

Project: "Light Rail Bursa"

Client: Bursa Metropolitan Municipality

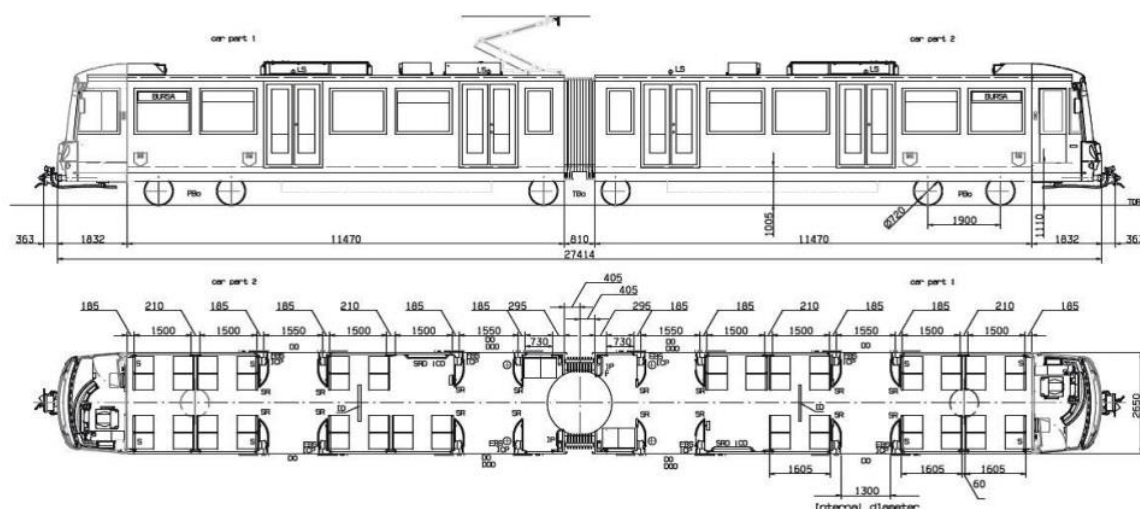
Contact Person: Turgut Men
Email: turgutmen@hotmail.com

Project Duration: 2008 - 2009

Project Brief:

The existing light rail system was expanded. Therefore, new vehicles had to be procured, which should be similar in basic functionality to the existing type B80 vehicles. In accordance with the European Investment Bank's funding guidelines, the tender specifications were prepared.

Brief Vehicle Description:



Model/Type: Bi-directional Vehicle	Max. axial load: 12 t
Vehicle length: 27,4 m	Min. curve radius: 50 m
Vehicle width: 2,65 m	Gradeability: 60 ‰
Entry height: 1.005 mm above top of rail	Multi-functional area: 2 wheelchairs + 2 buggies + 2 bikes
Total capacity (with 4 people/m²): 188 passengers total, 60 seats	

Task Description:

1. Preliminary studies:

- Analysis of infrastructure requirements and legal regulations for the existing light rail system
- Definition of required passenger capacities and driving cycles
- Customer information regarding available vehicles

2. Preparation of an Invitation to Tender:

- Preparing the tender specifications in coordination with the EIB
- Specifying evaluation and acceptance criteria
- Compiling the technical specification document
- Drawing up the technical-economic requirements

3. Tendering process:

- Assistance with the tendering and evaluation process
- Assistance with preparing a contract