

LIST OF CONDITIONS FOR THE PROPOSED BOILERS AND TURBO GENERATOR REPLACEMENT AT MEDINE -BAMBOUS BY MEDINE SUGAR MILLING CO. LTD [ENV/DOE/EIA/1643]

1. All necessary permits/clearances from the relevant authorities shall be obtained and all conditions attached therewith shall be scrupulously observed. A copy of all the permits/clearances obtained shall be submitted to the Director of Environment, Ministry of Environment, Sustainable Development, Disaster & Beach Management.
2. The power plant shall use bagasse for the production of electricity.
3. The development shall be undertaken as per the mitigating measures stated in the EIA report and the additional information submitted, unless as otherwise advised herein.
4. A setback of 30m shall be respected from River Dragon in accordance with Clause 26 of the Rivers and Canals Act.
5. No trees shall be felled along the reserve of the River Dragon. The indigenous plants within the reserves shall be preserved and maintained. No trenching or any pipeline works shall be allowed in the river reserves. Any re-afforestation and restoration programme along the River Dragon reserves shall be subject to the approval of the Forestry Service.
6. The Department of Environment shall be informed in writing of the date of commencement of works for monitoring purposes. A detailed programme of work shall be submitted to the Department of Environment, Ministry of Environment, Sustainable Development, Disaster & Beach Management prior to the start of works.
7. In accordance with section 18(2)(l) of the Environment Protection Act 2002, the proponent shall submit to the Director of Environment, an Environmental Monitoring Plan for approval prior to start of works.
8. The Department of Environment shall be informed in writing of the date of completion of all works on site, with copy of the as-built layout plan, prior to the start of operation for monitoring purposes and to ensure compliance with the conditions of the EIA licence as well as the proposals in the EIA report and additional information submitted.

9. During transfer of oversized equipment to Medine Sugar Estate, clearance from the Traffic Management & Road Safety Unit and Police shall be obtained.
10. The metal wastes generated at the decommissioning stage shall be sent to recyclers and the used lube oil shall be sent to oil recyclers.
11. All effluents from the boiler blow down shall be channelled, to the sedimentation ponds prior to be used for irrigation. The quality of effluents shall not exceed the maximum permissible limits as set for irrigation standards.
12. Necessary measures shall be taken during the transportation of ash to avoid any nuisances to the public and surrounding environment.
13. Bagasse ash shall be disposed of as per the requirement of the Solid Waste Management Division of Ministry of Environment, Sustainable Development, Disaster & Beach Management.
14. The power plant shall be properly maintained and operated.
15. Necessary measures shall be taken to ensure compliance of the stack emissions with the most stringent standards of the WHO, the US EPA or the EEA and the EPA 2002 (Standards for Air).
16. The electrostatic precipitator shall be properly maintained.
17. An automatic continuous monitoring unit for flue gas analysis including opacity shall be used and same shall be properly maintained. The results of the analysis shall be submitted to the Department of Environment, Ministry of Environment, Sustainable Development, Disaster & Beach Management every two months.
18. An ambient air quality monitoring shall be carried out close to the nearest residential development and sensitive land use. The report shall be submitted to the Department of Environment, Ministry of Environment, Sustainable Development, Disaster & Beach Management every year during crop season
19. There shall be unrestricted access to enforcement agencies to carry out surprise checks and for the collection of stack emissions for analysis.
20. The noise emanating from the power plant shall be within permissible levels as per the Standards for Noise promulgated under the Environment Protection Act.

21. The operation of the power plant shall not give rise to vibrations, noise, odour, smoke and dust nuisances to the residents, the public and surrounding environment.
22. During all the phases of the project, no waste of any type, solid or liquid, shall be disposed of to the river or any natural water course.
23. The proponent shall bear all costs associated with monitoring and supervision of plant to be carried out by Government, which may entail sending samples abroad for analysis.
24. The Director reserves the right to impose additional conditions.
25. Any proposed deviation shall be subject to an application to the Director of Environment. No deviation or part thereof shall be executed prior to the determination of the application by the Director.