

Project identification

Warnow Crossing Rostock

Type of project

Immersed tunnel



Client

Warnowquerung GmbH & Co. JV Rostock

In co-operation with

Obermeyer Planen + Beraten

Dr. Ing. A. Herold

Ingenieurbüro Professor Duddeck und Partner

Ingenieurbüro Peter Otte GbR

Together with these partners TEC is part of the Joint Venture "Warnowquerung Rostock Ingenieurconsult".

Project assignment

Design review and construction supervision

Country

Germany

Location

Rostock

Project duration

2000 - 2003

Project phase

Under construction

Construction cost

Total tunnel project with roads and
tollsquare
€ 100.000.000,=
(excl. VAT)

Consultancy fee

For the total Joint Venture. Part of TEC
about 5 – 10 %.
€ 2.147.000,=
(excl. VAT)

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Project description

The Rostock Tunnel is a city tunnel crossing the Warnow River in the City of Rostock, going to connect the eastern and western part of the town. The tunnel has two tubes, each comprising two lanes and a central wall. The total length, including approaches, is 1500 m of which 800 m is enclosed. The immersed part consists of 6 tunnel elements each with a length of 120 m. The design of the tunnel is according to the German category B tunnel classification.

The project in Rostock is the first B.O.T. project in Germany.

The main partner in the consortium that realises the project is the French contractor Bouygues Travaux Publics.

Scope of work

The main task of TEC is to review all documents concerning marine activities for the immersed tunnel. TEC is also leading in the supervision of those activities.