

Transportation Infrastructure

Design Services for East Line (Arabayatađı-Kestel) within Bursaray LRS



Client	Bursa Metropolitan Municipality
Work Period	21.12.2009 - 30.11.2010
Services	Design Study; - Conceptual Design - Preliminary Design (Site survey, Preliminary design of the LRS line, Preliminary design of the bridges and relevant engineering structures, Preliminary design of the LRS Stations, Power supply and electrification design, Preliminary design of signalization and telecommunication systems) - Final Design (Pile system design and calculations of piling axis, Final design of engineering structures, Final design of LRS Stations, Final design of tunnels, Final design of LRT route, Final design of Electrification Components, Final design of signalization and telecommunication components, Infrastructural designs, Table of Bill of Quantities & Cost Estimation) Administrative and Technical Specifications; - Administrative Specifications - Technical Specifications

Technical Details

The project consists of engineering & technical consultancy services and update process as forecasted in the feasibility study in order to provide conceptual, preliminary and final designs, preparation of procurement tender documents in terms of civil-mechanical-electrical engineering and other sub-systems for the 8 km's long Light Rail System Project between "Arabayatagi" and "Kestel" districts (where the existing Bursa Light Rail system has ended) that has been situated in Bursaray Light Rail System Network Transportation Planning Program approved by DLH(General Directorate of Railways, Ports and Airports Constructions)

