

# **A consultancy for the development of a prototype regional Livestock Identification and Traceability System (LITS) generic database in the IGAD region**

## **Terms of reference**

Duty Station:	Home-based
Deadline for the Applications:	21th October 2016
Contract post level:	Short term
Starting date:	November 1st
Duration:	3 months

### **Background**

Livestock identification and traceability is currently an emerging system being used by both the exporting and importing countries to boost public health, food safety and trade in live livestock and livestock products. To successfully protect public health, food safety and contain or respond to an outbreak of an infectious animal disease, a system for identifying and tracking animals is a pre-requisite. To be effective, a LITS system requires two basic components; an identification system (for example brands, marks or a device) and a system that tracks an animal, or group of animals, along the value chain to the final destination. It is only when these components are all put together that a LITS system becomes functional and it is, therefore, imperative that the IGAD region strengthens efforts of disease prevention and control and finds ways of enhancing and sustaining livestock-based trade and its benefits.

To strengthen application, the region has proposed anchoring LITS in the public competent authority that would be in charge of implementing LITS in a country, in addition to creation of required awareness and advocacy in that country.

The main challenge currently facing the IGAD member states (MS) is the recurrent restriction and prohibition of live animals, meat and livestock product to lucrative, high value markets such as the Gulf and MENA countries that pay a significant premium for both live animals and meat. This, undoubtedly, provides an incentive for IGAD region to ensure LITS systems are established and institutionalized. Markets that import livestock or livestock products are increasingly requesting that the health status of animals are known, making it a pre-requisite for exporting countries to implement an effective animal identification and traceability system. For the IGAD MS, the system should be implemented in a cost effective way and in such a way that it adapts the management and animal production systems that are currently in place.

To have effective and functional LITS, it requires a number of components to be put together, and a data base is critical for animal identification and movement monitoring of an animal or a group of animals along the value chain to the final destination.

The livestock Industry, and especially pastoralists, in developing countries will support a LITS system if it can clearly demonstrate that there is a direct benefit to their livelihood. For example, if it can be demonstrated that a LITS will boost intra and inter regional livestock trade, mitigate cattle rustling, and facilitate and support vaccination programmes, the potential added financial value accrued per animal will encourage government to appreciate the significant role of a LITS.

The regional meeting organized by IGAD/ICPALD for LITS national focal points held in Addis Ababa in June 23, 2016, recommended the development of a regional LITS generic database, as the cost to establish and run sustainably a LITs data base by each member state is reported to be high. ICPALD, therefore, through the STSD project, plans to hire an experienced firm to develop a prototype in consultation with LITs stakeholders including national ministries and regional organizations and partners.

**The specific objectives are:**

- Develop a prototype regional generic database
- Present and test the regional generic database
- Validate the generic database with IGAD and member states LITs teams

**Proposed methodology and approach**

The firm shall provide clear indicative approach and methodology for the for development and testing of the regional generic data base including:

- Timeline to review relevant available data, software or/and documents regarding challenges; lessons and benefits in the context of the assignment
- Timeline for meeting relevant government institutions, regulatory bodies and other stakeholders;
- Time line for analyzing, making prototype for validation

the Firm will develop and submit an inception report and timetable before the commencement of the assignment. Once the inception report has been discussed and accepted, ICPALD will help the firm to implement the agreed inception report.

**Requirement for the assignment**

The firm expected to submit technical and financial proposal to provide the above services in the objectives for evaluation

**Duration of the consultancy** :\_The assignment will commence from November 01 or (immediately after signature of the contract) for 3 months.

**Expected outputs and deliverables**

- A comprehensive inception report, including the methodology and data collection tools and the work plan;
- A presentation of the draft prototype and
- Submission of a validated prototype of a regional generic database

**Qualification and skills**

- A consultancy firm with a team embracing of a master degree or equivalent in IT and Animal breeding or animal health with relevant experience in development and management of database software used for LITS application/implementation, livestock trade and with desired experience in public and private partnership. Having a relevant PhD is an added advantage
- Each expertise above to have at least 10 years experience in data base development and application
- Strong analytical skills;
- Excellent communication skills and fluent in English.

**General professional experience**

- Proven experience in programming and policy level influence;
- Experience in conducting and facilitating dialogue with national and regional ministries and organisations;

**Reporting and payment**

The payment will be based on the execution and terms of payment, as per the contract signed by the two parties, and subject to clearance by ICPALD. Air tickets and daily subsistence allowance (DSA), during field missions, will be covered upon approval of travel schedules.

**Applications**

Interested firms are requested to submit their applications, companied with detailed CVs, copies of both academic and professional certificates and testimonials, names and addresses of

three reputable referees, contact details (emails, telephones), to rose.tsuma@igad.int, copied to agol.kwai@igad.int and ameha.sebsibe@igad.int not later than Oct 21, 2016. IGAD/ICPALD shall only respond to the short-listed candidates.