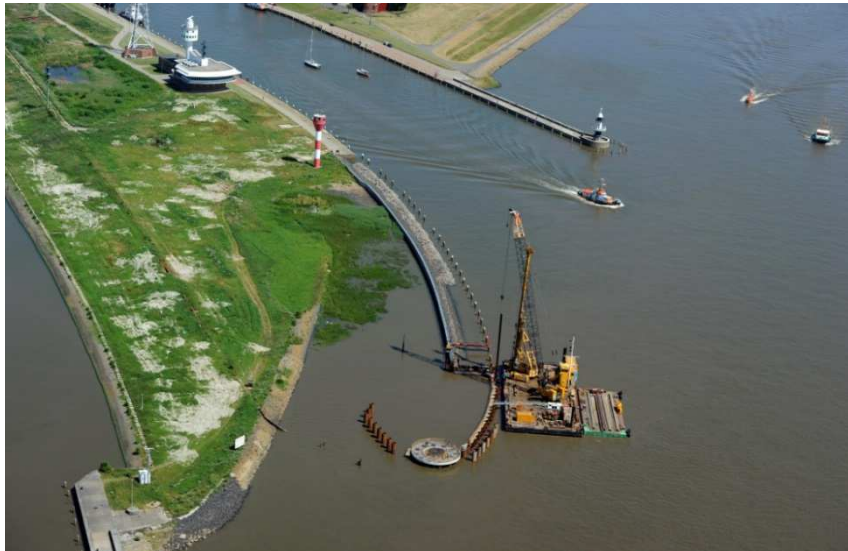


REFERENZ HARBOUR CONSTRUCTION AND MARINE ENGINEERING

Extension Mole 2, Brunsbüttel



The lighthouse „Mole“ will be moved about 50 m westwards. The existing pierhead will be damaged on a length of about 25 m and a 75 m long pier construction will be built.

The work includes following components and measures:

Survey works;

Bulkhead as combined wall build of HZM 680 with AZ 26-700 with mounted steel waling and access jetty at the passages between old and new Mole.

Diagonal anchoring with bored injection piles \varnothing 63,5 mm

Bulkhead as combined wall build of piles with \varnothing 1420 mm and injected piles AZ 26-700 with diagonal anchoring by combined piles \varnothing 711 mm with PSt 600 with a length of about 64 m

Foundation of the lighthouse consisting of 3 tubes \varnothing 914 mm and pilecap.

Dolphin row with piles from \varnothing 1220 up to 1626 mm in front of the supporting structure.

Access jetty made of steel, width 1,20 m with railing on both sides.

Damage, transport and storage of the old lighthouse including granite base; grounding and lightning protection

Contract Value:
~5,44 € Mio

Executed by:
F+Z Baugesellschaft mbH

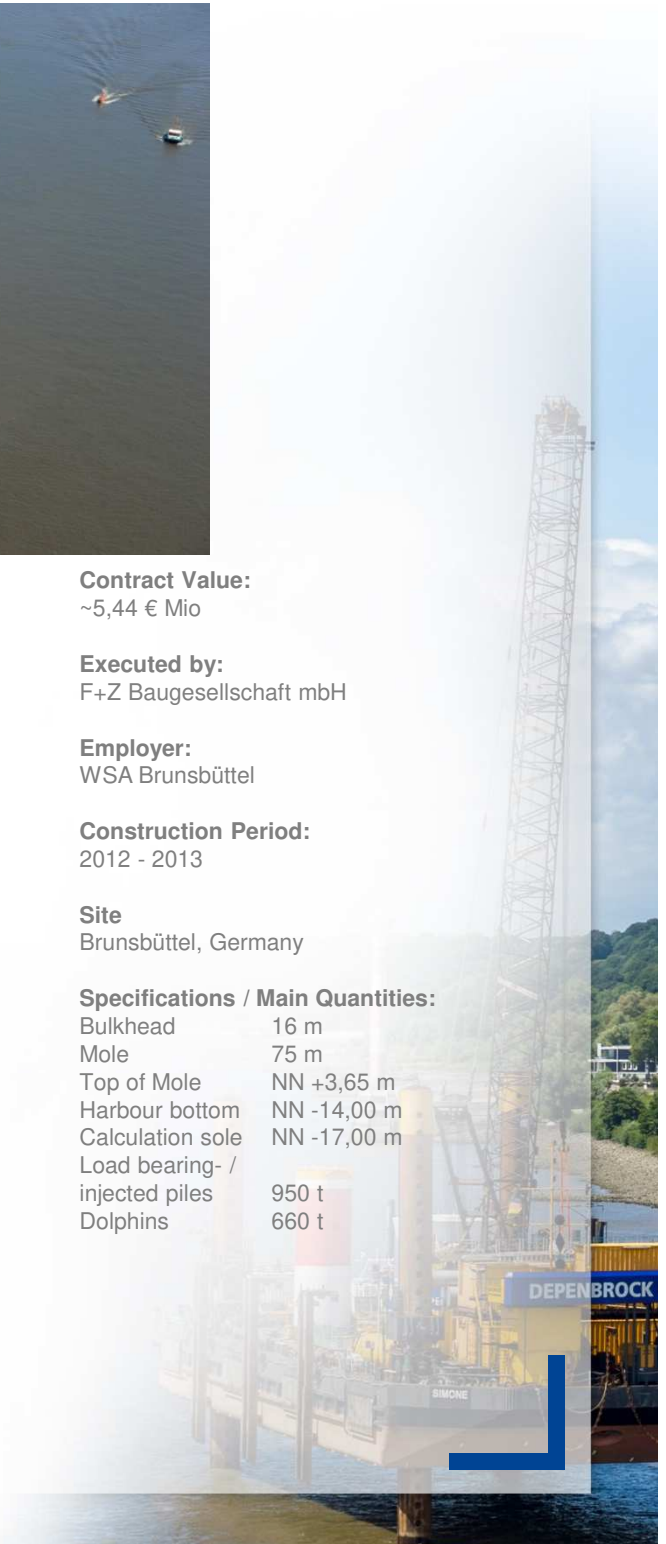
Employer:
WSA Brunsbüttel

Construction Period:
2012 - 2013

Site
Brunsbüttel, Germany

Specifications / Main Quantities:

Bulkhead	16 m
Mole	75 m
Top of Mole	NN +3,65 m
Harbour bottom	NN -14,00 m
Calculation sole	NN -17,00 m
Load bearing- / injected piles	950 t
Dolphins	660 t



REFERENZ HARBOUR CONSTRUCTION AND MARINE ENGINEERING
Extension Mole 2, Brunsbüttel

