

Transportation Infrastructure

Supervision Services for Köseköy-Gebze Highspeed Railway Line



Client

T.R. Ministry of Transportation and Infrastructure,
Directorate General for Foreign Relations and EU Affairs

Work Period

31.11.2011 - 24.01.2020

Services

Pre-construction Activities (Submission of a list of necessary permits, licences and approvals, examination of Contractor's obligations under works contract, preparation of supervision plan, preparation of QA/QC plan, preparation of inception report, evaluation of site conditions, preparation of manual for supervision services), Construction Activities (Design review and approval, supervision of infrastructure, superstructure, signalling, telecommunication and electrification works, tests on completion), Post-construction Activities (Defects notification, issue of work completion report, review of as-built drawings, issue of taking-over certificate, tests after completion, issue of performance certificate, return of performance guarantee, issue of final payment certificate, discharge certificate and project completion report)

Technical Details

The project consists of engineering, technical consultancy and construction supervision services for the rehabilitation and reconstruction of 55,696 km's long High Speed Railway Line System between Köseköy and Gebze provinces including 9 bridges (total length: 1800 m), 11 overpasses (total length: 2200 m), 21 underpasses (total length: 4200 m), 88 culverts, stone fill works nearby shores and Izmit station (civil works, E&M installations) within "Ankara-Istanbul High Speed Railway Line Project". Construction supervision services include infrastructure, superstructure, electromechanical (signalization, telecommunication and electrification) works. The Köseköy-Gebze Railway Section along with signaling, telecommunications and electrification systems are integrated to the neighboring railway lines such that uninterrupted safe traffic operations are ensured by the whole railway system along the route. The route has ETCS Level-1 which is a sub-content of ERTMS. The FIDIC type (FIDIC Conditions of Contract for Construction, Red Book-First Edition, 1999) project is financed by EuropeAid. The period of implementation of the tasks is 56 months from the Commencement date. The supervision services are conducted by the Consortium of "ILF Mühendislik Teknik Danışmanlık Taahhüt ve Ticaret Ltd. Şti.(18%)-ILF Beratende Ingenieure ZT GmbH (ILF Consulting Engineers) (25%), Obermeyer Planen + Beraten GmbH (10%), Optim Obermeyer Proje Teknik Bilgi İşlem Merkezi A.Ş (30%) and Neti Danışmanlık İnşaat Ltd.Şti. (17%)"

