



Hong Kong-Zhuhai-Macau Bridge, Hong Kong

The Hong Kong-Zhuhai-Macau Bridge is a series of bridges and tunnels that will connect the west side of Hong Kong to Macau and the Guangdong province city of Zhuhai, which is situated on the west side of the Pearl River Delta.

It is a 29.6km dual three-lane carriageway in the form of bridge-cum-tunnel structure comprising a cable-stayed bridge and approaches and immersed tunnel of about 6.7 km. It will run from the artificial island of Gongbei off Zhuhai to the eastern artificial island for the tunnel section just west of the HKSAR boundary. The project includes construction of two artificial islands for the tunnel landings west of the HKSAR boundary, a customs and immigration facility and terminal with various multimodal transport links.

FACTS AND FIGURES

Client: Government of HKSAR represented by Highways Department

Budget: in the order of US\$10 billion

E&P involvement: February 2011

Evans & Peck's role

Evans & Peck facilitated value management workshops with senior members of the client, user departments, the designers and relevant stakeholders. One of the main objectives is to assist the designers interface effectively with the various departments of responsibility for the design of the new boundary crossing facility which will be a very large iconic building similar to the West Kowloon terminus. As the design will be based around the functional requirements of health and quarantine, immigration, police, etc., together with moving people quickly through the building, Evans & Peck ran a workshop for the key participants to assist them communicate and build an understanding of what each party really needed. The workshop was a combination of:

- presentations by the designers and then question and answer forums
- relationship building - how the team can work collaboratively using a partnering approach to achieve a higher team performance
- a discussion of project issues or challenges – what has happened and what may happen.

Results

The major benefit of the workshop is that senior participants are provided with the chance to get to know each other and understand the various priorities each participant has. Participants at the workshops have a forum to table their issues and to talk about how to resolve them collectively.

Helping participants in a major project understand each other's priorities and collectively resolve issues