

Terms of Reference

Position: Environment Specialist
Level: Specialist/expert
Position: Consultant
Number of Position: One
Duration: January 2026 to May 2026
Duty station: Tanahu Hydropower Project area, Tanahu
Report to: THL/Tanahu Hydro Power Project through Environment and Social Management Service Provider (ESMSP)
Mode of Contract: Intermittent.

1. Background

Tanahu Hydropower Limited (THL) was established in 2012 as a subsidiary company of Nepal Electricity Authority (NEA) to build and operate Tanahu Hydro Power Project (THP). It is a storage type hydropower project with an installed capacity of 140 MW. The project has received \$505 million funding from Asian Development Bank (ADB), Japan International Cooperation Agency (JICA), European Investment Bank (EIB) and Government of Nepal. The project will provide stabilize electric power supply from a renewable energy source to cope with increasing power demand in the interconnected Nepali power network, thereby contributing to national economic development, improvement of civil life of the population, and assisting to combat climate change. The Project site is situated 150 km west of Kathmandu on Seti River near Damauli City of Tanahu District, the Gandaki Province of Nepal. The hydropower component lies in two Municipalities: Vyas and Bhimad and two Rural Municipalities: Rising and Myagde.

The project is divided into three separate packages – Package 1 for Dam construction, Package 2 for Powerhouse construction and Package 3 for transmission line construction. Three separate contractors are hired to commence these tasks.

As the project has environmental consequences, the THL and contractors are taking actions to maintain environmental safeguard by applying effective measures. Contractor's environment plan, river safety management plan, wildlife management plan, forest management plan, fish management plan are developed in line with the ADB safeguard policy and are under implementation.

2. Responsibilities

The major responsibility is to lead overall over all environmental safeguard activities of Tanahun Hydro Power Project in coordination with Social Management Unit of Tanah Hydro Power Project (THP).

2.1 Key Responsibilities

In light of the present project's scope in the environment safeguard monitoring with regard to construction site environment management, specifically, the Contractors Environmental Management Plan (CEMP) monitoring, Environment Specialist should lead the following responsibilities:

- Attendance at the weekly meetings with the international expert team,
- On-site inspections every 15 days with regards to Contractors CEMP implementation,
- Draft the NCR with respect to contractual and CEMP obligation as required,
- Review the Contractors Monthly HSE report and provide the feedback and suggestion as required,
- Presence at the monthly progress meetings with the contractors,
- Lead the monthly HSE meeting with contractors,
- Prepare the monthly report on construction site monitoring findings and progress status
- Presence at all the key mission as required

2.2 Other Specific Responsibilities

- Ensure design and implementation of environmental monitoring programs for the dam/reservoir and transmission line components during consulting period.
- Establish/manage database system for environmental monitoring results, ensuring the data are regularly updated and analyzed.
- Propose and manage implementation of appropriate software tools, including GIS, for environmental monitoring.
- Contribute to develop environmental - sub plans together with international and national experts, prepare periodic schedule for implementation of mitigation activities and thoroughly monitor the activities and prepare report with recommendations.
- Closely work with the contractor's environmental officers, collect information and update consolidated environment plan (CEMP).
- Coordinate with the Social Management Unit of THP for effective implementation of the environment management plan-sub plans.
- Perform any other activities assigned by the Deputy Team Leader/ESMSP.

3. Qualification, Experience and Competencies

- Master's Degree in environmental engineering/science having more than 15 years of general experience. 10 years of experience in environmental management of development project and 5 years in environmental monitoring of the development projects. She/he shall be experience in analysing and interpreting data for better planning reporting and learning.
- Sound knowledge of rules and regulation of Government of Nepal related to the environment management and ADB environment safeguard policy.
- Good interpersonal skills, networking and ability to work in a multi-disciplinary team and facilitate the working of other team members;
- Excellent communications skills - spoken and written, both in English and Nepali and possess good report writing skills.
- Proficiency with MS Office Suite and computerized software.