

**Terminal Multiusos de Leixões**  
**Porto de Leixões**

**Leixões Multipurpose Terminal**  
**Port of Leixões (Portugal)**

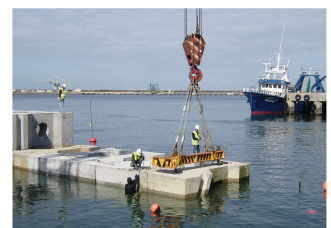
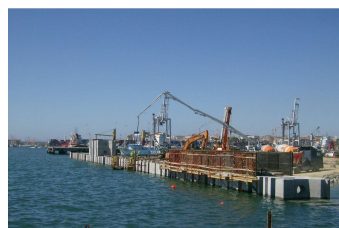
**Work description**

The contract for the Construction of the New Multipurpose Terminal at the port of Leixões was awarded by the APDL (Douro and Leixões Ports Authority) to the consortium of which Seth is a member, with a duration of 22 months and included the following jobs:

- Dredging two basins, one with a service depth of -8.50m (CD) and another of -5.00 m (CD);
- Construction of an Advance Structure of the South Mole Quay;
- Construction of a Fixed Roll-On/Roll-Off Platform;
- Construction of the New Block Wall Quays to depths of -8.50 m (CD) and -5.00 m (CD);
- Construction of two Rock-fill Bank Retaining Walls;
- Construction of a Slipway and an Open-air Storage Area at a level of +6.00 m (CD).
- Restructuring the area in various areas;
  - Repair of the vertical parameter of the present quay-wall of the South Mole;
  - Removal of sundry equipment;
  - Restructuring the technical networks;
  - Restructuring the stormwater run-off networks;
  - Repaving the port's existing open-air storage area.

**Main Quantities**

Dredging of soft materials to design level - **106,000 m<sup>3</sup>**  
 Dredging of rock - **99,000 m<sup>3</sup>**  
 Rock blasting - **73,000 m<sup>3</sup>**  
 Earthmoving- **100,000 m<sup>3</sup>**  
 Ungraded rock-fill- **95,500 m<sup>3</sup>**  
 Graded rock-fill - **16,700 m<sup>3</sup>**  
 Concrete: **40,000 m<sup>3</sup>**  
 Paving: **37,000 m<sup>2</sup>**  
 Rebars - **328 tones**  
 NOREF type quay mass concrete blocks - **1,546 units**



**Work Summary**

Client	<b>APDL</b> Administração dos Portos do Douro e Leixões
Type of contract	<b>Lump Sum</b>
Contractor:	<b>Seth, SA (in consortium)</b>
Construction period	<b>2006-2009</b>
Cost	<b>EUR 13.000.000,00</b>

