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| **REPUBLIC OF UGANDA**  **MINISTRY OF AGRICULTURE**  **ANIMAL INDUSTRY & FISHERIES (MAAIF)** | **EUROPEAN UNION** |
| **DEVELOPING A MARKET – ORIENTED AND ENVIRONMENTALLY SUSTAINABLE BEEF MEAT INDUSTRY IN UGANDA PROJECT (MOBIP)**  **UG/FED 2018/ 397425** | |

**TERMS OF REFERENCE FOR A CONSULTANT TO DESIGN A MOVABLE SLAUGHTER FACILITY**

**Role:** Expert to design a movable slaughter facility suitable for the East African, and specifically Ugandan, context and production characteristics to support beef industry development and increase access of small holders to markets

**Report to:**

Functional Reporting: National Project Coordinator (MOBIP)

Administrative Reporting: National Project Coordinator (MOBIP)

**Salary:**

**Job Type:** Contract

**Duration:** 15 working days

**Location**: Directorate of Animal Resources (DAR), Ministry of Agriculture, Animal Industry and Fisheries (MAAIF), Entebbe, Uganda

**Role Definition:**

The consultant (recruited by MOPIB/MAAIF under the Multi Annual Programme Estimate (MAPE)), will be providing a generic description of a movable slaughter unit (MSU), operational procedures for this unit, an estimate of construction costs, a cost-benefit analysis relating to its operation, docking requirements, and a specific design description.

The specific objective of the Consultancy is to design an MSU suitable for the Ugandan and East African context, which can be constructed as a pilot, but has the potential for scale-up and commercialisation. The design and operation should allow processed carcases to meet internationally accepted slaughter facility and meat hygiene standards.

The consultant will provide a range of technical services necessary for the execution and management of MSU design. These will include, but are not limited to:

1. Technical design, including costs, for a moveable slaughter unit with fully equipped and technologically completed sections that can operate as a standalone unit. It should be able to handle all cattle slaughter operations from stunning to sectioning, and eventual cooling/storage. It must be compliant to international standards. It should be able to handle 25 – 40 heads per day and provide for effective effluent and green offal management. The Unit should be able to provide for slaughtering, dressing, cooling and a refrigeration area.
2. The design should take care of the physical environment in the remote areas in which it will be requested to operate and the main physical characteristics of the local breed (Long horned Ankole).
3. Design and minimum requirements for “docking stations” onto which the mobile unit will be connected e.g. holding pens, electricity and water supplies, drainage facilities, etc.
4. An operations manual for the unit.
5. A cost-benefit analysis relating to operation of the unit.

**Key Result Areas:**

1. MSU design, including costs
2. MSU acceptable in terms of Uganda regulations, international standards, environment considerations and livestock characteristics.
3. Docking station requirements for the MSU, including design and costs
4. An operations manual for the MSU
5. A cost-benefit analysis for the MSU

**Key Outputs:**

1. MSU Design – including costs

(This should be presented as 3D motion to illustrate operation and structures)

1. MSU operations manual
2. MSU cost-benefit analysis

**Required Educational Qualifications:**

1. First degree in civil engineering, agricultural engineering or similar
2. Master’s degree and/or post graduate qualifications in agricultural engineering is an advantage

**Experience:**

1. At least ten (10) years of proven working experience in the agricultural engineering in Uganda.
2. Proven working experience agricultural construction and design. Specific reference to slaughter facilities and meat processing units is an advantage.
3. Knowledge of livestock industry infrastructures and operations and management would be an advantage
4. Good knowledge of Uganda and socio-political context.

**Character:**

1. High level of integrity
2. Proven track record of outstanding performance
3. Ability to work as part of a team
4. Critical and strategic problem solving
5. Fluent in English with excellent oral and written communication skills
6. Ability to deliver accurate results in a timely manner and in an environment with multiple and challenging tasks

Signed of:

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Dr Mary Concepta Mbabazi

National Project Coordinator - MOBIP