

TERMS OF REFERENCE FOR THE DEVELOPMENT OF A DISASTER RISK MANAGEMENT FRAMEWORK (STRATEGY) FOR AGRICULTURAL RESEARCH AND DEVELOPMENT IN THE SADC REGION

1. BACKGROUND

The Centre for Coordination of Agricultural Research & Development for Southern Africa (CCARDESA) was established in 2010 by the Southern Africa Development Community (SADC) Member States as the subsidiary organisation of SADC mandated to coordinate agricultural research and development and contributing towards improved regional food security and livelihoods, especially the small-scale farmers and rural communities in general noting that agriculture is the cornerstone for human survival in the SADC region. Most SADC member states' citizens rely on agriculture directly or indirectly as their main source of livelihoods and income. Agriculture contributes about 5% of formal employment and around 2.6% of the region's GDP. Furthermore, agriculture contributes immensely to poverty reduction and economic growth of the region. It is the major source of exports in many countries and contributes on average about 13% to total export earnings and about 66% to the value of intra-regional trade. Investment in agricultural research and development is recognised as a key ingredient to realising the much-needed sector growth, transformation, and productivity. CCARDESA key strategic (2020-2029) focus areas include sustainable management of natural resources and increased resilience to climate change and other emerging agricultural risks, which is achievable through investment in resilience to emerging agricultural risks, whether environmental, climate change and migratory and transboundary in nature and compounded by prevailing negative socio-economic factors.

In recent years, the SADC region has experienced a significant increase in the frequency and intensity of composite and recurrent extreme weather and climate-related disasters, pandemics and other prolonged complex emergencies that have devastating impacts on productive sectors, livelihoods, and infrastructure. Agriculture is one of the most highly exposed sectors when it comes to disaster risk because it depends significantly on natural resources and climate conditions, especially the small-holder farmers who often lack access to basic services and adequate resources to cope with disaster impacts and are dependent on rainfed agriculture in the agrifood systems. The ability to prevent and mitigate disasters and to anticipate, absorb, or recover from shocks and disasters in a timely, efficient, and sustainable manner can be facilitated through the adoption of tools and risk management frameworks. These tools and frameworks allow for the adoption of measures to address disaster risk to reduce risk and

prevent the creation of new risk and increasing resilience in the face of threats that impact agriculture, nutrition, food security and food safety.

CCARDESA intends to undertake the development of the Disaster Risk Management Framework (Strategy) for Agricultural research and development in the SADC Region using a team of continental experts. The development of the framework will be done through assembling a combined and experienced team of disaster and agricultural experts drawn from within the national knowledge and innovation systems in the SADC region who will be supported by CCARDESA to participate in drafting such a document at a 5-day write-shop.

The main objective of the assignment is to develop a Disaster Risk Management Framework (Strategy) for Agricultural research and development to ensure risk informed agricultural development and enhance sustainable agricultural production, productivity, and competitiveness in the SADC Region in the face of increased disaster risks driven by, among others, climate change.

2. JUSTIFICATION

The SADC Region continues to experience an increased frequency and intensity of disaster occurrences, inflicting a heavy burden on food insecurity. This phenomenon has placed a burden on agriculture in general, affecting agricultural research and development output. Undoubtedly, agricultural research and development plays a crucial role in food security through generations of new technologies and adaptive measures that increase food production to meet the demand of a growing SADC population.

To deliver on its mandate of coordinating research and development, CCARDESA has developed a Long-Term Strategic Plan 2020-2029 that seeks to respond to the needs of the SADC Member States and takes into account recent developments. To drive this ambition, a number of Thematic Areas were developed with Thematic Area 2 on Resilience to Emerging Agricultural Risks, namely environmental, climate change and transboundary pests and diseases. The objective of this thematic area is to increase the resilience of smallholder farmers to climate change and reduce the risks in their production systems through a cross-sectoral approach. Through this thematic area, CCARDESA is expected to strengthen AR4D institutions' capacity to support disaster risk reduction initiatives at the national level. At a regional, continental, and global level, CCARDESA will contribute to the objectives of the SADC Climate Change Strategy and Action Plan, the environment and sustainable development commitments in the SADC Regional Indicative Development Plan (RISDP) and various multilateral environmental agreements, including the United Nations Framework Convention on Climate Change (UNFCCC).

A Disaster Risk Management Strategy is a cornerstone of formalised actions for reducing hazard-related disaster risk and setting the strategic direction for a country, district, or region to become resilient. Thus, to respond to climate change and related challenges, and attain the desired output of Thematic Area 2, CCARDESA intends to develop the Disaster Risk

Management Strategy, aiming at promoting greater effectiveness in early warning systems, climate change adaptation, preparedness, and response to both natural and man-made disasters. Furthermore, the strategy will serve as a planning tool for National Agricultural Research Institutes (NARIs) within the SADC Region to curb the impact of disaster risks while building resilience. In view of the above, CCARDESA is seeking a consultant to facilitate the development of a Disaster Risk Management Strategy for Agricultural Research and Development in the SADC Region.

3. OBJECTIVES OF THE ASSIGNMENT

The main objectives of the consultancy are to:

- i. develop the validated Disaster Risk Management Strategy for Agricultural Research and Development in the SADC Region; and
- ii. develop the implementation roadmap for implementing the strategy by CCARDESA and its partners.

4. SPECIFIC TASKS

To achieve the stated objectives, the Consultant is expected to, among others, undertake the following tasks:

- i. Carry out a desk assessment to identify the type of disasters to be included in the Strategy.
- ii. Facilitate the writeshop. The consultant shall recommend the key experts to participate in the writeshop.
- iii. Draft a CCARDESA Disaster Risk Management Strategy to be adopted by NARIs within the SADC region.
- iii. Develop a costed implementation plan for the Strategy.
- iv. Present the final documents to CCARDESA Management and staff, and Board of Directors.
- v. Submit a validated DRM Strategy, the Implementation Road Map, and the final report to CCARDESA.

5. DURATION OF THE ASSIGNMENT

This assignment is expected to take a total of 11 working days spread over a period of 30 calendar days. In preparation for the assignment, the Consultant is expected to work closely with the Environmental and Social Safeguards Officer for CCARDESA.

6. REPORTING REQUIREMENTS AND TIMELINES FOR DELIVERABLES

The indicative schedule of deliverables is provided below. Modifications may be considered during the Inception Phase of the assignment in consultation with the Environmental and Social Safeguards Officer.

S/No.	Deliverables/Reports	Proposed Number of days
1.	Submit Inception Report detailing the delivery approach	1
2.	Conduct the writeshop	5
3.	Draft DRM Strategy supported by the Implementation Plan	1
4.	Validate the DRM Strategy	2
5.	Submit the final version of the DRM Strategy and report	2
	Total	11

7. PAYMENT SCHEDULE

The payment of the fees will be made based on the following deliverables:

S/No.	Deliverables	Percentage
1.	After acceptance of an Inception Report with details on delivery approach	20%
2	Submission of the validated DRM, Implementation Plan and the final report	80%

8. CONSULTANT QUALIFICATION AND EXPERIENCE

The Consultant must have the following minimum qualifications and competencies:

- i. At least a Postgraduate degree in Disaster Risk Management, Crisis Management, Natural Resource Management, Humanitarian studies, Climate Change Management, Agro-meteorology, Environmental Management, Development Studies, Social Sciences, or related fields. A Ph.D. in any of these fields would be an added advantage;
- ii. He/she should have at least 10 years of experience in strategic development in Sub-Saharan Africa.
- iii. A minimum of ten (10) years of experience in Disaster Risk Management Strategy development.
- iv. Previous experience of similar assignment at a regional level.
- v. Good facilitation and communication skills.
- vi. Track record of peer-reviewed publications in accredited journals.

9. MANAGEMENT OF THE ASSIGNMENT

The Consultant will report to the Environmental and Social Safeguards Officer, who will provide technical and administrative assistance on the assignment.

10. OBLIGATIONS OF THE CLIENTS

CCARDESA will facilitate all arrangements pertaining to the writeshop including costs for travel. The Consultant is expected to prepare relevant documentation required for the writeshop.

11. PROPERTY RIGHTS OF CLIENTS

All materials produced by the Consultant during this exercise shall belong to CCARDESA and shall not be used, re-produced, or distributed without CCARDESA's prior written permission.