



Capacity Building and Emergency Repair of Existing Hydro Power Plants in Tanzania

Procurement assistance support including Owner's Engineer services and facilitation of training for plant maintenance.



Norwegian
Water Resources and
Energy Directorate

Background:

TANESCO's hydropower plants are in need of repair and require a scheme of planned maintenance. The programme is addressing this through assisting TANESCO with funds and capacity to conduct the activities.

The Program Document and Institutional Cooperation Agreement for the cooperation project were rewritten, finalised and signed in November 2011. The following five plants are under rehabilitation:

- Mtera hydropower plant
- Kidatu hydropower plant
- Nyumba ya Mungu hydropower plant
- New Pangani Falls hydropower plant
- Kihansi hydropower plant



Activities:

An overview of programme activities is as follows:

Emergency Initiative Management:

“To assist TANESCO for emergency upgrading and immediate training of the personnel.”

- First round of tenders resulted in only 1 bid from an electrical supplier.
- NVE/TANESCO discussed the problem together with Royal Norwegian Embassy (RNE). It was decided to split into electrical and mechanical lots, and power plant-wise.
- NVE suggested use of an Owner's Engineer to help TANESCO with coordination of the lots.
- RNE agreed to increase project budgets to finance this.
- The Tender was re-floated at the end of 2012.
- NVE has engaged an Owner's Engineer (Power plant owner) on behalf of TANESCO to assist TANESCO in monitoring of the rehabilitation work and supplier contracts.

Capacity Building in TANESCO

“To increase professional level and knowledge of the staff at TANESCO, and sufficient capacity to reach the goals set in the Power Sector Reform Strategy).”

Training needs assessment was finalised and budgets estimated for the various training. Most trainings are now already completed.

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Overall Project Data

Partner: Tanzania Electricity Supply Company Ltd (TANESCO)
NVE Mandate: NVE to facilitate TANESCO in rehabilitation of hydropower plants and training of operation and maintenance personnel.
Contract Value/ Duration: MNOK 67. 2011-2017