

## TERMS OF REFERENCE FOR A CONSULTANCY TO TRAIN SEED ENTERPRISES ON SEED CONDITIONING

**PROJECT TITLE: Accelerating Agriculture and Agribusiness in South Sudan for Enhanced Economic Development (A3-SEED – “Triple A-SEED”) Project, 2021 –2025**

### 1. Context and rationale

The International Fertilizer Development Center (IFDC) is implementing a seed sector development project in South Sudan. The “Accelerating Agriculture and Agribusiness in South Sudan for Enhanced Economic Development Project” (A3-SEED) provides market-oriented interventions to support the establishment of a commercial, sustainable, and adaptive agriculture sector in South Sudan. The project ensures the availability of improved seed down to the last-mile through Agri-entrepreneurship and support existing private sector seed companies to improve seed and input marketing, distribution, and production practices. A3-SEED seeks to reach more than 100,000 farming households, double incomes from marketable surpluses, increase farmer yields by 20-50% on target commodities, facilitate the development of 100 agro-dealers as well as 200 women-owned and 200 youth-led businesses, and bring 42,000 ha of farmland under agroecological production. The project supports the emergence of individual commercial seed producers, who produce for the local market, as out grower for a seed company, or both. The project is implemented in collaboration with KIT, Royal Tropical Institute with funding from the Netherlands Embassy.

The project will support commercialization of the seed sector through the following four Result Areas (RAs):

1. Commercial Quality Seed Production focuses on ensuring efficient, high quality and economically viable seed production, sales and distribution tailored for market-oriented smallholder farmers.
2. Quality Seed Use, Good Agricultural Practices, and climate resilient farming practices among smallholder farmers results from tailored sales and distribution strategies provided by seed companies and commercial seed producers.
3. Quality Seed, Input and Output Marketing and Distribution through the establishment of last-mile input distribution and effective seed, input and output market relationships which improve local competitiveness through agribusiness development, women empowerment, and youth employment.
4. Learning and Capacity Development supports the above result areas together with targeted research to address bottlenecks, support adaptive project management and advance knowledge on seed sector development.



To achieve the above objective, IFDC is seeking a suitable consultant to train seed entrepreneurs on seed conditioning and processing for the A3 SEED project in Juba, South Sudan.

## 2. Purpose and objectives of the training

- A. The purpose of the training is to equip the seed cleaning technicians of the seed companies with the necessary skills and knowledge required to conduct seed processing, seed treatment and packaging so that they can deliver high quality seeds to smallholder farmers in South Sudan. Specifically, objectives of the assignment are:
- a. To enhance knowledge on post-harvest factors affecting seed quality, including seed deterioration and mechanical seed damage
  - b. To impart knowledge on principles and practices related to seed conditioning, handling equipment and safety issues.
  - c. To impart knowledge on principles and practices related to seed storage and seed inventory management.
  - d. To enhance knowledge on by-product and waste management in seed conditioning
  - e. To improve knowledge on record keeping, information management and plant layout considerations including special concerns for small lot processing.
  - f. To impart knowledge on process improvement for quality control for seed during conditioning and storage
  - g. To develop standard operating protocol for use of chemicals in seed treatment

## 3. Functions and responsibilities of the consultant

Specifically, the consultant will undertake the following tasks.

- i. Develop training materials for seed conditioning and processing.
- ii. Develop simplified standard operating protocol for safe handling of chemicals for seed treatment.
- iii. Submit final training report.

## 4. Reporting relationships

The consultant will report to the IFDC Country Representative and A3 SEED Project Manager.

## 5. Duration of study

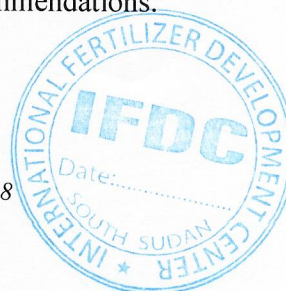
This assignment is allocated ten (10) days to conduct the training.

## 6. Key deliverables

The consultant will have overall responsibility in developing the training materials, and for ensuring quality and timeliness of all deliverables.

The Consultant will be required to achieve the following deliverables/milestones:

1. Develop and submit a concept note for this assignment.
2. Develop detailed but simplified PowerPoint slides for training.
3. Develop a standard operating protocol for safe handling of chemicals.
4. Develop a seed processing manual for use by seed entrepreneurs.
5. Develop and submit a final training report and recommendations.



## 7. Proposal submission

Interested consultant is required to submit a concept note detailing the following:

- Methodology the candidate proposes to undertake the whole exercise.
- Well, dated, Work-plan for performing the assignment.
- Itemized All-inclusive budget in (USD). This should be inclusive of VAT for non-national consultants or firm.
- The CV of the consultant that will work on this assignment specifying their respective roles.

## 8. Eligibility requirements

IFDC is looking for a reputable consultant with:

- A pool of innovative postgraduate hands-on expertise (MSc or PhD) with minimum of 10 years' experience in a relevant field including (Seed science, Agriculture, and crop science, etc.)
- Experience undertaking similar assignments in South Sudan will be an added advantage.

## 9. Submission process

Email applications should be sent to [ssdoperations@ifdc.org](mailto:ssdoperations@ifdc.org), copying Yuga Mario through [yenock@ifdc.org](mailto:yenock@ifdc.org);

The deadline for submission of concept note is **July 20<sup>th</sup>, 2023, at 4:00pm**, any late submissions will not be considered.

