

LIST OF CONDITIONS FOR PROPOSED SOLAR POWERED DESALINATION PLANT AT ANSE AUX ANGLAIS, RODRIGUES BY SOCIETE IMMOBILIERE RODRIGUAISE LTEE [ENV/DOE/EIA/1807]

1. 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.
2. The Department of Environment shall be informed in writing of the date of commencement of works on site for monitoring purposes.
3. In accordance with Section 18(2)(l) of the Environment Protection Act 2002 (as amended), the proponent shall submit to the Director of Environment and the Environment Unit, Rodrigues, an Environmental Monitoring Plan (EMP) for approval prior to start of works on site. No infrastructural works shall start prior to the approval of the EMP. The proponent shall thereafter submit monitoring reports as per the EMP approval.
4. The Department of Environment as well as the Environment Unit, Rodrigues 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.
5. All other necessary permits/clearances from the relevant authorities shall be obtained and all the conditions attached therewith shall be scrupulously observed. A copy of all the permits/clearances obtained shall be submitted to the Director of Environment.
6. Necessary clearance shall be obtained from the Dangerous Chemicals Control Board, prior to the start of operation.
7. A Fire Certificate shall be obtained from the Mauritius Fire and Rescue Service.
8. The proponent shall comply at all times with the provisions of the Occupational, Health and Safety Act.
9. Prior to the start of operation of the desalination plant, the proponent shall carry out a baseline survey on the seawater quality and the marine ecosystem of the adjoining lagoon and submit the results to the Department of Environment, the Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping (Fisheries Division) and the Environment Unit, Rodrigues.
10. The proponent shall carry out monitoring of the seawater quality on a monthly basis and the ecological/marine biota surveys of the adjoining lagoon twice yearly and submit the results to the Department of Environment, the Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping (Fisheries Division) and the Environment Unit, Rodrigues.

11. The proponent shall carry out daily analysis of water samples at the rejection borehole. The operation of the desalination plant shall be stopped in case the salinity of the diluted brine exceeds 38 ppt.
12. All necessary precautions shall be taken to the satisfaction of the Water Resources Unit so that the proposed development does not impact negatively on the ground water and surface water quality.
13. During all the phases of the project, no waste of any type, solid or liquid, shall be disposed on the beach, into the sea, the existing drain or to have access to the surrounding coastal environment. The proponent shall ensure that only diluted brine is allowed to percolate from the beach well into the sea through the ground.
14. A clearance shall be obtained from the Commission for Public Infrastructure, Housing, Transport and Water Resources regarding the setback of the proposed desalination plant from the existing canal.
15. Necessary bunded walls shall be provided around the storage of hazardous chemical storage area to cater for any accidental spillage and leakage.
16. The desalination plant shall not be operated during cyclonic conditions.
17. The proponent shall resolve any conflict that may arise with the coastal users including fishermen before, during and after implementation of the project, to the satisfaction of the Ministry of Ocean Economy, Marine Resources, Fisheries and Shipping.
18. Public access to the sea and beach shall be clear of any encumbrance and the public shall have free and unrestricted access thereto.
19. All domestic wastewater shall be disposed of into the existing wastewater disposal system of Cocotier Rodrigues Boutik Hotel.
20. An adequate drainage network including mud/silt traps and hydrocarbon separators shall be provided for evacuation of stormwater and surface runoff.
21. All solid wastes shall be collected and disposed of to the satisfaction of the Rodrigues Regional Assembly. Construction wastes shall be reused as backfill materials.
22. The quality of the treated water used for domestic purposes shall comply with the Environment Protection (Drinking Water Standards) Regulations 1996 promulgated under the Environment Protection Act 2002 (as amended).
23. A contingency plan shall be set up to combat any case of accidental brine and chemical spillage. The contingency plan as provided for, under Section 30(3)(a) of the Environment Protection Act 2002 (as amended) shall be submitted to the Director of Environment and Environment Unit, Rodrigues prior to start of operation.

24. All electric motors such as pumps, compressors, generators and other noise generating equipment shall be housed in noise attenuating structures so that noise generated therefrom shall be within permissible limits as per Environment Protection (Environmental Standards for Noise) Regulations 1997.
25. The proponent shall ensure a proper management of cables for the desalination and PV system to avoid trampling over and interlacing. The proponent shall carry out regular maintenance on both the desalination plant and the PV modules.
26. Any damaged PV panel generated during the operational phase shall be exported to the supplier for disposal.
27. All workers shall be trained in handling of chemical materials. The storage area and chemicals shall be properly labelled. Access shall be restricted to trained personnel only.
28. Necessary measures shall be taken during all the phases of the project so as not to cause any nuisance by way of dust, odour, vibration and noise or otherwise to the public and surrounding environment.
29. The site of work shall be properly fenced and maintained during construction, drilling and trenching works.
30. In case of any environmental pollution or nuisance arising from this development, this Ministry in consultation with other concerned authorities may impose additional conditions and will take necessary actions in accordance with the provisions of the Environment Protection Act 2002 (as amended). The additional conditions shall be strictly observed and implemented by the proponent.
31. 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.

Note:

According to Section 15 (2)(c) of the Environment Protection Act 2002 (as amended), no proponent shall commence or cause to be commenced any undertaking more than three years after the issue of an EIA licence unless the Minister in circumstances beyond the control of the proponent, otherwise determines in respect of that undertaking.