



Wuxi Metro, China

Wuxi in the Jiangsu Province is a city north west of Shanghai with a population of less than three million.

The Wuxi Metro is being built as part of the government's commitment to metro transport to cater for the growth of its cities. It will initially have two lines with a total length of 56 km and 45 stations. The metro is due to open in 2014.

Evans & Peck's role

Evans & Peck has formed a consortium with Nanjing Metro Consulting Company to provide advice on rail systems procurement planning, systems commissioning and operation readiness review of Line 1 of Wuxi Metro project.

Evans & Peck's advice has included:

- providing procurement advice on:
 - train systems including rolling stock
 - mechanical and electrical systems for underground stations
 - signalling control system
 - power traction system
- developing a master program for the procurement stage setting the milestone dates and time-critical tasks
- carrying out a detailed risk analysis for the whole procurement phase
- advising on interface management
- commissioning readiness review and technical support
- reliability, availability, maintainability and safety (RAMS) advice.

Our joint venture partners, Nanjing Metro Consulting Company is advising Wuxi Mass Transit Company on preparing tenders, and assessing the ability of the tenderers to successfully complete the works.

Results

As this is the first metro project in Wuxi, Evans & Peck and Nanjing Metro Consulting Company are bringing their experience in delivering major metro projects in Shanghai, Nanjing and Kunming to benefit the project.

FACTS AND FIGURES

Client: Wuxi City Mass Transit Development Co., Ltd

Project value: RMB 25 billion

E&P involvement: 2011 - 2015

Assisting our client deliver its first metro project in Wuxi in the Jiangsu Province in China.

