



# Nam Ou 2 first phase Hydroelectric Projects

## Government Engineer Services



The Nam Ou 2 Hydroelectric Project is being developed by the Sinohydro Corporation and the Government of Laos. The project is planned to enter commercial operation in 2015. The project comprises a low head gated barrage and integral power station equipped with 3 x 40 MW bulb turbines and generators.

PROJECT	PROJECT TYPE	LOCATION	CLIENT	TIME PERIOD	KEY NUMBERS
Nam Ou 2 Hydroelectric Project	Peaking station	Luang Prabang, Laos	Ministry of Energy and Mines, Lao PDR	2013 - 2017	Installed Capacity: 120 MW   Annual Energy: 484 GWh   Gross Head: 15 m

## SCOPE OF WORK

The scope of the work includes reporting and advice to the Government of Laos and a review of the project design, key project documents, compliance monitoring during construction, services during project commissioning and monitoring during the early stages of project operation.

## OUR SERVICES

- Review of environmental and social project studies and recommendations
- Review of EPC and other main construction contracts
- Review of project design
- Review of construction costs, project budget and operation & maintenance budget
- Monitoring of project construction and commissioning
- Review of water management, flood control and operational procedures
- Reporting, presentations and workshops

## DISCIPLINES

- Construction contracts
- Social and environmental requirements
- Cost estimation
- Civil engineering
- Mechanical and Electrical engineering
- Hydropower operation, hydro safety and emergency preparedness



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