

MODERN CONSTRUCTED LAGOON

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ABSTRACT

What is a modern constructed lagoon you may ask? By definition of the words our project can be defined as to construct an artificial beach under a roof which uses modern facilities.

Due to everyday hectic lifestyle, people nowadays just can't find the time to go for holidays and short breaks anymore. Even when you manage to find the time to go to the beach, sometimes the weather can be rather disappointing. And not so long ago, about sometime last year, the tsunami hit our neighboring countries, people were so afraid to even go near the beach. Isn't going to the beach suppose to be a fun and not a fearful thing? Well that's why we came out with this idea, to build an artificial beach which has the same environment feeling of being at a real beach but of course canceling out the natural disaster and weather problems. And besides, with this lagoon situated near the city are; not only can people access the beach easily but indirectly our countries revenues in tourism sector can be increased.

With this lagoon, there are no worries for the disturbing weathers anymore. It would be sunny all day inside even when it's raining outside. This is because our lagoon is equip with movable sliding roof where when it is raining it would close automatically and reopen again when the rains stops. This is one of the main features of our lagoon.

Apart from that, the lagoon that we are going to propose has two pools, the main pool and the small pool which is intended for kids. The waves created at those two pools are created differently; one is created by water pressure and the other is by wind. The waves created in the main pool can be varied from normal waves to waves that are enough for surfing while the waves created at the smaller pool can be varied from soft waves to fast splashing waves just enough for the kids to have fun yet safe for them.

And there is no worries for water pollutions, in this lagoon, each pool is equip with a filtering system are efficient and yet cheap. The reason why it's cheap and reliable is because we are using the sand. Sands are known to be the oldest and yet most popular way of filtering.

The roof structure of our building is rectangular in shape. The roof consists of five sections. Three of the sections are the movable sliding roof while the other two sections are a fixed roof. The shape of the whole building is like the industrialized building. There will be a two floor building inside the lagoon. The two storey building consists of restaurants and shops. Basic facilities can be found in our indoor lagoon.