a) INTRODUCTION
This project is to design a tourist jetty in order to cater for the tourists coming in and out of Hulhumalé. This jetty will be located North of Ferry terminal & ferry Terminal Park which is in front of a proposed commercial building along with a tourist transit area. Therefore, this building will be connected to the tourist jetty itself. The tourist jetty will include a finger jetty, a pontoon jetty to cater for different types of vessels and a shaded pavilion. This area will be an iconic area and landmark for the city as tourists and other visitors to Hulhumalé will be entering the city from here. Therefore, it is important to have a significant design which serves its purpose and functionalities.

b) DESIGN GUIDELINES
The following design guidelines will be based on three essential components of the project.

1.1.1 Finger Jetty
The finger jetty will cater for larger vessels, (for example: gulf craft nomad 95, 30 m length). The main design components to consider for finger jetty are as follows:

- The proximity to other jetties (pontoon) and their required vehicle access should be taken into consideration.
- The civil and structural design requirements of the jetty taking into the location, natural phenomena such as the weather and tidal/marine considerations.
- The circulation of sea vessels (ingress & egress) should be taken into consideration while designing.
- An impact protection device such as fendering and mooring systems should be proposed to avoid damage to vessels and jetty.
- Adequate facilities for mooring should be provided alongside jetty for safe and secure mooring and to hold vehicle in position.
- Ease transfer of people and luggage from boat to jetty should be taken into account when jetty.
- Materials used should be resistant to rusting and durable.
- A lighting plan with adequate lighting should be proposed for the jetty and pavilion. Artificial lighting should be designed in a dynamic manner to be lit during night time.
- It is encouraged to incorporate green/ sustainable elements into the design.
1.1.2 Pontoon Jetty

The pontoon jetty will cater for smaller vessels, such as small speed boats. The main design components to consider for pontoon jetty are as follows:

- The proximity to other jetties (pontoon) and their required vehicle access should be taken into consideration.
- The approaching slope to the pontoon jetty should be designed considering the movement of people and luggage.
- The current of the sea and the winds of the location should be taken into consideration when designing the pontoon system. Since the jetty is on lagoon, it is advised that the vertical structure be strong enough to withstand the currents.
- The circulation of sea vessels (ingress & egress) should be taken into consideration while designing.
- An impact protection device such as fendering and mooring systems should be proposed to avoid damage to vessels and jetty.
- Adequate facilities for mooring should be provided alongside jetty for safe and secure mooring and to hold vehicle in position.
- Ease transfer of people and luggage from boat to jetty should be taken into account when jetty.
- Materials used should be resistant to rusting and durable.
- A lighting plan with adequate lighting should be proposed for the jetty and pavilion. Artificial lighting should be designed in a dynamic manner to be lit during night time.
- It is encouraged to incorporate green/ sustainable elements into the design.

1.1.3 Pavilion

The main design components for pavilion are as follows:

- The pavilion should provide a shade for drop- offs and pedestrian to avoid sun and rain.
- Water runoff and drainage system should be designed.
- The materials used should be rust resistant and durable.
- A lighting plan with adequate lighting should be proposed for the pavilion. Artificial lighting should be designed in a dynamic manner to be lit during night time. Furthermore, the light and shade could include light and shadow play.
- Seating benches should be designed inside the pavilion as a shaded waiting area for people departing and arriving at the jetty.
- The design should consider the orientation and the direction of wind and rain. Shading devices can be used as a shading solution from sun and rain.
- It is encouraged to incorporate green/ sustainable elements into the design.