



## Rehabilitation of Kidatu Power Plant Morogoro, Tanzania

**Client:** Tanzania Electric Supply Company (TANESCO)

*Kidatu Power Plant, which is situated in the central region of Tanzania, has an installed capacity of 200 MW. The installation represents approximately 50% of the total installed capacity in Tanzania, in 1994. The plant has four units of which two units were commissioned in 1975 and the other two in 1980.*

### Services Rendered:

#### Part 1:

- Feasibility Study

#### Part 2:

- Tender Documents
- Tender Evaluation
- Contract Negotiation

#### Part 3:

- Contract Management
- Shop test
- Construction Supervision
- Commissioning

### Project Key Data:

- 200 MW on 4 mills
- 168 m head

### Value of Services:

SEK 5,200,000

### Professional Staff:

37 man-months

### Year:

1995 – 2002

### Funding:

Swedish International Development Agency (Sida) and Norwegian Agency for Development Co-operation (NORAD)

After the urgent repairs project from 1990 to 1994 there is still a severe power shortage in the country and Norconsult has been engaged to carry out a continued rehabilitation of the plant.

The elements of this project cover rehabilitation of electro mechanical equipment, hydraulic steelwork, civil works and an evaluation of operation and maintenance aspects.

The whole project will be carried out in close cooperation with the Client, including on the job training.

The consultancy services contain the three following parts:

- Part one contains a feasibility study resulting into a project document evaluating and defining the remaining rehabilitation works, giving priority ranking and estimated costs together with recommendations and conclusions.
- Part two contains assistance to Tanesco by issuing tender documents, assisting Tanesco during tender negotiations and preparing contract documents.
- Part three is supervision and follow-up during implementation of the project.

