



INDIVIDUAL CONSULTANT PROCUREMENT NOTICE

Title of consultancy: Individual Consultant (IC) to undertake Feasibility Study for Installation of a Solar PV System at Botswana Meat Commission (BMC) in Lobatse, Botswana
COUNTRY: Botswana

DESCRIPTION OF ASSIGNMENT: The main objective of the study is to conduct a thorough investigation to determine the feasibility/viability of utilization of solar photovoltaic (PV) system for electricity production at BMC Lobatse Plant. The study is required to assess in detail the potential for implementation of a solar PV system capable of feeding loads at the abattoir as well as feed-back electricity into the national electric grid

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

PERIOD OF ASSIGNMENT/SERVICES: Three months

1. BACKGROUND

The Botswana Meat Commission (BMC) abattoir, Lobatse Plant, is extremely vulnerable to frequent energy shocks because 100% of its primary energy requirements are met directly from the grid and other fossil fuels sources. The pressing need to significantly enhance BMC's energy independence and reduce greenhouse gas emissions is also recognized in the Botswana's Nationally Determined Contribution (2015) to the UNFCCC Paris Agreement. The Government of Botswana (GoB) intends to achieve an overall emissions reduction of 15% by 2030 and ensuring an addition of 25% of renewable energy into the country's energy mix. The BMC is also taking steps to play a key role in contributing to the set target. In considering the above, 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 South-Eastern Botswana. The project aims to assist the government through the following three components:

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

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 undertake Feasibility Study for Installation of a Solar PV System at Botswana Meat Commission (BMC) in Lobatse, Botswana

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 **16th 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.*