

Junction Leipzig



Description of order:

General contractor for signalling, catenary and power supply, trackwork, structural engineering, cable laying and auxiliary equipment

Client: DB AG (represented by DB Projekt Verkehrsbau GmbH)

Contract value: 37 million Euro

Contract period: 2002 – 2004

Overview of services:

Signalling

- Design, implementation and commissioning of the relay-based interlocking system
- Delivery and installation of the cable system for the electronic interlocking system
- Installation of point machines

Catenary

- Various adjustments of the catenary system after reconstruction of trackwork in the central station
- Design and installation of the OCL system

Power supply

Design, implementation and commissioning of the:

- power supply installations for the electronic interlocking system
- high voltage connection to the energy supply company
- mid voltage system
- transformer stations
- UPS system

Trackwork

- Various adjustments of the trackwork in respect to the electronic interlocking system

Structural engineering

- Reconstruction of shunting yards with electrical locally-set point technology (EOW)
- Design and construction of the new maintenance building (3.500 m²; 18 persons)
- Protection of the interlocking system against vandalism
- Foundation of the electronic interlocking building and wayside facilities

Cable laying

- Design and implementation of trackwork cable crossings underneath the central station

Auxiliary equipment

Design, implementation and commissioning of the:

- remote controlled point heating systems
- track field lighting