

Project identification

Genoa Harbour Crossing

Type of project

Preliminary design



Client

Tunnel di Genova

In co-operation with

High Point Rendel, Technital, d'Appolonia

Project assignment

Study of solutions and preliminary design of a tunnel crossing the harbour, including adjacent structures and infrastructure

Country

Italy

Location

Genoa

Project duration

2003 - 2006

Project phase

Preliminary design

Construction costs

appr. € 300 mln
(excl. VAT)

Consultancy fee

TEC part € 370.000,=
(excl. VAT)

Office

Laan 1914 no 35
3818 EX Amersfoort
P.O.Box 28013
3828 ZG Amersfoort
The Netherlands

Telephone

+31 (0)88 348 2540

E-mail

info@TEC-tunnel.com

URL

www.TEC-tunnel.com

Project identification

Genoa Harbour Crossing

Type of project

Preliminary design

Project description

The Genoa Harbour Crossing is a project concerning an approximately 4 km long road connection through the port of Genoa with 4 junctions to the city. The harbour crossing is design as a bored or immersed tunnel and is suitable for 2 times 3 lanes road traffic.

Scope of work

Study and preliminary design of the harbour crossing in Genoa, Italy.

In the study several solutions are considered for a tunnel (immersed and bored), including ramps, viaducts and junctions to the city road network. In the study the different alignments and designs are compared. In co-operation with the Client, a decision was made for the solutions to be taken into account in the preliminary design. During the preliminary design both a bored and immersed tunnel are considered. The following aspects are designed and taken into account:

- Alignment.
- Construction of tunnel, shafts, ramps and viaducts, incl. M&E works.
- Constructions works.
- Junctions to city roads.
- Costs estimate.
- Environmental study.

