



Framework Agreement Switch Renewal 1 All of Switzerland

Location:	Switzerland
Client:	SBB Infrastructure
Construction period:	2019 - 2024
Services:	Planning, work preparation and procurement of all materials, overall cost planning and optimization, scheduling of work intervals, detailed design, execution and commissioning, final acceptance and inspection, as-built documentation and plans
Executing companies:	Rhomberg Sersa Rail Group (Switzerland)



The framework agreement for switch renewal is the first framework contract awarded by Swiss Federal Railways (SBB) in the field of switch renewal. It covers the planning and execution of switch renewal projects across the entire Swiss rail network.

The contract includes the full range of services—from planning and material procurement to early coordination of work intervals with SBB, logistics and transport, as well as execution and commissioning.

Between December 2019 and December 2024, Rhomberg Sersa Rail Group carried out more than 80 track renewal projects within the scope of switch and track renewal under this agreement.



Read more:

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Overview of services

- ✓ Planning
- ✓ Work preparation and procurement of all materials
- ✓ Overall cost planning and optimization
- ✓ Scheduling of work intervals
- ✓ Detailed design
- ✓ Execution and commissioning
- ✓ Final acceptance and inspection
- ✓ As-built documentation and plans

Execution works

- ✓ Construction of new drainage systems
- ✓ Installation of cable ducts
- ✓ Construction and/or renewal of trackside embankment protection
- ✓ Track superstructure renewal with ballast replacement under operation in marshalling yards, passenger stations, on open lines, in single-track sections, and in approach areas
- ✓ Rail welding
- ✓ Rail grinding

- ✓ Works on cable systems
- ✓ Works on signalling systems
- ✓ Renewal of level crossings
- ✓ Renewal of platforms

Special features

- ✓ Implementation using BIM methodology
- ✓ Application of LEAN management and construction principles
- ✓ Close collaboration between client, contractor, and subcontractors
- ✓ Complex execution due to demanding logistics and operational constraints, including works in marshalling yards, passenger stations, and on active lines under operation and/or full closures

Technical data

- ✓ Switch renewals: 354 units
- ✓ Length per switch: approx. 18 to 120 m
- ✓ Track renewals: approx. 175 km



Read more: