



Station Waltershof Hamburg – Germany

Order Description: Conceptual design and consulting services subject to the signalling system

Client: Hamburg Port Authority

Period: 2010

Scope of Work: 1. Project Description:

The Hamburg Hafenbahn (port railway) is part of the Hamburg Port Authority and serves, as an infrastructural facility of the port, the port-specific rail-freight traffic. It is the connecting link between the port-operation track system and the Deutsche Bahn AG transport network.

The Waltershof Hafenbahnhof (port station), which is in the west-lying port area and is to be redesigned and modernized as the „rail gate“ for the container terminal, lies in the forefront of the HHLA Container Terminal Burchardkai (CTB) and the EUROGATE Container Terminals Hamburg GmbH (CTH). In this connection the existing electromechanical process switchbox „Whm“ is to replace the E43 structure.

The project embraces:

- › the preparation of a proposal document with examination variants both for the complete replacement of the signal box and for an interim solution realizable in the short term, as well as
- › the preparation of planning sheets for the preferred variants inclusive cost evaluations.

Engineering Performance:

- › Basic findings on technical equipment (property planning of systems-control technology and safety technology) following the example of performance phase 1 in keeping with HOAI [honorarium regulation for architects and engineers]
- › Feasibility study
- › Advance planning of technical equipment (property planning of systems-control technology and safety technology), following the example of performance phase 2 and in keeping with HOAI
- › Implementation of workshops with the participation of the Hafenbahn specialist services.