

Al Hosn Investment Company SAOC

Introduction

Al-Hosn Investment Company S.A.O.C (HIC), established in 2007 is a partnership between Qatar Holding LLC and the Ministry of Finance of the Sultanate of Oman. The Company was incorporated as a closed stock company and is based in the Sultanate of Oman. HIC investment strategy focuses on investments in the Sultanate of Oman and in other GCC countries. HIC investments target vital economic sectors which include: healthcare, education, aquaculture, industrial and manufacturing, telecom / media / technology. Additionally, HIC may consider other growth sectors, on a case by case basis.

Background

HIC has obtained an exploitation licence for an on-land fish project situated in Oman between the villages of Bimah and Fins, 130 kms south of Muscat. HIC has submitted a full-fledged feasibility study along with an environment impact assessment to the Ministry of Agriculture and Fisheries Wealth and is expecting to receive the Operational Licence (commercial licence) by June 2014.

As of now HIC is in the process of identifying partners who can collaborate to establish an aquaculture fish farming project in the allocated land. Following are the basic details about the project.

A. Size

The land for the project has an area of 24.9 Hectares, 260 to 280 m large and around 920 m long on the coastal line by the beach; (limits in this picture are approximate).



B. Project Features

The project includes on-growing farms on a modular concept, plus a hatchery, plus a processing plant, plus an oxygen factory, at a first stage. An objective close to 1,500 tonnes has been targeted as a first step, on tanks with intensive production units. Further development will be possible on the

same land, after having experienced production at this industrial level, by building others modular farms and extending hatchery capacity.

C. System

Semi-closed system with beach well inlet and water outlet is considered.

D. Species

After considering various factors including resource availability & marketability and risks and costs of production two species have been selected for project.

1. Sparus aurata: European sea bream, which is expected to be the main product from the farm, at low weights (310-350g) for sub region markets and at bigger weights (600-800g) for export or specific niche markets. This production has been targeted at 1,000 tons, extendable to 1,200 tons with better control of the farm after five years.

2. Hamoor: Epinephelus Coioides, targeted at 400 tons of yearly production extendable to 450 after six years and sales mostly at 1 kg.

E. Facilities

The project includes the following components :

- **The broodstock unit**, where breeders are kept for egg production;
- **The hatchery unit** including:
 - **Larval sub unit** where eggs are hatched and larvae raised;
 - **Plankton sub units**, zooplankton and phytoplankton, which are raised to be given to eat to the larvae,
 - **The nursery unit**, where the fingerlings are produced from the larval rooms of the hatchery and where they are weaned to eat only artificial food
- **The pre growing unit** where young fingerlings are grown to some grams under high level of protection;
- **The grow -out farm**, where the fishes are raised up to commercial size;
- **The processing plant** where fishes become fish products.

F. Stock in place and volumes

The farm is built based on the principle of recycling water. According to calculations based on production objectives, the total volume of the on growing farm is 16,404 cubic meters. This can be broken down into units of 60, 90, or 270 cubic meters. There will be 3 farms-module, two occupied by sea breams and one occupied by grouper. These modules can be multiplied for project extension, just by replication. Each farm has precisely 4 tanks of 62 m³ (OG1 tanks), 10 tanks of 90 m³ (OG2 tanks) and 16 tanks of 270 m³ (OG3 tanks). Before this on growing farm the fishes going out the hatchery will have a first phase in pre growing units.

A total of 1,400 to 1,600 tonnes per year consisting of 1,000 to 1,200 tonnes of Sea bream and 400 to 450 tonnes of grouper is forecasted.

G. Future expansion

Considering the land, a future expansion will be possible to reach 2,400 tons of yearly production, on this site. This can be increased further if appropriate sites offshore, can be obtained. In that case, the farm will act as first on growing bases for a production of more than 10,000 tons out of cages.