



REPUBLIC OF LIBERIA
ENVIRONMENT PROTECTION AGENCY

P.O. Box 4024
4th Street Sinkor, Tubman Boulevard,
1000 Monrovia, 10 Liberia



TERMS OF REFERENCE

Project Title: Mainstreaming Energy and Environment in Development Processes

Job Title	International Consultancy to Conduct Feasibility Study and Develop Integrated Tool to Transform Waste to Energy at Wein Town and New Cheesemanburg Landfills
Division/Department	ENERGY AND ENVIRONMENT PROJECT
Programme/Project Number	GEF ID number: 00061519
Location	Monrovia, Liberia
Reports to:	Energy and Environment Programme Coordinator
Expected Start Date of Assignment: April 1, 2019	Duration: 60 Days
Implementing Agency	Environmental Protection Agency of Liberia

BACKGROUND

The Environmental Protection Agency (EPA), with the statutory responsibility to regulate and manage the environments of the Republic of Liberia has received funding from the United Nations Development Program (UNDP) to conduct comprehensive feasibility studies at Wein Town and New Cheesemanburg Landfills and develop innovative and integrated tools for transformation of wastes into energy for both sites.

The EPA, through its National Energy Coordinating Unit, wishes to hire the consultancy of qualified individuals or firm to conduct feasibility studies of wastes management at both Wein Town and Cheesemanburg Landfills, assess feasibility of wastes transformation into energy using recent and innovative tools and techniques and develop a roll-out and management plan that will be utilized by the Government of Liberia and partners.

I. OBJECTIVE OF THE ASSIGNMENT

The general objective of this consultancy is to conduct a feasibility study and develop a waste management plan and design to transform wastes to energy at Wein Town and the newly established Cheesemanburg Landfill

II. SCOPE OF WORK

The International consultant shall apply h/her technical expertise to develop a solid waste management plan for all sectors dealing with waste in Liberia considering:

- a) The present collection and disposal method;
- b) Possibility of transforming waste to energy in both Wein town and the new Cheesemanburg landfills;
- c) to undertake a scoping exercise to determine wastes generated (organic and non-organic) at both sites (Wein Town and Cheesemanburg);
- d) Provide baseline information on the environmental threats that local communities are exposed to, design innovative wastes management tool/technique that consider transforming wastes to energy.
- e) The innovative approach should consider Energy from Wastes (EfW) or the likes approaches used in developing countries.
- f) The scoping exercise will be conducted through sites visits to both sites, review of literature, discussions with key informants/stakeholders, and review of existing documents, and developing wastes management tool that can be integrated.

III. EXPECTED OUTPUTS

The following outputs are expected from this assessment which will be produced in the form of a written document:

Report from scoping exercise from Wein Town and Cheesemanburg Landfills.

Report on initial design of innovative approach to transform wastes to energy for both sites.

A draft framework/strategy for transforming wastes to energy at both sites that includes the following:

Innovative approaches to transform wastes to energy for both sites;

cost analysis for implementation;

resource mobilization plan;

IV. DURATION OF ASSIGNMENT

The consultant is expected to complete the assignment within 60 working days stretched over a period of 2 months from the date of signing the contract

REQUIRED COMPETENCIES

V. QUALIFICATIONS

Relevant post-graduate (Master of PhD) degree is required in Environmental Studies, International Development, or other related fields

At least 5 years of relevant experience in carrying out high level analytical work on policy development; past experience working for the EPA in similar capacities is a plus;

Strong and proven research and analytical skills;

Strong knowledge of environmental risk and mitigation measures in Liberia;

In-depth understanding of the wastes management situation in Liberia;

Ability to organize his/her work independently, but also to work as part of a team;

Proven ability to deliver quality output work under tight deadlines and on time;

Excellent command of written and spoken English

OTHER SKILLS

- Excellent team player with good interpersonal skills;
- Ability to manage workload and staffs;
- Ability to work under pressure and tight deadlines;
- Ability to work in a multi-cultural environment;
- Ability to effectively communicate orally and in writing English in order to communicate complex, technical information to technical and general audiences.

SUBMISSION OF APPLICATIONS

Interested candidates should send a one-page cover letter- expression of interest (EOI), indicating suitability for the post, as well as a CV and Technical and Financial Proposal to Environmental Protection Agency. All interested candidates are to address their letter of applications and curriculum vitae to the below address:

ATTENTION:

Human Resource Manager

Human Resource Department

Environmental Protection Agency

4th Street, Sinkor

Monrovia, Liberia

Or through email (eduncan@epa.gov.lr), indicating in subject area “Application for International Consultant Conduct Feasibility Study and Develop Integrated Tool to Transform Wastes to Energy at Wein Town and New Cheesemanburg Landfills.” Closing date for applications is **4:00 PM, March 20, 2019** Any application submitted after this deadline will not be given consideration. **Only short-listed candidates whose applications correspond to the above criteria will be accepted for evaluation.**

NOTE: This information is also posted on the below website:

- www.emansion.gov.lr
- www.epa.gov.lr