



## KENYA AGRICULTURAL AND LIVESTOCK RESEARCH ORGANIZATION

### OPEN CALL FOR PROPOSALS (Ref. No: KALRO/CS APP/ SGS1/2019)

#### Call Title

Upscaling agricultural technologies to enhance productivity and incomes for smallholder farmers in Kenya

#### Background

The Kenya Agricultural and Livestock Research Organization 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, a five-year project. Part of the funds will be used to support dissemination of 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, Metameta, Nyota and Faida (developed at Kalro Katumani)
- Lot 2: 3 new high yielding green gram varieties - Ndengu Tosha, Biashara and Karembo (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: 5 new cowpea varieties resistant to parasitic weeds- Tumaini, Tamu, Soko, Faulu 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 8: Improved Cashewnut production and management technologies (developed at KALRO Mtwapa)
- 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)

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 developing KALRO Institute/Centre. It is expected that actions under all the lots will strengthen capacity of rural communities to access and adopt KALRO technologies and subsequently result in increased production and incomes. Priority will be given to proposals presenting innovative approaches and are need based. Given that this is a competitive process, equity distribution will be dependent upon the submission of high quality applications.

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. **Applicants whose action covers a wider geographical area (several counties) per lot have a higher chance of winning.**

### Eligible locations for the Action

Lot No	Title of the Lot	Possible counties	Possible number of grants
1	Disseminate four new high nutrient rich and high yielding bean varieties (Angaza, Metameta, Nyota and Faida)	Makueni, Nyeri, Nakuru, Kisumu, Siaya, Bungoma, Kakamega, Nakuru, Taita, Bomet, Trans-Nzoia	5
2	Disseminate three new high yielding green gram varieties namely (Ndengu Tosha, Biashara and Karembo)	Makueni, Machakos, Kitui and Tharaka	2
3	Disseminate two new grain amaranth varieties(TerereSmart and KATGOLD)	Makueni, Kitui, Murang'a, Kiambu, Homabay, Kisii, Migori and Nyamira.	3
4	Disseminate a new white sorghum variety (KM 32 -1)	Makueni, Machakos, Kitui, Tharaka Nithi, Nakuru (Naivasha), Laikipia,	4

	for food and with high malting quality	Bungoma, Kakamega, Kisumu, Homabay, Bomet, Siaya	
5	Disseminate five new cowpea varieties (Kunde Tumaini, Kunde Tamu, Faulu, Kunde Soko and Kat-Kunde) resistant to parasitic weeds.	Makueni, Kitui, Embu (Mbeere), Machakos, Nakuru, Baringo, Kilifi, Taita Taveta and Kakamega	2
6	Disseminate integrated Pest Management (IPM) technologies for control of fruit fly and seed weevil in mangoes	Kitui, Tharaka Nithi, Embu, Kwale, Makueni, Machakos	3
7	Disseminating integrated Management technologies for control of pests and disease losses in Avocados.	Murang'a, Kiambu, Embu, Meru, Kisii, Nyamira, Trans-Nzoia, Bomet, Kakamega, and Vihiga	3
8	Disseminating improved Cashewnut production and management technologies	Kilifi, Kwale, Lamu and Mombasa	1
9	Disseminating improved fish rearing technologies	Busia, Kisumu, Homabay, Siaya, Nyeri, Murang'a, Kakamega, Vihiga, Migori, Kirinyaga, Kilifi, Kwale	3
10	Disseminate small ruminant technologies	Marsabit, Isiolo, Garissa, Mandera, Turkana, Wajir, West Pokot, Baringo, Elgeyo Marakwet, Samburu, Kajiado, Narok	5
11	Disseminate grass ecotypes for pasture production, range reseeding and rehabilitation of degraded rangeland	Kajiado; Makueni, Narok, Taita Taveta, Machakos, Baringo	3

12	Disseminating improved camel management and production technologies	Marsabit, Isiolo, Garissa, Mandera, Turkana and Wajir, West Pokot, Baringo and Elgeyo Marakwet	4
13	Up-scaling Kalro improved indigenous chicken	Coast region (Mombasa, Kwale, Kilifi, Tana River, Lamu, Taita Taveta); Mount Kenya (Nyandarua, Nyeri, Laikipia); Kiambu / Nairobi (Nairobi, Kiambu, Murang'a; South rift (Kericho, Bomet); Nyanza ( Migori, Homa bay, Kisumu, Siaya, Kisii, Nyamira; North Rift (Trans-Nzoia, Nandi, Uasin Gishu, Elgeyo Marakwet, West Pokot); Western ( Kakamega, Vihiga, Bungoma, Busia); Upper Eastern ( Embu, Meru, Tharaka Nithi); Lower Eastern Kenya ( Machakos, Makueni, Kitui)	12

### Eligible actions to be supported

- a) Actions that promote adoption of technologies to improve productivity in identified value chains
- b) Actions that promote agribusinesses along the identified value chains
- c) Actions that promote value addition, food and nutritional security in identified value chains
- d) Actions that lead to job creation and increased incomes in identified value chains

### 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 commercialization of the technologies along specific value chains

- Promotion of farmer to farmer learning exchange tours
- Promotion of sustainable natural resource management

## **Expected outputs and impact indicators**

- No. of farmers reached by the project (disaggregated by gender)
- No. of farmers reached by the project (disaggregated by gender) and adopting new technologies
- No. of farmers (disaggregated by gender) linked to markets and deriving economic benefits
- No. of farmers and value chain actors linked and derive services from financial institutions
- Yield increase in target crop and livestock value chains
- Increase in marketed share of production in target value chains
- Increase in number of people employed in target value chains
- Increase in types of jobs (diversity) created in target value chains
- No. of innovation platform established and operating for each of the target value chains
- Increase in number of farmers in targeted value chains accessing and using production inputs (e.g. breeding stock, seeds, fertilizer etc.)
- No. of farmers and other stakeholders receiving capacity building/training on new technologies and business development along target value chains
- No of farmers participating in exchange learning tours and number of tours conducted for each target value chain
- Increase in farmer incomes resulting from the action

**Note:** Applicants must align their actions to the above activities and outputs/ impact indicators

## **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), faith based organization, 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;

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 co-applicants, affiliates or associates.

## Financial allocation

The Project is seeking to award an indicative amount of **EURO 3,000,000** under this call for proposals. The funds will be allocated in two (2) separate calls for proposals. This first call will allocate up to **EURO 1,500,000**.

## 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

- The lead applicant may not submit more than one application per lot under this call for proposals.
- The lead applicant may not be a co-applicant or an affiliated entity in another application of the same lot at the same time.
- 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.

## 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.

## Applications Forms

Application forms must be submitted in accordance with instructions on the concept note (ANNEX A1) and the full application (ANNEX A2). **Only the published annexes namely:** Concept Note (ANNEX A1) and Full Application (ANNEX A2), Budget (ANNEX B), Logical framework (ANNEX C) which have to be filled in, **are to be submitted**. With the application, the lead applicant has to **ALSO** submit completed organization data forms (ANNEX F) for the lead applicant, each (if any) co-applicants and each (if any) affiliated entities. Only the published forms and annexes will be evaluated. It is therefore important that these documents contain ALL the relevant information concerning the Action. No additional annexes should be sent. These application documents (annexes) are to be downloaded from KALRO website: [www.kalro.org](http://www.kalro.org). Any error or major discrepancy related to the points listed in the instructions on the concept note or any major inconsistency in the application may lead to rejection of the application. Applications must be in English. Handwritten applications will not be accepted.

## 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 (CD-ROM 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 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 him on or before 20<sup>th</sup> September 2019 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 this call for proposals, the accompanying subgrant manual guidelines, how to apply and procedures to follow, please visit the KALRO website at: [www.kalro.org](http://www.kalro.org)*