



IGAD Center for Pastoral Areas and Livestock Development (ICPALD),

Consultancy to identify fodder technologies; and forage seed status and needs in the clusters

Terms of Reference (ToR)

Background

The Intergovernmental Authority on Development (IGAD) member countries (Djibouti, Ethiopia, Kenya, Somalia, South Sudan, Sudan and Uganda) are home to over 532 heads of livestock, of which 360 million are ruminants (cattle, sheep, goats and camels) (IGAD 2017). The region's landmass comprises about 60 - 70% Arid and Semi-arid Lands (ASALs) that is characterised 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, and extensive livestock rearing for subsistence and livelihood earning. However, the livestock sector suffers from severe effects of climate change that have increased the frequency of drought since the last decade. The situation has been aggravated by inadequate forage and water due to inadequate application of modern technologies for forage and forage seed production, inefficient water harvesting technologies, erratic and unpredictable rainfall patterns, and high ambient temperatures. Their consequences include a shortage in water and pasture/ fodder and animal feed, resulting in a high incidence of livestock losses through mortality and reduced production/ productivity. This has subjected pastoralists to frequent movements with their livestock in search of water, fodder and animal feed during long periods of scarcity.

The IGAD Centre for Pastoral Areas and Livestock Development (ICPALD) was established in July 2012 as an IGAD Specialized Institution mandated to "promote and facilitate sustainable and equitable drylands and livestock development in the IGAD region." ICPALD provides a platform for regional cooperation and coordination in drylands, pastoralism, and livestock development to fulfil its mandate. ICPALD thrusts in the improvement of animal health, production and marketing, enhanced dryland production and pastoralism, including value-added alternative livelihood products from non-wood rangeland products (NWRP) and artisanal minerals (in areas of production) with the aim of bringing positive impacts on food and economic security, especially in rural pastoral populations. Regional cooperation and coordination of actions based on evidence of risks to shared resources, animal feed security, climate change adaptation and mitigation, animal health, and the evaluation of other factors of production and consumption remain the principal means of achieving these benefits.

About the Program to Build Resilience for Food and Nutrition Security in the Horn of Africa (BREFONS)

IGAD has secured funding from African Development Bank (AfDB) for BREFONS Program. The objective of the Program is to build resilience for food and nutrition security whilst contributing to improved living conditions - particularly for women and youth, increasing resilience to the effects of climate change. This regional component is part of the regional



investment operation, which will be implemented in five countries: Djibouti, Ethiopia, Kenya, Somalia, and South Sudan. The Program is expected to (i) increase the productivity of agro-pastoral production systems, (ii) increase incomes from agro-pastoral value chains, and (iii) enhance the adaptive capacity of the people to better prepare for and manage climate change risks and variation. The Project will provide a regional approach in order to bring an integrated package of interventions to build resilience in target communities within the six beneficiary-countries.

Under Outcome 1, Increased Resilience of Agro-pastoral Production System, ICPALD will undertake three main actions that will result in the promotion of Sustainable Management of Agro-pastoral Lands: 1) Operationalization of the IGAD Regional rangeland management strategic framework 2) Operationalisation of cross-border MOU signed by Ministers to enhance TADs and Zoonosis control in cross-border areas 3) Enhancing the competitiveness of livestock value chains in the IGAD Region through compliance with SPS measures and market research under AfCFTA.

The animal feed insecurity situation (amount and quality) in the ASALs is a major problem affecting livestock production, quality, and trade, even though some areas may have the capacity to produce large quantities of forage and forage seed if modern technology and innovations are practised. These may include fodder/ pasture production under irrigation, zai pits and half-moon soil bands, forage seed multiplication on designated plots, land enclosures, seed harvesting, and preservation. Fodder in this context covers forage, hay ; silage, and crop residues

Under sub component 1.3 BREFONS ; there is a provision to undertake an assessment of fodder technologies and forage seed status and needs in the clusters. IGAD is therefore seeking for a short-term consultant to document available fodder technologies and forage seed status and needs two IGAD clusters, namely, Ethiopia -Somalia and Karamoja cluster.

Consultancy tasks:

Identify and document fodder technologies that have been proven and forage seed status in identified clusters.

Specific tasks

The specific objectives for the incumbent will include:

1. Conduct desk review of fodder technologies and forage seed situations around the globe and Africa relevant to the IGAD region and in the IGAD region, available innovative resilience technologies and practices that can be promoted in identified clusters
2. Conduct situation analysis in the selected cluster and collect proven fodder technologies and forage seed status; harvesting and preservation practices covering areas of production, utilisation and marketing, with a potential for up-scaling. The technologies and practices shall cover those successful under- rainfed and irrigation management under commercial and smallholder management.
3. Review good practices on feed reserve elsewhere ; the status of Feed reserve in the IGAD region ; and advise how to feed reserve will be secured at three levels ; household ; national and cluster levels



4. Develop a draft assessment report with clear recommendations for interventions; and scale-up strategies
5. Facilitate a validation workshop to enrich and validate the assessment report

Expected output

1. Inception report with a clear understanding of the assignment, timeframe and questionnaire) accepted by ICPALD
2. Draft assessment report on fodder technologies; forage seed practices, and status and ; needs to be submitted to ICPALD
3. Validation workshop facilitated
4. Final report with clear areas of intervention

Consultancy Location and Office Accommodation

For desk review, the consultant will use his/her own office accommodation and facilities.

Equipment

The consultant will use her/his own computer/laptop and software for this work. The consultant is responsible for photocopying, telephone and Internet facilities while doing his/her fieldwork in the member states.

6. Consultancy Duration and fees

- The consultancy work shall start within five (5) days after the signing of the work contract with IGAD
- The consultancy is fixed at a maximum of 35 person-days spread over four months.
- Consultant(s) shall be responsible for all government taxes and levies

Qualifications

Education

Post-graduate Degree from a recognised institution in range management, Animal production agriculture or equivalent combination of training and experience.

Work Experience

- At least 10 years experience and knowledge in rangeland management research, fodder /forage production and development activities
- The incumbent should be familiar with the development of national policies and planning.
- Familiar with how extension services are undertaken- public and private under extensive systems in pastoral and agropastoral areas
- Proven experience in programming at the policy level
- Experience in conducting and facilitating dialogue with national, regional and international organisations
- Practical knowledge of the IGAD or East African member states will be an added advantage



Other Competencies

- Ability to conduct independent analyses, identify issues, formulate options and make conclusions and recommendations,
- Comprehensive understanding of rangeland management issues in pastoral areas
- Excellent skills and ability to articulate ideas in a clear and accurate manner, including the ability to prepare reports
- Command in oral and written English is essential
- Good interpersonal skills and ability to establish and maintain effective working relations

Selection Criteria

The selection criteria include education and work experiences (as described above), good track record in delivering assignments, the experience working in IGAD or East African region and familiarity with Pastoralism context and rangeland activities.

Reporting Requirements and Time Schedule for Deliverables

The Consultant will work under the direction and guidance of the Project Coordinator (PC)/ Head of the Livestock Department and Fisheries. The outputs indicated above will be approved by the PC, and any payment will be subject to this approval. The reports referenced herein will conform to a format approved by ICPLAD. All paper copies of the deliverables must be accompanied by electronic versions in the respective Microsoft Office application format (e.g.: MS Word for documents, MS Excel for spreadsheets), and all images shall be provided in an editable digital format (e.g. high, quality JPG or PNG).

Payment Schedule:

The applicable daily rate will be dependent on the qualifications and experience of the appointed consultant.

Output/ activity completed	Payment in percent of the contract amount	Estimated date of completion
The signing of contract and inception report		Inception report within ten days of signing the contract
Initial draft assessment report, when accepted	50%	Within two months of signing the contract
A final report including the validation workshop proceeding	50%	Within one month of receiving comments on draft report

Travel outside duty station (Home country)

Air tickets or road transport and Daily Subsistence Allowance (DSA) at the IGAD rate will be covered for field work upon approval of travel schedules.

Insurance cover

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



Report will be submitted to IGAD Centre for Pastoral Area and Livestock Development (ICPALD), Kabete Vet Lab, Kapenguria Road, P. O. Box 47824-00100, Nairobi, Kenya.

How To Apply

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) by email to: beverlyne.nyanchera@igad.int

All applications should be received not later than 14th May 2023

IGAD shall only respond to shortlisted candidates