

TERMS OF REFERENCE
for

Local individual consultant to assist in elaboration of the requirements for procurement of design, supply and install of animal by-products processing facility

A. BACKGROUND

Moldova has received an Additional Financing (AF) from the International Development Association in the amount of US\$15.0 million for the Moldova Agriculture Competitiveness Project (MAC-P). The AF will be used for scaling up project activities under Component 1: *Enhancing Food Safety Management* aimed at strengthening human, institutional, and technical capacities of the country's food safety and quality management systems and ensuring regulatory and system compliance with sanitary and phytosanitary (SPS) standards on premium food export markets (primarily European Union [EU] and EU-aligned markets). To this end, the AF will finance a series of activities and investments aiming to establish a comprehensive, EU-compliant system for the management of animal by-products (ABPs) unintended for human consumption.

Following the recent adoption of the ABP Law in 2019, the Government has reached an agreement with the World Bank over a project to establish a comprehensive, EU-compliant system for the management of ABPs unintended for human consumption. A feasibility study for the construction of the Processing Unit for the Animal By-Products (ABPs) not intended for human consumption (UPSOA) has been developed with the support of the International Finance Corporation and officially presented in June 2022

The detailed report on the technical solution for ABP processing of cat. 1 and 2 in one line and cat. 3 in a separate line is under final stages of development. Additionally, the team of experts has provided an analysis for the construction of a Biogas Unit to generate alternative sources of heat and electricity to ensure the operability and sustainability of UPSOA. The raw material used for the operation of the biogas unit would be biodegradable waste and eventually cat. 3 by-products.

B. RATIONALE

Based on the results of the Feasibility Study (FS) and the option selected by the Government, it is planned to initiate the investment process of construction of ABP processing facility in the central part of the country (Criuleni district, at 40 km distance from the capital). FS has provided for description of equipment to be installed as well as for the general layout of the site, including flows of incoming and processed ABPs.

Taking into account the specifics of the procurement process for the processing facility, the Government has decided to follow design & build method - selection of single point of responsibility contractor, who will elaborate detailed design and will erect the facility, including responsibility to meet certain efficiency and production parameters.

It is envisaged that an international individual consultant will be hired to assist the Government with the elaboration of Requirements (based on FS as mentioned above) to become part of bidding documents for procurement of Design, Supply, and Installation of Plants as per the World Bank Standard Procurement Document (January 2021). Consequently, local consultant (engineer) will

be hired to assist the international consultant in regard to local construction laws, regulations and practices.

C. OBJECTIVES OF THE CONSULTANCY

The objective of the consultancy is to assist the international consultant to elaborate Section VII, Employer's Requirements for the bidding documents for procurement of Design, Supply, and Installation of Plants as per the World Bank Standard Procurement Document (January 2021), based on information from FS.

D. SPECIFIC TASKS

1. Interact with and assist international consultant to elaborate recommendations on possible technical solutions / technologies which could be used for processing of ABPs.
2. Based on information contained in FS as well as on the recommendations elaborated as per above, assist the international consultant to elaborate Section VII, Employer's Requirements for the bidding documents, including additional basic drawings, if necessary.
3. Assist at pre-bidding stage in providing responses to the requests for clarifications from the bidders in regard to local construction laws, regulations and practices.
4. Assist in evaluation of bids in regard to technical bids.
5. Assist the international consultant in elaboration of the Terms of Reference for supervision services for the above-mentioned design, supply and install contract.

E. EXPECTED DELIVERABLES

1. Analysis of FS and recommendations on possible technical solutions / technologies
2. Section VII, Employer's Requirements for the bidding documents.
3. Terms of reference for supervision services for design, supply and install contract.
4. Consultant's opinion and recommendation on technical bids

F. TIMING AND INPUT

The Consultant is planned to start its activity in October/November 2022 and will provide the services during period of not exceeding 12 months. Total time input is envisaged as 40 man/days.

G. REPORTING

The Consultant will be responsible for submission of the following reports:

- 1.** Inception report – will include the analysis of FS and recommendations on possible technical solutions / technologies.
- 2.** Section VII, Employer's Requirements for the bidding documents.
- 3.** Terms of reference for supervision services for design, supply and install contract
- 4.** Final report, including brief description of the services provided, answers to the requests for clarifications from the bidders, and Consultant's opinion and recommendation on technical bids.

All reports will be submitted in electronic format in English and Romanian language to CAPMU.

QUALIFICATION REQUIREMENTS

The tasks will be undertaken by a local individual consultant with the following qualifications:

- At least Bachelor's degree in engineering, Master's or PhD degree would be an advantage;
- At least 15 years of professional experience;
- At least 10 years of experience in industrial engineering;
- Successful experience in at least 1 project of construction industrial facilities
- Demonstrated knowledge of local construction laws, regulations and practices;
- Good command of Romanian and English language is mandatory.
- Previous experience in IFI-funded project would be an advantage.