



Terms of reference for consultant to

Prepare tailored training manual and conduct training for resilience enhancing innovative technologies, good practices and investments on fodder and fodder seed production for selected private sector and regulatory authorities- Karamoja and Mandera clusters

Duty Station:	ICPALD with travel to training venue
Type of Contract:	Individual
Contract post level:	Short term
Starting date:	non-continuous 25 days spread for 3 months

1.0 Introduction

The Intergovernmental Authority on Development (IGAD) member countries (Djibouti, Ethiopia, Kenya, Somalia, South Sudan, the Sudan and Uganda) are home to over 532 heads of livestock of which 360 million are ruminants (cattle, sheep, goats and camels) (FAOSTAT 2013). The region's landmass is composed of about 60 - 70% Arid and Semi-arid Lands (ASALs) that are characterized by low erratic rainfall, traditionally used and managed by pastoralists through communal or common property rights-based land tenure systems. The majority of the population of ASALs depend on pastoralism, agropastoralism, extensive livestock rearing, for subsistence and livelihood earning. However, the livestock sector suffers from severe effects of climate change that has contributed to increased frequency of drought since the last decade. Inadequate water management technologies and practices, inefficient water harvesting facilities, erratic and unpredictable rainfall patterns, and high ambient temperatures have aggravated the situation. Their consequences include shortage in water and pasture/ fodder and animal feed, resulting in high incidence of losses through mortality and reduced production/ productivity. This has subjected pastoralists to increased mobility with their livestock in search of water, fodder and animal feed during the long periods of scarcity. Moreover, often animals lose the weight gained during the good seasons and take longer time to attain market weight; this also contributed to the inconsistent supply of marketable animals for export markets such that some export abattoirs perform below 50% of their capacity.

Stable supply of fodder and animal feed will improve the region's great potential of exporting quality live animals and meat to Middle East and North Africa (MENA) countries and other African countries. In 2018, over 10 million live animals and 41,500 MT of meat were exported . This met 50% and less than 10% of live animals and meat demand respectively of MENA countries. Investing in innovative resilience-enhancing technologies and practices in fodder and animal feed will be handy to ensure quality supply of livestock in sustainable manner.

In year one of IGAD Drought Disaster Resilience and Sustainability Initiative (IDDRSI) Implementation Letter (IL) titled; Building Resilient Market Systems in the Cross-border Drylands

of the IGAD Region funded by USAID, various innovations and technologies were identified along fodder and fodder seed production in Karamoja cluster for subsequent scale-up in the two clusters. These included among others fodder production and conservation in form of hay, briquettes, crop residues, fodder seed multiplication and harvesting, processing of multinutrient animal feed blocks utilizing locally available raw materials including *Prosopis Juliflora* and acacia pods to ensure year round availability of animal feed and fodder among others. These results built on the findings and achievements of the IGAD FAO PP, the EU-funded Support for Effective Cooperation and Coordination of the Cross-border Initiatives in Southwest Ethiopia-Northwest Kenya, Marsabit-Borana and Dawa, and Kenya-Somalia-Ethiopia (SECCCI) Project and the Sweden-funded Strengthening the Coordination and Implementation of IDDRSI (SCII) project, on the identification and promotion of appropriate innovative technologies and practices for agricultural trade in the cross-border communities in Karamoja and Mandera clusters.

Building on the achievement of the year one of the ““Building Resilient Market Systems in the Cross-border Drylands of the IGAD Region” the consultant will develop tailored training manual that promote scale-up of identified innovations and technologies on fodder and fodder seed production as well as provide training for identified private sector and regulatory authorities from Karamoja and Mandera clusters.

2.0 Scope of work

1. Draft and submit the scope of work report detailing clear understanding of the assignment including work plan and clear milestones of assignment delivery
2. Develop tailored training manual highlighting: available innovations and technologies and success stories both in rangelands and highlands on
 - a. Commercial fodder/ hay production- rainfed and irrigation
 - b. Fodder harvesting, conservation and marketing
 - c. Fodder seed multiplication, storage, fortified feed production and marketing
 - d. Value added products along the fodder value chain
 - e. Business model- cost benefit analysis
3. Draft the outline of the training manual with recommendations or pathways of integrating or facilitating uptake of the manual into the member states agricultural systems
4. Conduct training of selected participants using the developed training manual cleared by ICPALD
5. Draft the training report

2.1 Expected output

1. Scope of work report accepted by ICPALD
2. Tailored training manual submitted to ICPALD
3. Training report

3.0 REQUIREMENTS

3.1 Qualifications and skills

•Master degree or equivalent in animal production Feed resources with relevant experience in livestock production systems, economics and livestock trade complemented by adequate experience in livestock marketing systems as well as training of adult learners

- Knowledge and experience of using participatory approaches for training,
- Strong analytical skills,
- Excellent communication skills and fluent in English.

3.2 General professional experience

- Knowledge and experience of the region and working areas
- A proven successful record of accomplishment in developing strategies, trainings and policies
- Proven experience in programming and private sector investment,
- Proven experience in engaging the private sector for investment
- Proven experience in community mobilization for participation in projects development
- Knowledge in simple business skills

3.3 Specific professional experience

- At least 10 years work experience in livestock development particularly in feed resource management , livestock production, and livestock trade
- Knowledge of public-private partnership approaches in service delivery and investment,

4.0 Duration

The Consultancy will be for a total of twenty five (25) man-days on when actually employed basis spread over three months.

5.0 Payment terms

The applicable daily rate will be dependent on the qualifications and experience of the appointed consultant. The consultant will be responsible for all government taxes and levies arising from this assignment.

Output/ activity completed	Payment in percent of the contract amount	Estimated date of completion
Signing of contract and inception report	20%	Inception report within 10 days of signing the contract
Initial draft when accepted	40%	Within two months of signing the contract
A final report including validation workshop proceeding	40%	Within one month after receiving comment on draft report

6.0 Travel outside duty station

Air tickets and Daily Subsistence Allowance (DSA) will be covered for field work upon approval of travel schedules.

7.0 Insurance cover

The consultant will be responsible for his/her own medical and life insurance cover for the duration of the assignment.

8.0 Final Report will be Submitted to:

Dr. Ameha Sebsibe, Head, Livestock and Fisheries IGAD Centre for Pastoral Area and Livestock Development (ICPALD), Kabete Veterinary Laboratories, Off Kapenguria Road, ameha.sebsibe@igad.int Telephone: +254 202573743 (office)

Applications:

Interested candidates should submit their applications accompanied by a detailed CV, copies of both academic and professional certificates and testimonials, names and addresses of three reputable referees, contact details (e-mail, telephone) should be sent by email to beverlyne.nyanchera@igad.int with cc to ameha.sebsibe@igad.int, wamalwa.kinyanjui@igad.int. procurement@igad.int. All applications should be received not later than 9th December 2021.

IGAD shall only respond to shortlisted candidates