

LIST OF CONDITIONS FOR PROPOSED BEACH RE-PROFILING AND ASSOCIATED WORKS AT BLUMARINE ATTITUDE RESORT BY MARINA HOTEL VILLAGE LTD. [ENV/DOE/EIA/1687]

1. Notwithstanding all the other permits and clearances, the following approvals shall be obtained and a copy submitted to the Director of Environment:
 - i. Approval of the Ministry of Housing & Lands as lessor shall be obtained prior to the start of works on site. Moreover, after the implementation of the project, the proponent shall submit a new topographical survey plan drawn to scale by a Sworn Land Surveyor, indicating the High Water Mark as per lease agreement, the new High Water Mark and the extent of reinstated beach. Any increase in site extent will entail new rental terms at the approved rate.
 - ii. Approval of the Forestry Service shall be obtained for the felling of trees along the beach.

All conditions attached therewith shall be scrupulously observed.

2. The development shall be undertaken as per the mitigating measures stated in the EIA report and additional information submitted unless as otherwise advised herein.
3. The Department of Environment shall be informed in writing of the date of commencement of works for monitoring purposes. A detailed programme of work and implementation plans shall be submitted to the Department of Environment, Ministry of Environment, Sustainable Development and Disaster and Beach Management and the Ministry of Ocean Economy, Marine Resources, Fisheries, Shipping & Outer Islands prior to the start of works.
4. In accordance with section 18(2)(A) of the Environment Protection Act 2002, the proponent shall submit to the Director of Environment, Ministry of Environment, Sustainable Development and Disaster and Beach Management with copy to the Ministry of Ocean Economy, Marine Resources, Fisheries,

Shipping &Outer Islands, an Environmental Monitoring Plan for approval prior to start of works. The Environmental Monitoring Plan shall contain the baseline data on the state of the marine environment and the hydrodynamic data at the project site. The proponent shall thereafter submit reports on the implementation accordingly. During the construction phase, the proponent shall carry out monitoring of the marine ecosystem on a monthly basis and the lagoonal water quality on a quarterly basis and submit reports to the Ministry of Environment, Sustainable Development and Disaster and Beach Management with copy to the Ministry of Ocean Economy, Marine Resources, Fisheries, Shipping &Outer Islands.

5. The proponent shall submit to the Ministry of Environment, Sustainable Development and Disaster and Beach Management with copy to the Ministry of Ocean Economy, Marine Resources, Fisheries, Shipping &Outer Islands, a beach profile survey report as follows:
 - (i) immediately after completion of works;
 - (ii) twice for the first year (every 6 months) and, thereafter
 - (iii) once every year for the next two years.
6. The proponent shall monitor the state of the marine environment including the sea grass meadows of the surrounding lagoon after the completion of the project on a quarterly basis to assess any negative impacts that may occur due to change in current patterns and submit the reports to the Ministry of Environment, Sustainable Development and Disaster and Beach Management with copy to the Ministry of Ocean Economy, Marine Resources, Fisheries, Shipping &Outer Islands.
7. The Department of Environment shall be informed in writing of the date of completion of all works on site for monitoring purposes and to ensure compliance with the conditions of the EIA licence as well as proposals in the EIA report and additional information.
8. The proponent shall submit to the Ministry of Environment, Sustainable Development and Disaster and Beach Management with copy to the Ministry of Ocean Economy, Marine Resources, Fisheries, Shipping &Outer Islands, a

maintenance programme detailing the frequency of maintenance required. For any future maintenance works to be undertaken in the subsequent years, prior authorization shall be obtained from the Director of Environment, Ministry of Environment, Sustainable Development and Disaster and Beach Management.

9. At the start of the implementation of the project, necessary measures shall be taken to notify the public of all beach and lagoonal works to be undertaken in accordance with the scheduled programme of works by way of press notice(s) and noticeboard(s) at the project site.
10. All the structures including the rock revetment and jetty shall be designed to resist the dynamic lateral loads due to wind and sea surges generated by cyclones.
11. All living benthic organisms found within the project site shall be carefully hand-picked and transferred to safer areas of the lagoon in the presence of a Fisheries Officer before the start of the construction works.
12. No rocks whether loose or embedded shall be removed from the surrounding lagoon.
13. No machinery shall have access to the sea during the construction works and there shall be no dredging of the seabed.
14. All lagoon works shall be undertaken at low tide and during day time only. The operations shall be interrupted during rough seas or adverse climatic conditions.
15. The sand used for the creation of the sandy beaches shall be of appropriate granulometry.
16. Access to the sea, the jetty and beaches shall be clear of any encumbrance and the public shall have free and unrestricted access thereto.

17. All rocks that will be used for construction purposes shall be thoroughly washed inland before they are used for the construction of the beach mattress and rock revetment.
18. During the construction phase, the site of works shall be properly fenced so as to ensure that no waste or debris of any type has access to the lagoon.
19. During the construction and beach re-profiling works, all necessary measures shall be taken by the proponent to avoid any impact on the surrounding marine biota in the lagoon. Double layered geotextile screens of appropriate mesh size shall be installed around the work area to prevent sediment entrainment into other areas of the lagoon. The geotextile screens shall be maintained regularly to prevent any clogging.
20. After the implementation of the project, all geotextile screens shall be removed and disposed of, to an approved disposal site.
21. During the extension works of the jetty, all precautionary measures shall be taken by the proponent so that no residual construction materials are left in the lagoon.
22. The proponent shall take necessary measures to ensure that the dense sea grass meadows are not negatively impacted by the proposed works.
23. In case of any negative impact caused to the marine environment, the proponent shall at his own cost, redress the harm caused to the complete satisfaction of Ministry of Environment, Sustainable Development and Disaster and Beach Management and the Ministry of Ocean Economy, Marine Resources, Fisheries, Shipping &Outer Islands.
24. The proponent shall resolve any conflict that may arise with the coastal users including fishermen of the region prior to, during and after the implementation of the project.
25. The demolition wastes emanating from the removal of the existing concrete retaining wall, platform and walkway shall preferably be reused as backfill materials under the project or any other project.

26. The plant and equipment that will be used on site during the construction period shall be regularly serviced and maintained in good condition to minimize risk of air and noise pollution.
27. Necessary measures shall be taken to prevent any hydrocarbon spills from vehicles and from the stand-by generator and diesel storage tanks to infiltrate through the soil so as to avoid the contamination of the underground and surface waters.
28. Necessary measures shall be taken during all phases of the project so as not to cause any nuisance to the public and surrounding environment.
29. The proponent shall ensure that the section of the Mon Choisy- Cap Malheureux Road, B13 to be used as haulage route is regularly cleaned of debris and mud during the proposed works for the safety of road users to the satisfaction of the Road Development Authority.
30. The proponent shall carry out road repairs along the Mon Choisy- Cap Malheureux Road, B13 if the road is found to have suffered damage during the proposed works due to haulage of materials to the satisfaction of the Road Development Authority.
31. The Director reserves the right to request for submissions and to impose additional conditions.
32. 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:

1. *According to Section 15 (2)(c) of the Environment Protection Act, 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.*