



Concordia Institute for Information System Engineering (CIISE)

Concordia University

INSE 6230 Total Quality Project Management

Progress Report-1

Construction of an Airport on an Island

Submitted to:

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Overview and project background:

We plan to build an airport on an exclusive island within 2 years to boost the economy growth and increase the accessibility of the island. We would start by evaluating the wind flow and magnetic field to decide the direction of the airstrip followed by starting construction of the terminal and the taxiways. Halfway into the project, we would start the interior design of the terminal.

Scope and general objective:

The scope of the project is to build an airstrip, taxiways, a small emergency room with 24/7 doctor on call, fire services, refueling station, aircraft maintenance, ATC (Air Traffic Control), airport security equipment, construction of a cafeteria and an airport lounge.

Product Scope and Deliverables:

1. Construction of a world class international airport on an Island.
2. One 8,000-foot runway.
3. Runway and Taxiway lighting system.
4. Creation of buffer zonal areas to protect surrounding localities.
5. 1 International and Domestic Terminal.

Excluded Objective & Scope: Maintenance and Operations of the airport are not managed by us.

1. The scope does not include managing the cafeteria, it would be auctioned to restaurants.
2. The security of the airport is managed by a 3rd party organization.
3. The Air Traffic Control would not be managed by us.
4. We would not manage the aircraft maintenance crew and the refueling station.

Schedule and Budget:

Approximate timeline to construct the airport is estimated to be 2 years.

Approximate budget would be C\$ 157 million for this project.

Steps to Manage Scope:

1. Collecting Requirements from the stakeholders and sponsors
2. Define the Scope of project
3. Creating the work breakdown structure (It defines the total scope of the project and a foundation document that provides the basis for planning and managing project schedules, costs, resources, and changes).
4. Verifying the Scope
5. Controlling the Scope