

BOLIVIA

WATER SUPPLY POTOSI

Location

City of Potosí

Client

Administración Autónoma para Obras Sanitarias (AAPOS), Potosí

Financing

German Financial Cooperation / KfW

Period

1998 - 2009

Value of Services

3.325 million US\$



Project Description

Improvement and extension of water supply of the city of Potosí including reduction of unaccounted for water and upgrading of existing facilities.

The water supply system includes:

- 20 raw water reservoirs (lakes); rehabilitation of 9 dams
- 25 km of transmission mains from ponds to water treatment plant
- Water treatment plant
- Distribution system, approx. 42 km main lines
- 11 reservoirs with a total storage capacity of 10,500 m³

Scope of Services

Phase I: Final Design (1998 - 2000):

- Inventory, investigations and review of existing documents
- Topographic survey and hydraulic calculations
- Assessment of present operation and conditions of water supply facilities
- Installation of bulk and consumer meters
- Final design and preparation of tender documents

Phase II: Tendering and Contract Award (2000 - 2002):

- Tender evaluation
- Contract negotiations and award
- Advisory services during tendering

Phase III: Construction Supervision (2002 - 2009):

- Construction supervision
- Commission and taking over
- Preparation of as-built drawings