Halic Metro Bridge over Golden Horn, Istanbul, Turkey
Optimization of Structural Bridge Elements with Risk and Cost Estimation

Owner: City of Istanbul

Project Description

The metro bridge Halic is the part of the metro line extension in the city of Istanbul. The section between Unkapani and Taksim will include 2520 m line with 2 stations and the new metro bridge over Golden Horn.

The bridge has the main cable stayed part with spans 45-45-180-45-45 m, two pylons, movable swing bridge on one side and approaching bridge parts.

Besides approach bridges that are made of concrete, the main crossing over the Golden Horn will be constructed in steel: piles, pylons, piers, deck of cable stayed bridge, mobile bridge and footbridge.

Services provided:

- Optimization of structural bridge parts
- Risk and cost estimation
- Quantity evaluation
- Investigation of price level on the international market

Consultancy for Construction company

Owner: City of Istanbul