

Project identification

# The Noordtunnel

Type of project

Electromechanics tunnelinstallation immersed tunnel



Client

Exploitation company Tunnel under "de Noord"

In co-operation with

Ministry of Transport and Public Works, Tunnel Engineering Department  
Technical Management

Project assignment

General and detailed design, site supervision

Country

The Netherlands

Location

A15 motorway near Rotterdam

Project duration

1988 - 1993

Project phase

Completed

Construction cost

€ 13.613.000,=  
(excl. VAT)

Consultancy fee

Conceptual design € 182.000,=  
Tender design € 159.000,=  
Construction and testing phase € 567.000,=  
(excl. VAT)

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Project description

The mechanical and electrical installations for the Noordtunnel comprise:

- Energy supply.
- Tunnel lighting.
- Drainage and tunnel ventilation.
- Traffic installations.
- Fire fighting provisions.
- Communication systems.
- Maintenance building installations.
- Plant control and control systems.

Scope of work

To prepare a conceptual design, final design and tender documents.

Control of detailed engineering and construction of the installations. Responsible for construction supervision management on site.