



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

Terms of Reference (ToR)

Consultancy to conduct a study on the availability and distribution of different rangeland products and analysis of market opportunities for selected priority products in selected cross-border areas of the IGAD region

Background

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." To fulfil its mandate, ICPALD provides a platform for regional cooperation and coordination in drylands, pastoralism, and livestock development. 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.

Non-Wood Rangeland Products (NWRP)

Non-Wood rangeland Products (NWRP) can be defined as consisting of goods of biological origin other than wood, derived from trees/forests and other wooded lands in the rangelands¹. Whereas, rangelands refer to types of land within Arid and Semi-Arid Lands (ASALs) dominated by natural or semi-natural vegetation suitable for extensive livestock production and wildlife conservation, but are less suitable for arable farming due to climatic limitations such as scarce and unreliable rainfall, high evapo-transpiration, and poor soils².

In this assignment we extend the definition to include small artisanal mining happening in rangelands. They provide essential food and nutrition, medicine, fodder, wild fruits, minerals, etc which generate additional employment and income to rural populations as well as urban consumers. They include plants and plant materials used for food, fuel, storage and fodder, medicine, cottage and wrapping materials, biochemical, among others that have perceived economic or consumption value sufficient to encourage their collection and removal from the rangelands. Of great value in IGAD region include but not limited to gums, resins, aloe vera and essential oils; Indigenous fruits and related forest materials (wild fruits, spices, snack, wines etc); Ethno-medical, ethno-veterinary and ethno-botanical products (forest medicine) and Bee keeping and honey production among others³.

¹ FAO, 2003. Forestry outlook study for Africa: regional report for opportunities and challenges towards 2020. FAO Forestry Paper 141. FAO, Rome.

² IGAD 2019: Regional Rangeland Management Strategic Framework for Arid and Semi-Arid Lands in the IGAD Region

³ IGAD 2011: A Strategy for Production, Value Addition and Marketing of Products from Arid and Semi-Arid (ASAL) in the IGAD Region

⁴ AU-IBAR 2023: Regional Study Report on Sustainable Cross-Border Rangelands Resource Management



Commercialization of NWRP may have far reaching implications on pastoral livelihoods and the survival of some of the plants partly because most of the material comes from wild harvests and partly due to the fact that information on primary production, demography and growth characteristics is usually too limited to ascertain sustainable off-take levels and increased extraction tends to put pressure on the available stocks thereby threatening the species through over-harvesting.

The shared rangeland resources across the borders are well understood by the pastoral communities, local actors, local administration and service providers⁴. Accessibility to the spatially and temporally variable rangeland resources, and thriving co-existence between the pastoral communities are among the factors that call for conservation while deriving benefits.

Project Overview

Sustainable Ecosystem Management (SEM) for pastoralism in cross-border areas of the IGAD region is a three-year (2023- Dec 2025) project funded by the Swedish International Development Agency (SIDA). The project goal is to enhance the resilience of pastoralist and agro-pastoralist livelihoods through sustainable management and the use of shared rangelands in cross-border areas of the IGAD region.

Sustainable ecosystem management is the core of resilience building, especially for communities reliant on natural resources. In line with the IGAD Cluster-based approach, the project will be implemented in two IGAD cross-border areas (Kaabong/Kapoeta (Uganda-South Sudan) and Benishangul-Gumuz Region/ Blue Nile State (Ethiopia/ Sudan) addressing cross-cutting and regional issues for communities sharing resources. The intervention areas correspond to the shared ecosystem and transhumance routes.

SEM will be implemented by ICPALD in close collaboration and in partnership with the relevant government ministries, other civil society organizations, and with communities, with the ultimate aim of enhancing the resilience of pastoralist and agro-pastoralist livelihoods and thereby accelerating sustainable economic and social development for the poor and marginalized persons especially women and youth.

The Project would focus on the following five objectives:

1. To build knowledge and understanding about the status of shared rangelands in those border areas to support sustainable management,
2. To enhance feed and fodder availability for men and women pastoralists and agro-pastoralists through regulated use and management of shared rangelands in cross-border areas,
3. To diversify livelihoods for men and women pastoralists and agro-pastoralists through sustainable production and use of wild and domesticated rangelands products (gum and resin, Aloe vera, etc) and other enterprises,
4. To support research that informs sustainable rangeland ecosystem and pastoral resilience, and



5. To improve governance of transhumance routes and wildlife corridors in cross-border areas.

Purpose of studying rangeland products and markets

The study on the availability and distribution of different rangeland products and analysis of market opportunities for selected products will facilitate trade in wild and domesticated rangelands products such as fiber, gum and resins, fruits, honey, medicinal and food plants and minerals, among others that can be exploited as alternative livelihood earners by pastoralists, dropouts, youths, women and the elderly. Moreover, rangelands provide various services that include, scenic beauty, and habitat for wildlife that form the basis of ecotourism, in addition to hosting sacred sites that can be exploited once unravelled. Identification, exploitation and engagement in these different rangeland products meaningfully for trade will promote sustainable production, use and income generating activities for pastoralists, dropouts, women and youth, hence diversify their livelihoods - in the targeted cross-border areas of Kaabong/Kapoeta and Benishangul-Gumuz.

Scope of Work for the Consultant

The IGAD Centre for Pastoral Areas and Livestock Development (ICPALD) is seeking a highly qualified individual consultant under the SEM project to identify, map the distribution of different rangeland products in the target areas, including market analysis for priority products. This task will require conducting field surveys following established survey protocols. Identification of both floral-based products such as fiber, resins, gums, aloe vera, fruits etc., and faunal based products such as honey, bees wax, medicinal and food plants etc as well as minerals that have use and/or potential in one form or the other depending on a particular community. After identification and mapping, the task involves analysis of contribution to household livelihoods (for selected priority products) following established methodology with due consideration to gender aspect to its collection/production, processing, marketing and use. The field survey for the establishment of the wild and domesticated rangelands products (NWPPs) will be the targeted cross-border areas of Kaabong/Kapoeta and Benishangul-Gumuz/ Blue Nile using GIS application.

Specific Tasks and Responsibilities

- a. Draft brief inception report covering literature review on dryland livelihoods, presentation of understanding of the assignment and methodology (including data collection tools); tentative timeline and deliverable including an outline of the draft final study report
- b. Conduct desk review of existing documents including, policy, practice, strategy and similar studies on production, value addition and marketing of products from arid and semi-arid (ASAL) in the IGAD region;
- c. Conduct field visit to target cross border areas to conduct questionnaire survey, resource mapping, discussion with key institutions and stakeholders involved in exploitation of various rangeland products, rank them in prioritized manner,
- d. Identify and prioritize important rangeland products in the project site including broader distribution map, estimated quantity where applicable.;
- e. Undertake household livelihood analysis for the selected project area to understand the socio-economic contribution of alternative livelihood resources such as non-wood



rangeland products and artisanal mining and livestock in cross border areas of Ethiopia-Sudan and South Sudan –Uganda.

- f. Conduct market analysis for selected major products to identify current and potential market outlets including profitability/suitability,
- g. Identify any challenges including social, ecological and economic factors that limit maximum exploitation of the identified rangeland products and markets and make clear recommendations of how to improve
- h. Present the draft report for validation and further input at stakeholder workshop that will be organized by ICPALD
- i. Prepare draft regional policy brief based on the study results.

Deliverables

- a. An inception report detailing the approach to the assignment;
- b. Draft study finding report;
- c. Validation workshop report;
- d. Final draft report after validation workshop organized by ICPALD.

Qualifications, Competence, Skills and Knowledge

Academic Qualifications

- Post graduate degree (Master or above) in range management, natural resource ecology, resource economics.
- Background and understanding of mapping, household income and economic analysis are required.

Work Experience and Competencies

- Ten (10) years overall experience in the fields relevant to the assignment;
- Five (5) experience specific to fauna and flora ecological assemblages and household analysis;
- He/she should have a demonstrated experience in rangeland products particularly non wood and rangeland/forest products (ecology, mapping, household livelihoods and market analysis);
- Understanding of the IGAD region drylands and pastoral system.

Other Experience/ Knowledge / Abilities

- Self-starter with the ability to strategically plan to execute the work;
- Experience working with regional and international organization (s), including INGOs, academia, bilateral or multilateral agencies, UN agencies is desirable;
- Ability to effectively coordinate an extensive, multi-stakeholder project with results-based management;
- Strong interpersonal skills and ability to deal with technical and people management challenges.
- Verbal and written communication skills in English.

Consultancy Duration and Fees

- The consultancy work shall start within 10 (ten) days or less after the signing of the work contract with IGAD,



- The consultancy is fixed at a maximum of 35 person-day spread over a period of 4 months.

Consultancy Location and Office Accommodation

The consultant will work closely with assigned technical staff from ICPALD.

Equipment

The consultant will use his/her office accommodation and facilities. During the visit, the consultant will access photocopying, telephone and Internet facilities from ICPALD.

Reporting and Management of the Assignment

The Consultant will work under the direct supervision of the ICPALD Director and the Technical Team comprising of Livestock/ rangeland specialists. The outputs indicated above and adherence to the time schedule will be approved by the technical lead, and any payment will be subject to this approval by the Director. 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). All images shall be provided in an editable digital format (e.g., high-quality JPG or PNG), and all software submitted with source code.

Selection criteria

The selection criteria will base on relevant education background, work experience (as described above); good track record in delivering similar assignments and experience of working in the IGAD region.

Consultancy Duration and Payment Schedule

Output/ activity completed.	Payment in percent of the contract amount	Estimated date of completion
The signing of contract and approval of inception report;	15%	Approved inception report
Conduct desk review and field survey for different rangeland products and markets	60%	Approved draft report
Final study report and management plan approved by ICPALD responsible officer	25%	Approved Final draft report with draft policy brief

Insurance cover

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

**Taxes**

The consultant will be responsible for remitting his/her taxes.

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. Emails: dereje.wakjira@igad.int

Telephone: +254 202573743 (office).

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 15th June 2023

IGAD shall only respond to shortlisted candidates