

Terminal de Cruzeiros de Lisboa – 1.ª fase
Santa Apolónia, Lisboa

Lisbon Cruise Liner Terminal - 1st Stage
Santa Apolónia, Lisboa

Work performed

The first stage of the job involving the Rehabilitation and Reinforcement of the Quay between Santa Apolónia and Jardim do Tabaco, at a cost of €14 million, has been concluded by a consortium that includes Seth.

Construction of the Santa Apolónia liner terminal is divided into three stages. The first stage involves rehabilitation of the present quay between the Santa Apolónia liner terminal and the Navy Dock, as well as the construction of a new advanced structure, ensuring greater water depth to allow the berthing of present-day liners.

The river-front crown of the new berth now stands at a level of +5.70 m (chart datum), which means that continuity will be given to the present Santa Apolónia Quay with which it is now connected following the conclusion of the job.

The works also involved general dredging of the manoeuvring basin and berthing basin, improvement of the foundation soils involving the construction of aggregate columns, and the reconstruction of the rock-fill prisms and of the landfills behind the existing quay. Besides these, other works were carried out, such as reinforcement of the massif of the superstructure of the existing quay including soil-nailing and sealing fissures, as well as the construction of pile caps, placement of pre-beams, erection of pre-slabs and complementary concrete-pouring work.

The contract also includes construction of a new quay 200 metres long and a variable width of between 33 m and 45 meters, using reinforced concrete piles.

The technical infrastructure works and the fitting out of the quays include the water, electricity and storm-water networks, as well as connecting up with the existing water mains.

Main Quantities:

Piles – 204 units (1,000 mm internal diameter piles of an average depth of 36 m)

Rebar cages – 791,000 kg (piles) 101 000 Kg (pile caps) 223,000 kg (deck slab)

Concrete – 3400 m3 deck slab) and 6,600 m3 (for the piles)

Dredging - +- 30,000 m3

Precast beams – 202 units (283,000 kg of rebar cages and 950 m3 of concrete)

Precast slabs – 660 units (230,000 kg of rebar cages and 1,300 m3 of concrete)



Resumo da Obra

Work Summary

Cliente

APL

Client

Tipo de contrato

Administração do Porto de Lisboa

Contract type

Data de construção

Valor Global

Construction period

Custo

2007-2009

Cost

EUR 14.000.000,00



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