

PRE-FISIBILITY STUDY REPORT

of

..... Kholā Micro/Mini Hydro Subproject,
..... Rural Municipality/Municipality, District
..... kW, HH

Submitted to:

Alternative Energy Promotion Centre
Mini Grid Energy Access Project
Khumaltar, Kathmandu

Submitted by:

..... (*Name of consulting Company/Firm*).....
Address
Email Address, Telephone No.

(Date)

Table of Contents for Pre-Feasibility Study Report of Micro/Mini Hydro Subproject

GENERAL

- i. Salient Features
- ii. Executive Summary
- iii. Table of Contents
- iv. Acronyms and Abbreviations

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1. Introduction
2. Objective
3. Methodology
4. Scope of the work and limitations
5. General project descriptions
- 5.1 Location and accessibility
 - ◆ Mention Coordinate of the main components of the Subproject
 - ◆ Route to reach project site, tentative distance in km and transportation facilities etc.
 - ◆ Settlement pattern and load centers
- 5.2 Topography
- 5.3 Climate and vegetation
- 5.4 Hydrology existing water use pattern
- 5.5 Energy use pattern, highlighting the present situation
- 5.6 Existing infrastructures
- 5.7 Socio-economic condition
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- 6 Plant size and power requirements
 - ◆ Power calculation
- 7 Potential End-Uses
 - ◆ Existing and possible / otential end-uses
- 7.6 Tentative financial sources
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 - ◆ Others, If any?
6. Conclusions and Recommendations
7. Format for Pre-Feasibility Study of Mini/Micro Hydro Subproject prescribed by AEPC
8. Drawings (Hand Sketch)
 - ◆ General Layout of the project

9. Photographs
- ◆ Meeting with Users/Community People, Local Government (Rural Municipality /Municipality)
 - ◆ Water measurement at proposed intake site
 - ◆ Proposed intake area
 - ◆ Surveying (Measuring head)
 - ◆ Proposed power house location
 - ◆ Load centre, etc.

Required documents along with Pre-Feasibility Study Report of M/MHP

- ◆ Expression of Interest (EoI)
- ◆ Demand Form for Micro/Mini Hydro Subproject
- ◆ Pre-Feasibility Study Format of Mini/Micro Hydro Subproject
- ◆ Pre-Feasibility Study Report as of Table of Contents (ToC) for PFS of Micro-Mini Hydro Subproject provided by AEPC
- ◆ Recommendation Letter of Local government

Note: Follow AEPC Guideline as below.

- 1) For Micro Hydro Sub-Project ***“Guidelines for Detailed Feasibility Studies of Micro-Hydro Projects, 2018”***.
- 2) For Mini Hydro Sub-Project ***“Guidelines for Detailed Feasibility Studies of Mini Hydropower Projects, 2014”***.