

LIST OF CONDITIONS FOR PROPOSED COASTAL PROTECTION, LANDSCAPING AND INFRASTRUCTURAL WORKS AT GRAND BAIE LE CAPITAINE BY MINISTRY OF ENVIRONMENT, SOLID WASTE MANAGEMENT AND CLIMATE CHANGE[ENV/DOE/EIA/1853]

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. A detailed programme of work shall be submitted to the Department of Environment, Beach Authority, Ministry of Blue Economy, Marine Resources, Fisheries and Shipping prior to the start of works.
3. In accordance with Section 18(2)(l) of the Environment Protection Act 2002 (as amended), an Environmental Monitoring Plan (EMP) shall be submitted to the Director of Environment, for approval. The EMP shall include a maintenance plan for the coastal infrastructure. The proponent shall thereafter submit monitoring reports as per the EMP approval.
4. 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, within one month after completion of works for monitoring purposes.
5. The proposed development shall comply with the provisions of the Forest and Reserves Act.
6. The proponent shall obtain a clearance from the Conservator of Forest for the felling of any trees onsite, prior to start of works. The felling of trees on site shall be undertaken under the supervision of the Forest Officers. A landscaping plan shall be submitted to the Forestry Service for approval and the planting plan shall be included in the Environmental Monitoring Plan. The planted trees and shrubs shall be managed and maintained for at least 2 years of until the plants are well established and to the satisfaction of the Forestry Service. At least thrice the amount of trees to be felled shall be replanted to the satisfaction of the Ministry of Agro Industry and Food Security.
7. In case of any negative impact to the marine environment, the proponent shall redress the harm caused to the complete satisfaction of the Ministry of Blue Economy, Marine Resources, Fisheries and Shipping.
8. Necessary measures shall be taken to notify the public of all coastal works to be undertaken in accordance with the scheduled programme of works by way of noticeboard / signboard at the project site, prior to implementation of the project. All measures and precautions shall be taken to ensure the safety and security of the beach users at all times during the execution of the works.
9. An updated survey plan showing the new alignment of High Water Mark (HWM) shall be submitted to the Ministry of Housing and Land Use Planning after completion of works on site.

10. Electronic version of bathymetry survey data, WGS84 datum and GPS coordinates (WGS84 datum) shall be provided to the Department for Continental Shelf, Maritime Zones Administration and Exploration, prior to start of works.
11. Any marine organisms present within the site of works shall be relocated to other areas under the supervision of a Fisheries Officer of the Ministry of Blue Economy, Marine Resources, Fisheries and Shipping so as not to be affected by the construction works.
12. During the construction phase, monitoring of the marine ecosystem shall be carried out on a monthly basis and reports of same shall be submitted to the Ministry of Blue Economy, Marine Resources, Fisheries and Shipping.
13. The proponent shall resolve any conflict that may arise with coastal users, including fishermen of the region prior to, during and after the implementation of the project. The proponent shall make provision for a nearby boat mooring area for the fishermen mooring and carrying out maintenance of their boat within the proposed project site.
14. Free and unimpeded access shall be allowed to the general public from the sea as well as from the shore. The proponent shall facilitate emergency evacuation in the event of a disaster, such as cyclone, tsunami, storm surge and high waves.
15. Works at sea shall be carried out preferably at low tide and between sunrise and sunset. No work shall be carried out in case of bad weather conditions.
16. The rocks for the revetment shall be properly washed and cleaned offsite prior to be used.
17. A channel of appropriate dimension, lower than the road level (minimum 50mm) shall be provided along the B13 Road frontage to direct surface run-off into the new network.
18. The outlet of the two culverts along the B13 road shall be designed to take into consideration the tidal effect so as to prevent any backflow and to avoid any erosion at the discharge point through provisions of appropriate infrastructure. Provisions shall be made to access the culvert through chambers of adequate size for maintenance purposes and details thereof shall be submitted to Road Development Authority for approval, prior to start of the works. All precautionary measures shall be observed during the construction stage so as not to obstruct drainage infrastructure leading to the sea along the stretch of project. Stormwater drains shall be regularly maintained and cleaned such that no debris or sediment has access to the sea.
19. The proponent shall provide street lightings within his property along the frontage with main roads which must be operational upon completion of the works.
20. All relevant engineering design details and drawings to be carried out in relation to main roads including road widening/ road realignment, cycle track (if any), road side setbacks, road reserves, kerb radii, junction details, pavement structure, provision of footpath, drains and laybys shall be duly certified by a Registered Professional Engineer (Civil) and shall be submitted to the Road Development Authority prior to the start of the works.
21. The proponent shall maintain and keep the RDA road clean from all entrained mud and other construction materials at all times and any damage caused to the classified road during the

construction phase shall be immediately repaired by the proponent at his own costs to the satisfaction of the Road Development Authority.

22. The proponent shall seek necessary wayleaves from the Road Development Authority, prior to any connection to existing services on the main roads and prior to the removal / modification of any amenities/ facilities like handrails, guardrails, traffic signs, road marking, etc. on the main roads.
23. Necessary measures shall be taken to prevent any hydrocarbon spills from vehicles and diesel storage tanks to infiltrate through the soil and sand so as to avoid the contamination of the underground and eventually the lagoon.
24. Excavated soil and boulders shall be reused as backfill material. Other construction wastes shall be disposed at the landfill.
25. No waste of any type, solid or liquid shall be disposed of or have access into the sea.
26. During the construction phase, sanitary facilities shall be provided to the workers and all domestic wastewater shall be collected and carted away to Wastewater Management Authority (WMA) approved disposal site. No on-site wastewater disposal system shall be carried out.
27. The construction works shall be confined to normal working hours only, that is between 07.00am to 05.00pm.
28. 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. All necessary measures shall be taken to avoid any leakage/discharge of oil/fuel from any machinery deployed.
29. The site of work shall be properly protected by double-layered geo-textile screens to prevent sediment entrainment in the adjoining lagoon. The geotextile screens shall be regularly maintained during works. After implementation of the project, all geotextile screens shall be removed and disposed of at an approved disposal site.
30. The noise level emitted during the construction phase shall be within the permissible limits as per the Standards for Noise promulgated under the Environment Protection Act 2002 (as amended).
31. Necessary measures shall be taken during all the phases of the project, including site preparation and construction so as not to cause any nuisance by way of dust, noise, vibration and odour to the public and surrounding environment. The site of works shall be properly protected by fencing/hoardings to attenuate dust and noise nuisances during the construction phase.

EA Division
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