

## PROJECT DATA SHEET

**Project Name :** Langkawi International Airport Terminal Building – Extension and Renovation Works

**Project no. :** 9114

**Country :**

Malaysia

**State / Region :**

Langkawi / Kedah Darulaman

**Client :**

Arkitek Jururancang Malaysia

**No. of Professional Staff Involved :**

6

**No. Of Professional Man- Months :**

24

**Approximate Value of Project :**

RM 68 Million

**Start Date :**

August 1994

**Completion Date :**

October 1995



**Associate firms (if any) :**

### **Description of Project and Services Provided:**

Malaysia Airports Berhad (MAB) decided to redevelop the airport and its associated facilities. The design of the extension took into consideration the facilities needed up to the year 2005 as well as commercial and retail facilities. The existing Terminal Building had been extended on both sides. A 160m long underground cable trench measuring 3m wide and 1.5 deep carried the mechanical and electrical services from the plant room to the terminal building.

As civil and structural consulting engineers, HSS Integrated had the responsibility to help coordinate the project. Inspection of the works to safeguard against defects and deficiencies in the work was done with the contractor. As part of the company's quality management policy, HSSI conducted inspection check testing of all materials and workmanship to ensure compliance with specifications and plans.

### **Services:**

- Renovation and extension of existing terminal building
- Elevated water tower
- Sub station
- Suction Tank
- Cable Trench and Hard Landscape Structure
- Earthworks
- Drainage
- Sewerage
- Road and Water supply