is attached as Annexure - 2. |
| 22. | The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPEB and the SPCB. | Complied |
| 23. | The environmental statement for each financial year ending 31 st 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 EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail. | Agreed to comply |