



The client, Steelwind Nordenham – DH Projekt GmbH, plans to create a quay for heavy loads on the left bank of the Weser in Nordenham-Blexen as part of the development of a monopile offshore foundation manufacturing site.

The project “Steelwind quay for heavy loads” comprises:

Quay complex:

- Construction of a quay complex able to bear heavy loads, with a length of approx. 200 m plus an adjacent side wall
- Construction of a mooring dolphin with an access jetty
- Backfilling of the quay structure, including soil and ground improvement work
- Creation of an edge embankment with a revetment
- Creation of a reinforced concrete angled retaining wall in the terrain
- Creation of the necessary water depth for the mooring berth by dredging

Quay areas:

- Creation of the drainage system for the quay area incl. rainwater retention basin
- Creation of the paved surface, including heavy duty drain channels
- Creation of an empty conduit system

Consortium with Tiefbau GmbH Unterweser and Aug. Prien.

F+Z BAUGESELLSCHAFT

STEELWIND QUAY FOR HEAVY LOAD

NORDENHAM

Order volume:

12,2 mill. EUR net

Contractor:

F+Z Baugesellschaft mbH (40% / KGF)

Client:

Steelwind Nordenham – DH Projekt GmbH

Construction Period:

2012 - 2014

Site Location

Nordenham

Specifications / Main Quantities:

Spundwandstahl AZ20-700, AZ14-770 – 10/10	84 pcs
Pipes	
Ø 1.420 x 16,5	82 pcs
Vibro-cement injection piles	49 pcs
Insitu-concrete piles	appr. 281 pcs
Concrete	appr. 6.800 m ³
reinforcement	appr. 834 t
vertical drainage	appr. 44.000 m
Dredging	appr. 36.500 m ³

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