



Complete Remediation of the Hazardous Waste Site Kölliken

Client
General Contractor
Design
Joint Venture Partners
**Managing Contractor, Technical
Management**
Executive Design

Konsortium SMDK
ARGE SMDK INFRA
IG Rückbau
Marti AG, Bauunternehmungen, Zürich
ARGE Züblin
Marti AG, Bauunternehmungen, Zürich
Marti Holding AG, Bern

Project

The waste site Koelliken operated from 1978 to 1985 and was closed in the year 1985. After different safeguards the complete renovation of the landfill was ordered in November 2001. The remediation project for the waste site divides the overall work to be done into 17 lots.

The ARGE SMDK INFRA gained the acceptance for the lot "Los I Infrastruktur", which includes the construction, maintenance and later disassembly of all infrastructure facilities.

Construction Period

construction phase infrastructure: march 2006 - december 2007

Contract Sum in CHF

103' Mio.

Services

Site Infrastructure:

- building site roads, paths, places, conduits for water and electricity supply, sanitation, railway connection

Visitor Information Pavilion SMDK:

- information center and exhibition SMDK

Site Facilities:

- building site offices, lounge and sanitary for building site personal

Storage Hall:

- constructed in reinforced concrete, height 12.5 m, floor area 5'000 m²

Technique Center:

- floor area 100 m², power supply 3'200 kW, gas supply (heating) 700 kW

Manipulation Hall:

- floor area 8'000 m², max. span of arches 88.0 m, max. rise of arches 20.0 m

Excavation Hall:

- floor area 33'000 m², max. span of arches 175.0 m, max. rise of arches 20.0 m

Facility Management

Disassembly of all infrastructural facilities



1. start of assembly of the in Kollikenhalls
2. assembly of first arch