



Design-Build



Panoramic Elevator at Boca do Vento

Almada, Setúbal (Portugal)

Work Description

Design-Build of a panoramic elevator, with exterior cabin
Tower Height: 50 m

Foundations

In bored cast-in-place piles
Quantity: 15
Length/diameter of piles: 15 m / 800 mm

Formwork Type

Climbing formwork

Steel Structures

42 ton

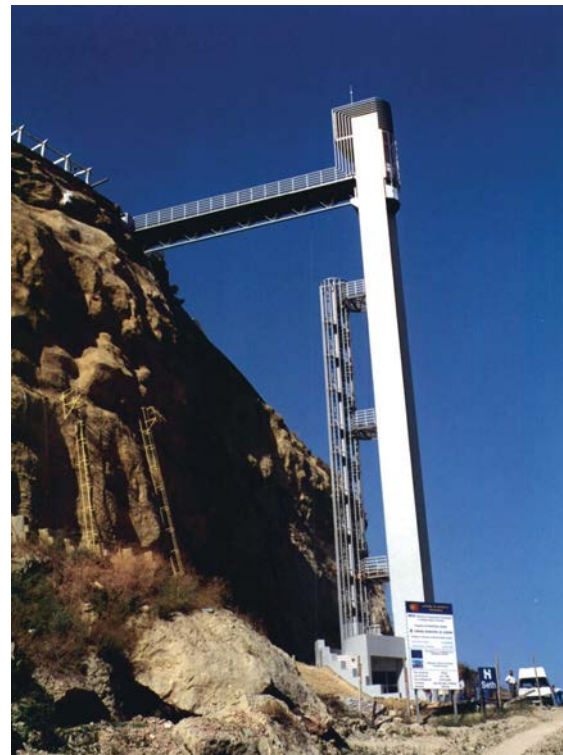
Elevator

- Course: 42 m
- Capacity: 1600 kg / 21 people
- Stainless steel outdoor cabin

Conceptual design: José Aurélio (*Sculptor*)
Project by the Architects: Fidalgo Mineiro; Helena Moreira e Anabela Felícia.
Structural design: Alfredo Pinho Morgado (*Civ.Eng.*), Luís Morgado (*Civ.Eng.*)

Work Summary

Client	C.M. Almada
Contract Type	Design-Build
Construction Period	1998 - 1999
Cost	PTE 152.000.000





Design-Build



Pedestrian Bridge

Alcácer do Sal, Setúbal (Portugal)

Cable-stayed bridge Dimensional features

Length: 121 m
Deck width: 3,5 m
Maximum span between pylons: 27 m Maximum height above water: 6 m
Pylons: driven tubular piles (Ø 708 and 508 mm)

Construction features

Steel piles: 110 t
Steel deck and abutments: 169 t
Reinforced concrete: 62 m³
Exotic wood on deck: 1300 m²

Design-Build: Luís Colen (Civ. Eng.)



Work Summary

Client	C.M. Alcácer do Sal
Contract Type	Lump sum
Construction Period	2001
Cost	€ 1 855 000,00





Design-Build



Dismantling of Facilities Portucel Recycler

Mourão, Évora (Portugal)

Work Description

Dismantling and demolition of the whole of the built heritage that was a former Portucel's manufacturing unit recycles (floors, foundations, structures of concrete and metal, buildings, storage tanks, deposits, equipment, pipelines, dams, curbs and walls, lighting poles and seals).

In the southern half of the former factory were removed as sludge, such as land mixed with sludge and other waste found there and was completed its modeling to ground.

In the area of plant and this north beyond the built heritage, and the sequence of removal of existing waste there, were removed as interface lands.

The area affected by this contract- such as quotas from 120 m to 136 m, only a small area- nodes preparation zone- are about on the height of 140 m, with aprox 0.5 ha.



Work Summary

Client	EDIA — Empresa de Desenvolvimento e Infra-Estruturas do Alqueva, SA
Contract Type	Lump Sum
Construction Period	2001
Cost	€ 18 605 253,20

