

## References

**Project:** Flood protection dyke at Billwerder – Haken  
–Tender award and construction supervision

**Period:** 2000 - 2001

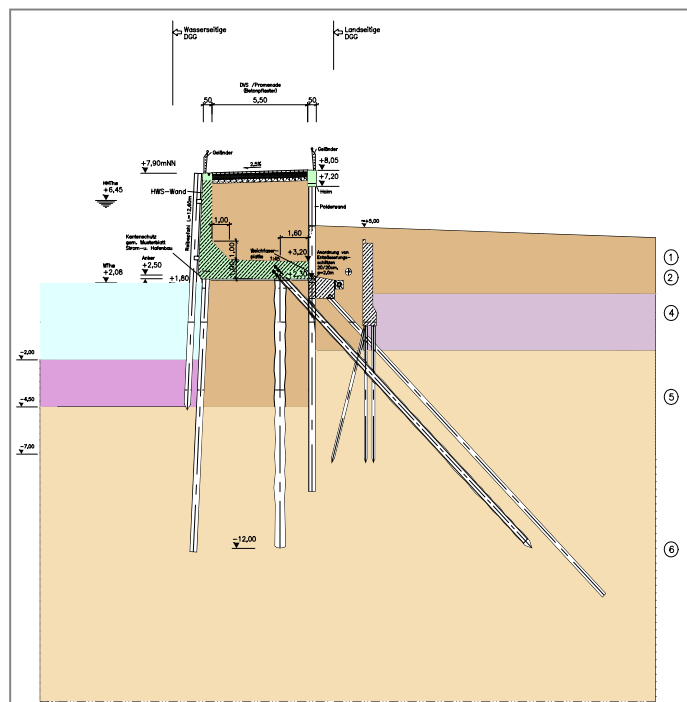
**Contract Volume:** 139,000 DEM 108,000 €

**Construction Cost:** approx.20 Mio. DEM approx. 10,226,000 €

**Client:** Freie und Hansestadt Hamburg  
Baubehörde, Amt für Wasserschafft

**Short Description:** The city of Hamburg, represented by the building authority, office for water management, planned for a new route for the public flood protection at the Wand-Haken in the course of raising the high water protection structures in the area of the flood protection area, Billweder.

The public flood protection was erected around 1966 and was later raised in 1976. The current flood protection structures does not conform both in the construction and also in the height with the new terms of the flood protection and dyke orders.



After the preliminary, design and permit planning for the planned flood protection accomplished by the IMS Ingenieurgesellschaft mbH, IMS was assigned by the office for water management with the performance phase of HOAI 5 and 6 for the new flood protection construction.

Withal are the separate invitations to tenders that were set up:

Tender 1 – Construction Engineering

Tender 2 – Road works, drainage and traffic flow management

Tender 3 – Metal works (Land, protection fences, corrosion protection)