Bangkok Mass Transit System Investment

Client:	Bangkok Mass Transit System Public Company Limited
Period of Appointment:	October 2002

To invest the mass transit system for the passengers has to be considered in various aspects. One of the main considerations is revenue. Therefore, route selection for investment is investigated and analyzed in details by AMP Consultants Ltd as a consultant. In addition, the analysis on the amount of passengers, suitable routes, and initial revenues, are the key tasks of the consultant.

The conclusion is that Bangkok is in desperate need of additional but affordable mass rapid transit systems to reduce people's dependency on the highway network to travel around the city. With the current transport provision and costs in Bangkok it is almost impossible to provide a high standard service such as MRT and recoup operating costs through the fare box.

This is due to the relatively high costs of such systems compared with road transport. The greatest asset is their ability to move large numbers of people quickly and safely around the city. Such attributes should be also assessed when undertaking an economic appraisal of such systems.

This additional analysis has attempted such an assessment and this indicates that time savings alone would be equivalent to at least double the fare revenue and in some cases considerable more. The savings in accident costs, such as property damage, police and medical expenses, traffic delays and psychological and emotional stress, would further increase the direct benefits of additional MRT routes and services.

Source: OTP, Mass Transit: Urban Rail Transportation Master Plan(BMA and Surrounding Areas), December 2001.

AMP Consultants Ltd