

MACAO INTERNATIONAL AIRPORT (management and supervision of the construction of the new logistics cargo facility)



Client / Employer Government of the Macao Special Administrative Region
Infrastructure Development Office

Service Management and Supervision of the Project by CONSULASIA, LDA
in association with CAA, City Planning and Engineering, Lda

Investment Approx. MOP 160 Million

Contract Price MOP 3,148,320

Time Schedule May 2006 to April 2008

Description of the Project The object of this project was to extend the existing Macao International Airport Cargo Facility, by constructing one adjacent building. This building increased the available working area and thus, doubled the cargo flow capacity of the Macao International Airport Facility.



The project main building represents an indoor area of 9,550 m².

The ground floor is a wide area, where the received cargo will be inspected, stored and then properly handled. We also would like to highlight the existence of a wide restricted area, to be managed by the International Airport authorities.

On the first floor we can find 58 office rooms as well as other complimentary social areas.

The roof of the main building is characterized by several double curved shapes. In order to achieve such architectural feature, special care was taken during the fabrication and assembly of this complex metallic structure spanning over 23 meters.

MACAO INTERNATIONAL AIRPORT (management and supervision of the construction of the new logistics cargo facility)



Technical Description of the Project (cont.)

There were several special equipments installed in this improved building, such as, cold storage room, hydraulic cargo lifts, loading / unloading cargo dock leveling equipments, two electronic weight scales, one metal detector portal, one X-ray equipment for small volumes and one X-ray equipment with a 2.5 m x 2.5 m section tunnel for container screening.



An administrative building and two large dimension cargo docks for heavy vehicles were constructed to be operated by the Macao Customs Office.

The Project Management of this project included:

- _ The control of all Construction and Installation Procedures (civil, electrical installation and equipments)
- _ Quality Control (in association with LECM - Macao Laboratory of Civil Engineering)
- _ Planning and Schedule Control
- _ Financial Analysis
- _ Safety Management