

LIST OF CONDITIONS FOR THE PROPOSED BEACH EROSION PROTECTION WORKS AT BEL OMBRE BYVLH LTD, NEREIDE LTD AND SALT LAKE RESORTS LTD [ENV/DOE/EIA/1708]

1. Notwithstanding all the other permits and clearances, the following approval shall be obtained and a copy submitted to the Director of Environment:
 - i. Approval of the Ministry of Housing and 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 Topographical Survey Plan (drawn by a Sworn Land Surveyor) of the leased site, indicating clearly the old and the new high water mark alignments along the hotel's sea frontage to the Survey Division of the Ministry of Housing and Lands for approval and record purposes.
 - ii. A Planning Clearance for the construction of the two storm water outlets shall be obtained from the Ministry of Housing and Lands.
 - iii. Necessary authorization from the Supreme Court shall be obtained for construction of wooden decks acting as foot bridges across the watercourses as stipulated in the Rivers and Canals Act, Part 1, Section 25.

All conditions attached therewith shall be scrupulously observed.

2. The construction of Reef 5 and Reef 6 shall not be allowed under this EIA Licence as these shall be subject to redesign.
3. Sand extraction from the lagoon shall not be allowed.
4. The proponents shall carry out beach recharge to restore the beach to the 2003 high water mark. In the event that there is accretion of sand within the project site, the accreted sand shall be removed or offset and used for replenishment of adjacent beaches including the BelOmbre public beach, following approval from the Department of Environment, Beach Authority and Ministry of Housing and Lands.

5. The development shall be undertaken as per the mitigating measures stated in the EIA report and all additional information submitted unless as otherwise advised herein.
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 and implementation plans shall be submitted to the Department of Environment and the Ministry of Ocean Economy, Marine Resources, Fisheries & Shipping, 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, with copy to the Ministry of Ocean Economy, Marine Resources, Fisheries & Shipping, an Environmental Monitoring Plan (EMP) for approval prior to start of works. No works shall start prior to the approval of the EMP.

The EMP shall contain:

- (a) baseline data for the project site (*survey to be carried out prior to start of works*) on the state of the marine environment including monitoring of the marine ecosystem
- (b) lagoonal water quality for the project site.
- (c) the hydrodynamic data for the *project site and the adjoining areas (*an appropriate bathymetric survey, wave height and current strength and directions from the beach to slightly beyond the fringing reef, delimitating the whole lagoon as baseline data*)
- (d) beach profiles every 100 meters with permanent stations established along with their respective GPS coordinates, for the *project site and the adjoining areas.

* Project site and the adjoining areas mean *"from Heritage Le Telfair hotel up to the end of public beach of BelOmbre and from the boundary of Outrigger Resort up to a distance of 500 m towards Sofitel Hotel"*

The proponents shall thereafter submit reports on the implementation as follows:

- i. During the construction phase, the proponents 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 Department of Environment with copy to the Ministry of Ocean Economy, Marine Resources, Fisheries & Shipping.
 - ii. After completion of works, all the parameters listed at Condition 7 (a-d) shall be monitored every three months for the first and second year, and every six months thereafter. The same transect lines used for the baseline surveys in the EMP shall be used. The monitoring shall focus on the changes in the beach profile and rate of erosion. All reports shall be submitted within one month of monitoring to the Department of Environment with copy to the Ministry of Ocean Economy, Marine Resources, Fisheries & Shipping.
8. 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.
 9. No structures shall be allowed on the newly created beach. Public access to the sea and the beach shall be clear of any encumbrance after the implementation of the nourishment and re-profiling phase and the public shall have free and unrestricted access thereto.
 10. The storm water outlets shall be equipped with silt traps and siltation ponds to prevent debris and silt from entering the lagoon.
 11. 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 including noticeboard(s) at the project site.
 12. All necessary precautionary measures shall be taken by the proponent so as not to undermine the safety of beach user's and the residents of the hotel during the coastal rehabilitation works.
 13. There shall be proper signage so that the structures shall not present hazard to navigation of pleasure crafts inside the lagoon.

14. All living benthic organisms located near the project site shall be carefully hand-picked and transferred to safer areas in the lagoon in the presence of a Fisheries Officer prior to the start works.
15. Works at sea shall be undertaken at low tide and between sunrise and sunset. The operations shall be interrupted during rough seas or adverse climatic conditions.
16. During the construction phase, no waste or debris of any type shall have access to the lagoon.
17. The sand used for the beach recharge shall be of appropriate granulometry.
18. During the works at sea, all necessary measures shall be taken by the proponents to avoid any impact on the surrounding marine biota in the lagoon. The adjoining areas shall be protected from sediment entrainment by properly placing and anchoring double layered geotextile screens of appropriate mesh size. The geotextile screens shall be regularly maintained during the proposed works.
19. After the implementation of the project, all geotextile screens shall be removed and disposed of, to an approved disposal site.
20. The proponents and his team of consultants involved in the preparation of the EIA shall be in solidio liable for the undertaking for any directly related consequential damages arising on the adjacent shoreline and upstream of River Citronniers.
21. The proponents shall hold consultative meeting(s) with fishers and coastal users of the region concerning the project and the proponent shall resolve any conflict that may arise with the coastal users including fishers of the region prior to, during and after the implementation of the project.
22. 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.

23. 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 as well as the lagoon.
24. Necessary measures shall be taken during all phases of the project so as not to cause any nuisance to the public and surrounding environment.
25. During the execution of works, all precautionary measures shall be taken by the proponents so that no residual construction materials are left in the lagoon.
26. Any modifications or addition of new components in connection with the project shall require authorization from the Department of Environment and a fresh EIA may be requested.
27. The Director reserves the right to request for submissions and to impose additional conditions.
28. 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, 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.