

MACAO ELEVATED LIGHT RAIL TRANSIT (initial feasibility study and project plan)



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

Service Initial Feasibility Study and Project Plan by CONSULASIA, LDA.

Investment Approx. MOP 4,000 Million

Contract Price MOP 2.2 Million

Time Schedule September 2002 to March 2003

Description of the Project This project is the original stage in making a feasibility study of constructing or taking into consideration building a system that can boost the transportation system in Macao.

According to the plan, the first phase of the system will cover the Portas do Cerco to Taipa via the future construction of the Sai Van Bridge, and branches will then be extended to Taipa-Coloane, the airport and the future maritime terminal in Pac On.

The system was planned to be in service 19 hours a day, with trains every three minutes at peak times.

The trains' maximum passenger capacity will be 8,000 in each direction per hour, if four carriages were in operation.

The service coverage of an LRT station maintains at 300 to 500 m, which the Government claims that it will be able to cover 40% of the population within walking distance.

For neighborhoods not covered by the network, interchange buses will be available.

Meanwhile, the Government will continue to study the second and third phase of the system, including the feasibility to introduce the tracks into the old neighborhoods on the Macao Peninsula.

