



**Kathmandu
University**
School of Engineering
**Energize Nepal
Project**



Terms of Reference
For
Review of EnergizeNepal Project (ENEP)

Introduction/ Background

Energize Nepal Project (ENEP) is established to accelerate the development of Nepalese hydropower and other renewable energy systems, develop new and innovative technologies to reduce cost, increase efficiency contextual to Nepalese conditions, enhance human resource development to carry out research as well as effectively apply research results to solve challenges of hydropower and other renewable energy development in Nepal.

ENEP is supporting research-based industrial development in Nepal. It provides financial support to collaborative R&D projects related to Renewable Energy Technology (RET), planned and implemented by R&D institutions in Nepal in cooperation with local industries and Norwegian institutions and industries.

The Project is funded by The Norwegian Ministry of Foreign Affairs (MFA) and is managed by Kathmandu University (KU), Nepal, in partnership with Hydro Lab Nepal, NTNU, Norway and SINTEF, Norway.

ENEP promotes and supports development of new and innovative technologies through research and support development of physical facilities and human competencies to carry out the research as well as subsequent commercialization of these technologies through institute-industry partnership, wide ranging stakeholder collaboration and by also supporting business incubation.

Objective

The objective of the assignment is to comprehensively assess the Energize Nepal Project and its components by emphasizing in its cross cutting issue, risk and its financial and technical status and also develop the detail report of the overall assessment.

Scope of Work

The scope of work of the assignment will be but not limited to the following.

- Assess the level of technical progress of EnergizeNepal and its components¹ analyzing its relevance with the funding objective of Energize Nepal. Suggest for the strategies and way out for the effectively and timely completion of the project.
- Analyze the financial status of EnergizeNepal project, i.e. project budget vs expenditure. Suggest for the strategies for effective fund utilization in relation with project outcomes. Provide the approximate vision of its financial status of next five years.
- Assess the 4 crossing cutting issues² of the project on 'NO HARM APPROACH'. Develop contextual strategies to address the issues.
- Assess the overall risk³ of EnergizeNepal Project and its components. Trace the possible relevance of previous risks, trace newly born risks and provide mitigating strategies to reduce the risk.

Deliverables

- Project assessment report including the following chapters
 - o Assessment of technical and financial progress
 - o Assessment of cross cutting issues on no harm approach
 - o Assessment of project risks
- Recommended strategies to maintain each of the mentioned themes

Budget

- Rs Three hundred thousand only (Rs. 300,000.00 only), including all the taxes.

Disbursement

1st installment after signing of contract: 30 % of the contract amount

2nd installment after submission of draft report: 50 % of the contract amount

3rd installment after approval of final report: 20 % of the contract amount

Timeline

- Duration of the assessment is two months expected to be started from 1st October 2018 with no further time extension.

¹ Hydro Lab Pvt. Ltd., Turbine Testing Lab and Renewable Nepal II Projects (4 Projects)

² Human Right, Transparency, Gender Equality & Social Inclusion, and Climate &Environment

³ Risks during proposal development is available