



TERMS OF REFERENCE (TOR) FOR A SURVEY ON CLEAN AND MODERN ENERGY COOKING SOLUTIONS IN GREATER VIRUNGA LANDSCAPE (GVL).

1.0 BACKGROUND

Many communities across the world use biomass for cooking and other heating activities. Cooking using biomass has been reported to result in indoor air pollution contributing to over 3.2 million premature deaths each year.¹ In Uganda, biomass contributes over 90.5% of the primary energy consumed through firewood, charcoal and crop residues. Access to energy is still a key challenge with most households in Uganda resorting to use of inefficient open fires and 3 stone stoves. An evaluation of the Cooking Cultures and Practices in Rural Uganda by Nsamba, etal. (2021) revealed that the largest population of rural Ugandans still used the 3 stone stove and charcoal stove for cooking using forest firewood and charcoal as the biomass fuel.

As such the Energy Policy for Uganda (2023) underscores some of the issues facing the energy sector e.g. low access to affordable, reliable, modern and clean energy due to low uptake to modern forms of energy.

2.0 INTRODUCTION AND RATIONALE

Noting that over 90.5 percent of the population use biomass as an energy source and less than 6% has access to clean cooking, this has increased the pressure on natural resources such as forests, which are in turn depleted so as to meet the energy demand.

To reduce the high dependency on biomass, Uganda energy policy (2023) provides for increasing uptake of modern forms of energy. The policy promotes clean and modern cooking solutions such as Liquefied petroleum gas (LPG), Biogas; Electricity; Solar and Ethanol but also acknowledges the challenges that limit the uptake of these technologies, such as the low awareness and appreciation of these new renewable energy resources.

¹ <https://cleancooking.org/wp-content/uploads/2022/08/Accelerating-Clean-Cooking-as-a-Nature-Based-Climate-Solution.pdf>

In a bid to enhance the involvement of local communities' participation in the energy discourse and put people at the centre of all clean cooking solutions in Greater Virunga Landscape, Environmental Management for Livelihood Improvement Bwaise Facility(EMLI) and Greater Virunga Landscape Multi-Stakeholder Climate Change Platform in collaboration with other networks such as Renewable Energy Civil Society Organizations (RECSO) Network and Uganda National Alliance on Clean Cooking with financial support from the Swedish International Development Cooperation Agency, (Sida) through the World Wide Fund for Nature – Uganda Country Office (WWF-UCO), intends to undertake a survey on clean and modern energy cooking solutions in the Greater Virunga Landscape, particularly in households located in three (3) districts: Kisoro, Mitooma and Rubirizi.

3.0 PURPOSE

The purpose of the survey is to provide a reliable and comprehensive baseline data and information on clean and modern energy cooking solutions on Greater Virunga Landscape (GVL).

Specifically, the survey aims to:

- 1) Generate adequate and reliable data and information on cooking solutions in Kisoro, Mitooma and Rubirizi;
- 2) Identify and profile existing clean cooking technologies and fuels;
- 3) Document public perceptions of and responses to new energy cooking technologies in the context of reliability, affordability and social-cultural aspects;
- 4) Identify issues for advocacy on clean cooking energy solutions.

4.0 OUTPUTS

- Inception report detailing your conceptualization of the assignment, methodology that will be used to undertake the assignment, survey tools or questionnaires, data sources among others
- Field data collection forms
- Preliminary findings report
- Final survey report on clean and modern energy cooking solutions in GVL (not more than 30 pages)
- A power point presentation (not more than 15 slides)

5.0 DURATION AND FEES

The assignment will be completed within twenty (20) days spread across a period of two (2) months from the time of contract award and signature. The fees shall be agreed on.

6.0 REPORTING

The consultant will primarily report to the Executive Director at EMLI. In undertaking this exercise, the consultant will be expected to liaise frequently with the key stakeholders especially, Renewable Energy Department under the Ministry of Energy and Mineral Development (MEMD), the Programme Managers at WWF-UCO, and the Steering Committee of the Greater Virunga Landscape Climate Change Multi-Stakeholder Platform.

7.0 COPYRIGHT

All materials / documents arising out of this consultancy work shall remain the property of EMLI.

8.0 REQUIRED EXPERIENCE AND KNOWLEDGE

The applicant should have a minimum of a bachelor's university degree in Energy, Economics, Environment and Natural Resources Management, or any other closely related field and at least 3 years' research in environment, climate change and renewable energy policy.

9.0 HOW TO APPLY:

Interested persons should submit the following documentation.

- Personal CV indicating past experience of similar assignments and 3 professional referees with valid contact addresses.
- Financial proposal for undertaking the assignment (lump sum or daily-rate)

EMLI is committed to paper smart policy and **accepts ONLY email application**. Application must be submitted to **emli.uganda@gmail.com** and with subject line "*Survey on clean and modern energy solutions in GVL*".

Only successful applicants will be contacted.

Applications should be submitted not later than **26 April 2024** before 5pm and expect to commence work by **6 May 2024**.

All enquiries should be addressed to:

Executive Director

Environmental Management for Livelihood Improvement Bwaise Facility (EMLI) Plot 1725 bwaise-nabweru road, P.O. Box 3430 Kampala

Email: emli.uganda@gmail.com, Tel. +256 414 692 153
www.emliuganda.org