



# KENYA AGRICULTURAL AND LIVESTOCK RESEARCH ORGANIZATION

## OPEN SECOND CALL FOR PROPOSALS

**Call Reference number:** KALRO/CS APP/ SGS2/2021

**Title of call:** Upscaling technologies developed by KALRO and partners to enhance agricultural productivity, value addition and income generation for smallholder farmers in Kenya

### Background

The Kenya Agricultural and Livestock Research Organization (KALRO) is the premier research organization, charged with the main mandate of promoting, streamlining, coordinating and regulating research in crops, livestock, genetic resources and biotechnology in Kenya. KALRO has received funding from the European Union to implement the AgriFI Kenya Climate Smart Agricultural Productivity Project (AgriFI CS APP), a five-year project under the AgriFI Development Programme. Part of the funds will be used to support dissemination of new and existing technologies through public-private partnerships (PPP) via competitive sub-grants. The key focus will be increased adoption of technologies thus enabling farmer integration into commodity value chains markets.

### The call

KALRO is now inviting interested entities and organizations working with small-holder farmers, pastoralists and fisher-folk to submit proposals to upscale and promote adoption of existing proven and climate smart technologies that have been developed by KALRO and its partners. Proposals that are innovative, need based and promote agribusiness along the value chain continuum from pre-production, production, processing, storage, trading, logistics and consumption have the highest chance of winning. It is expected that actions under this call will strengthen capacity of rural communities to access and adopt technologies and subsequently result in increased production, job creation and incomes.

Priority value chains and technologies for upscaling

- Lot 1: 4 new high nutrient rich and high yielding bean varieties- Angaza, Meta-meta, Nyota and Faida (developed at Kalro Katumani)
- Lot 2: 3 new high yielding green gram varieties - Ndengu Tosha, Biashara and Karemba (developed at Kalro Katumani)
- Lot 3: 2 new grain amaranth varieties - TerereSmart and KATGOLD – developed at Kalro Katumani
- Lot 4: 1 new white sorghum variety (KM 32 -1) for food and with high malting quality (developed at Kalro Katumani)
- Lot 5: 3 new cowpea varieties resistant to parasitic weeds- Tumaini, Tamu, Soko and Kat-Kunde (developed at KALRO Katumani)
- Lot 6: Integrated Pest Management (IPM) technologies for control of fruit fly and seed weevil in mangoes (developed at KALRO Kandara)
- Lot 7: Integrated Management technologies for control of pests and disease losses in Avocados (developed at KALRO Kandara)
- Lot 9: Improved fish rearing technologies – Developed at KMFRI Sagana
- Lot 10: Improved Small ruminant technologies to improve productivity – (developed at KALRO Marsabit and kiboko)
- Lot 11: 4 Grass ecotypes for pasture production, range reseeding and rehabilitation of degraded rangeland - *Cenchrus ciliaris*, *Chloris roxburghiana*, *Eragrostis superba*, *Rhodes grass* and *Enteropogon macrostachyus* – (developed at KALRO Kiboko)
- Lot 12: Improved camel management and production technologies (developed at KALRO Marsabit)
- Lot 13: Kalro improved indigenous chicken – (developed at KALRO Naivasha)

Detailed justification for the above value chains can be found at [www.kalro.org](http://www.kalro.org). KALRO and her partners will provide and backstop the technological packages for upscaling along the selected value chains. List and description of technological packages can be found at KALRO website: [www.kalro.org](http://www.kalro.org) and from the respective KALRO Institute/Centre.

Actions must take place in one or more of the 45 counties (excluding Nairobi and Mombasa) depending on the business case that will be made as per the call for Proposal guidelines. The target counties for each technology Lot (1-13) have been identified in the Cfp guidelines. Lot 8 is not available for this call.

### Eligible actions to be supported

- a) Initiatives that promote adoption of selected technologies by beneficiaries to improve agricultural productivity in the identified value chains and
- b) Initiatives that promote adoption of agribusiness processes directly linked to improving the integration of beneficiaries within the supply chain businesses and improve on their efficiencies

### Type of activities will include but not limited to:

- Mobilization of farmers and stakeholders for up-scaling of technologies
- Production of dissemination and extension materials
- Enhancement of farmer access to and use of production inputs and farm implements
- Production and multiplication of quality and adequate seeds of the released varieties and animal breeds
- Capacity building on production, management, postharvest management and collective marketing
- Organize beneficiaries in Common Interest Groups for production, value addition and marketing
- Creation of effective channels for farmers to access markets and credit facilities
- Dissemination of technologies through on-farm trials, demonstrations and field days
- Establishment, strengthening and operationalizing innovation platforms in specific value chains
- Enhancement of value addition, nutritional security and job creation in the specific product value chain
- Implement a market-led model for adaption and commercialization of the technologies along specific value chains
- Promotion of farmer to farmer learning exchange tours
- Promotion of sustainable natural resource management

### Expected outputs

- Output 1. Farmers adopt climate smart technologies for increased production and productivity
- Output 2. Farmers are linked to commodity markets and deriving economic benefits
- Output 3: Farmers have increased access to and use of production inputs

Output 4. Farmer have access to and derive services from financial institutions

### Expected outcomes

1. Adoption of new climate smart technologies in target value chains improved
2. Productivity (yield) and production of target value chains improved
3. Marketed share of production in target value chains improved

### Expected impacts

1. Incomes derived from target value chains improved
2. Employment created in target value chains
3. Food and nutrition security in target beneficiaries enhanced

**Note:** Applicants must align their activities and indicators to the above outputs, outcome and impacts.

### Who can apply?

In order to be eligible for a grant, the lead applicant must:

- be a legal person or an entity without legal personality or a natural person and
- be non-profit-making and
- be a specific type of organisation such as: **non-governmental organisation (NGO)**, public sector operator such as a **cooperative society** or **farmer association**, **Common Interest group (CIG)**, **Community based Organization (CBO)** or **international (inter-governmental) organisation** as defined by Article 43 of the rules of application of the EU Financial Regulation and be established in a Member State of the European Union.
- be duly incorporated in Kenya and operating under the applicable Kenya law;
- be compliant with all national and local laws and regulations including but not limited to tax regulation, health and safety and environmental standards;

Actions can be implemented by one organization or multiple organisations in partnership as described in the call for proposal guidelines. The lead applicant will however be held accountable for the implementation of the action including the management and accountability of the partner organisations.

**Note:** Government bodies are **not eligible** to apply as lead applicants. However, they can contribute to projects as, affiliates or associates.

The Indicative budget under the Call for Proposals is **Euro 2,400,000**. This second call will allocate up to approximately **EUR 1,300,000**.

### Size of financial support

Any support requested must fall within the following range a). Minimum amount: **Euro 30,000** and b) Maximum amount: **Euro 60,000**. Any grant requested must fall between the following minimum and maximum percentages of total eligible costs of the action: a) Minimum percentage: **50 % of the total eligible costs of the action**, b) **Maximum percentage: 90% of the total eligible costs of the action**. The grant may cover the entire eligible costs of the action if this is deemed essential to carry it out. If that is the case, the **lead applicant must justify the need for full financing**. KALRO is not obliged to award all the funds under this call.

### Number of applications and grants per applicants / affiliated entities

- a) The lead applicant may not submit more than one application per lot under this call for proposals.
- b) The lead applicant may not be a co-applicant or an affiliated entity in another application of the same lot at the same time.
- c) A co-applicant/affiliated entity may not be the co-applicant or affiliated entity in more than one application per lot under this call for proposals.
- d) Those entities already awarded sub-grants in the first call for proposals (Call 1) will qualify for up to a maximum of three sub-grants inclusive of those already received, and subject to the above preceding conditions (a, b and c above)

### Duration of Financial Support

The duration of financial support will be for a minimum of 24 months and a maximum of 36 months from the signature date of the contract. Subgrant funds will be disbursed based on a negotiated workplan, budget and milestone structure.

### How to apply

Applications must be submitted in one original and 3 copies in A4 size, **each bound**. The complete application form (**ANNEX A1: concept note and ANNEX A2: full application**), **budget (ANNEX B)**, logical framework (ANNEX C) and organization data form (ANNEX F) must also be supplied in electronic format (Flash Disk as separate files but in a single folder). The electronic file must contain exactly the same application as the paper version enclosed. The checklist and the declaration by the lead applicant must be stapled separately and enclosed in the envelope. Where a lead applicant sends several different applications (maximum of 3 applications per lot), each one has to be sent separately.

The outer envelope must bear the reference number and the title of the call for proposals, together with the title and number of the lot, the full name and address of the lead applicant, and the words 'Not to be opened before the opening session' must be submitted in a sealed envelope by registered mail, private courier service or by hand-delivery (a signed and dated certificate of receipt will be given to the deliverer) to:

**Director General,  
Kenya Agricultural and Livestock Research Organization,  
Kaptagat Rd, Room 115,  
P.O Box 57811- 00200 NAIROBI**

so as to reach on or before **17<sup>th</sup> March 2021 at 5.00pm (EAT)**. Applications sent by any other means (e.g. by fax or by e-mail) or delivered to other addresses will be rejected. For detailed information on the call for proposal guidelines (Cfp) and how to apply, please visit the KALRO website at: [www.kalro.org](http://www.kalro.org)

**Director, Supply Chain Management  
For: DIRECTOR GENERAL-KALRO**