



INDIVIDUAL CONSULTANT PROCUREMENT NOTICE

Title of consultancy: Individual Consultant (IC) to Develop Environmental Management Plan (EMP) for the Botswana Meat Commission (BMC) Medium Scale Biogas Digester Plant at Lobatse Abattoir

COUNTRY: Botswana

DESCRIPTION OF ASSIGNMENT: The overall objective of this consultancy is to develop Environmental Management Plan for the Botswana Meat Commission (BMC) Medium Scale Biogas Digester Plant at Lobatse abattoir

PROJECT NAME: Promoting the Production and Utilization of Biogas from Agro-Waste in South Eastern Botswana

PERIOD OF ASSIGNMENT/SERVICES: Not to exceed four (4) months

1. BACKGROUND

The Government of Botswana (GoB), through the Department of Energy (DOE), in collaboration with the United Nations Development Programme (UNDP) are implementing a project titled “Promoting production and utilization of Biogas from Agro-waste in South-Eastern Botswana (Biogas Project)”. The Biogas Project seeks to facilitate low-carbon investments in the production and utilization of biogas from agro-waste in the districts of South-eastern Botswana. The project aims to assist Government of Botswana through three project components:

1. Institutional strengthening and capacity development;
2. Facilitation and establishment of biogas plants; and
3. Setting up of utilization and knowledge platforms.

In support of the above components and the desire to transition to greener technologies, the Botswana Meat Commission (BMC) has expressed desire to construct a medium scale biogas digester. BMC recognizes the need to respond to environmental challenges brought about by their operation processes. The commission produces high volumes of dissolved fat that ultimately ends up in the effluent ponds as coagulated fat residue. The fat residue has to be removed on an annual basis and the process cost the Commission approximately P1.5m. This process, however, does not entirely address the problem as fat remnants still ends up un-processed in the environment. The current measures implemented by BMC in efforts to eliminate fats from the plant effluent have not been

successful in reducing the amount of dissolved fats entering the effluent ponds or address the main environmental challenge faced by BMC. A feasibility study conducted (January 2019) recommended that construction and installation of a medium scale biogas digester would be a viable and favorable option to address both the environmental issues and improve energy security at the BMC Lobatse abattoir. To further inform decision making the Department of Environmental Affairs recommended that a detailed and thorough Environmental Management Plan be developed in accordance with EIA Act of 2010 and EIA Regulations of 2012.

DETAILED TERMS OF REFERENCE and instructions to bidders should be obtained from:
<https://www.bw.undp.org/content/botswana/en/home/procurement.html>

2. SUBMISSION REQUIREMENTS

Proposals should be submitted in a sealed envelope clearly labelled:

“Individual Consultant (IC) to Develop Environmental Management Plan (EMP) for the Botswana Meat Commission (BMC) Medium Scale Biogas Digester Plant at Lobatse Abattoir”

and be submitted to:

The Resident Representative
United Nations Development Programme
P.O. Box 54
Gaborone, Botswana

OR by email to procurement.bw@undp.org

- 3. SUBMISSION DATE:** Proposals should be submitted to the address above no later than **12.00 Noon Botswana Time** on the **23rd June 2020**
- 4. REQUEST FOR CLARIFICATION:** Any request for clarification must be sent in writing, or by standard electronic communication to enquiries.bw@undp.org UNDP Botswana will respond in writing or by standard electronic mail and will send written copies of the response, including an explanation of the query without identifying the source of the inquiry to all prospective candidates.

NOTE: *Consultancy firms/companies interested in applying for this assignment are free to do so provided they submit a CV of only one qualified consultant and present its bid in a manner that would allow for evaluation of the bid in accordance with the evaluation criteria specified in these solicitation documents. That is, the experience required is that of the individual whose CV would have been submitted by the company rather than that of the company. In this regard, the company by submitting a CV is bidding as an individual bidder rather than a company/firm. Further, if the submitted bid wins, the ensuing contract will be between the UNDP and the company/firm, not the individual.*