CALL FOR MANIFESTATION OF INTEREST

Recruitment of an individual consultant to document scientific evidence of climate smartness of practices and technologies use along aquaculture, fish farming and fisheries sector in West and Central Africa.

Opening of the call: 20/07/2023
Closing of the call: 03/08/2023

CEI Nº 27-2023

The CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS) in West Africa and CORAF have collaborated over the past decade to carry out numerous efforts at regional and national levels, bringing together researchers and policy makers to revitalize a genuine mutual commitment to addressing the challenges of climate change. Building on this works, the AICCRA (Accelerating Impacts of CGIAR Climate Research for Africa) project supports CORAF in advancing this agenda and providing technical support for foresight in the region.

The AICCRA project is helping to build a climate-sensitive African future driven by science and innovation in agriculture. It is led by Alliance of Bioversity International and CIAT and supported by a grant from the World Bank's International Development Association (IDA). AICCRA works to increase access to climate information services (CIS) and climate smart agricultural (CSA) technologies for millions of smallholder farmers across Africa. AICCRA investments are concentrated in six anchor countries namely Ethiopia, Ghana, Kenya, Mali, Senegal, and Zambia with the implementation of four components (i) Knowledge Generation and Sharing, (ii) Strengthening Partnerships for Implementation, (iii) Validation of Climate Smart Agriculture Innovations through Pilot Projects and (iv) Project Management. The sub-regional component of AICCRA in West Africa is implemented through the creation of multi-stakeholder partnerships of existing scientific and educational networks and centers to achieve results that cannot be achieved easily, if at all, by engaging with individual partners at the national level.

The main objective of this mission is to document the scientific evidence of climate-smart technical performances of practices, technologies and innovations used along the aquaculture and fisheries value chains in West and Central Africa.

It is in this context that CORAF wishes to recruit an individual consultant who is a qualified expert in the field of aquaculture and fisheries.

The CORAF Executive Director invites consultants with the required qualifications as indicated in the terms of reference to express their interest in this call for proposals.
Consultants interested in this call must provide information indicating their abilities to carry out such services (proofs of the execution of similar contracts, CV, experience in a similar field, experience, etc.).

Qualified consultants will be selected according to the rules contained in the CORAF Manual of Administrative, Financial and Accounting Procedures.

Interested candidates can obtain additional information from the CORAF Executive Secretariat via e-mail at the following address: procurement@coraf.org and copy n.lamien@coraf.org.

Interested consultants should submit an expression of interest and a detailed CV together with diplomas and certificates of services rendered to procurement@coraf.org highlighting their ability of meeting the criteria mentioned in the attached terms of reference, by August 3, 2023, at 5:00 p.m. GMT at the latest.

Dr Abdou TENKOUANO
Executive Director
TERMES OF REFERENCE

For recruitment of individual consultant to document scientific evidence of climate smartness of practices and technologies use along aquaculture, fish farming and fisheries sector in West and Central Africa.

1. Context
The CGIAR Research Programme on Climate Change, Agriculture and Food Security (CCAFS) in West Africa and CORAF have collaborated over the past decade to carry out numerous efforts at regional and national levels, bringing together researchers and policy makers to revitalize a genuine mutual commitment to addressing the challenges of climate change. Building on this work, the AICCRA project (Accelerating Impacts of CGIAR Climate Research for Africa) is supporting CORAF to take this agenda forward and provide technical support on foresight in the region.

The AICCRA project is helping to build a climate-sensitive African future driven by science and innovation in agriculture. It is led by Alliance of Bioversity International and CIAT and supported by a grant from the World Bank's International Development Association (IDA). AICCRA works to increase access to climate information services and smart agricultural technologies for millions of smallholder farmers across Africa. AICCRA investments are concentrated in six anchor countries namely Ethiopia, Ghana, Kenya, Mali, Senegal, and Zambia with the implementation of four components (i) Knowledge Generation and Sharing, (ii) Strengthening Partnerships for Implementation, (iii) Validation of Climate Smart Agriculture Innovations through Pilot Projects and (iv) Project Management. The sub-regional component of AICCRA in West Africa is implemented through the creation of multi-stakeholder partnerships of existing scientific and educational networks and centres to achieve results that cannot be achieved easily, if at all, by engaging with individual partners at the national level.

Component 1 of the project covers the generation and sharing of knowledge by strengthening the provision and use of Climate Information Services (CIS) across Africa by national agricultural and meteorological agencies and the planning of investments in Climate Smart Agriculture (CSA) by sectorial ministries, departments, and agencies, as well as private companies. Activities of Component 3 are related to the validation of technologies and innovations in climate-smart agriculture through piloting, with a view to increasing their use by the members of the CSA-Alliances set up in west and Central Africa by CORAF. Indeed, there are different kinds of practices and technologies used in the agricultural sector. However, most actors involved in improving the resilience of agricultural production systems are still unaware of what makes these technologies climate smart. This situation limits the choice and uses of CSA technologies. Documenting the smartness of these technologies would certainly contributes to speed up their scaling-up process.

The fisheries and aquaculture sector makes a substantial contribution to the social, economic, and cultural well-being of the people of West and Central Africa. Particularly, it is (i) a source of employment, income generation, (ii) a major contributor to regional food security and major supplier of animal protein to the diets of many populations, and (iii) a key element in the livelihoods of coastal communities. It contributes more than 15% to regional GDP and nearly 3% to rural economic activity in West Africa.

The aquaculture and fisheries value chains are being improved significantly, but this improvement seems to be hampered by the adverse effects of climate change. Efforts to mitigate impacts of climate change on the sub-sector have led to the introduction of various technologies and innovations. Screening this basket of technologies and innovations regarding CSA criteria is needed to show the
scientific evidence of their climate smartness and speed-up their scaling process. Indeed, there are scientifically proven criteria, tools and methods that can be used to analyze the climate smartness of technologies and innovations. Conducting such analysis and documenting the results, will contribute to ensure that fishing and aquaculture continue to contribute to meeting food and nutritional needs, to social and economic development and to poverty reduction for the communities whose income depends on the sector in the context of climate change.

As part of its 2023 activities, CORAF, through the AICCRA project, wishes to contract an individual consultant in the field of aquaculture and fisheries to document the scientific evidence of the technical performance of the various technologies, innovations and proven climate-smart practices used in the fisheries and aquaculture sub-sector.

2. Objectives

The main objective of this mission is to document the scientific evidence of climate-smart technical performances of practices, technologies and innovations used along the aquaculture and fisheries value chains in West and Central Africa.

Specifically, :

- Analyses the available literature on technologies and innovations use for production, protection, feeding and processing of aquaculture and fishery species/products/organisms,
- Assess the climate-smartness of these practices and technologies,
- Write and revise a draft of scientific paper on the assessment of climate-smart practices and technologies in West and Central Africa.

3. Tasks of the consultant

The consultant will:

1. Conduct a systematic literature review on climate-smart agriculture practices, technologies and innovations used in the aquaculture and fisheries value chains,
2. Assess these practices, technologies, and innovations based on scientifically accepted CSA criteria,
3. Draft a scientific article of the "systematic review" type based on the results obtained,
4. Contribute to the submission and follow-up of the article in a peer-reviewed journal,
5. Contribute to the correction of the article according to the reviewers' recommendations and comments.

4. Deliverables

The consultant must produce and submit:

1. An inception report describing the understanding of the assignment, the working methodology and the agenda for the assignment,
2. A draft of the systematic review article documenting the process and the results obtained
3. An end of mission report

5. Profil of the consultant

The consultant must :

1. Hold a Master degree or PhD in aquaculture and/or fishing, animal sciences, veterinary sciences or any other degree deemed equivalent;
2. Have a good knowledge of the agricultural sector and climate change;
3. Have proven experience in aquaculture, fisheries and climate change;
4. Have at least 5 years’ experience in academia and/or science;
5. Have written at least one literature review article and/or meta-data analysis article in the field of aquaculture and climate change,

6. Duration of the mission

The duration of this assignment will be thirty (30) working days over the period from 15 August to 30 September 2023 and the consultant will work from where his/her is base.

7. Application and selection procedure

Consultants interested in this call must submit a letter of expression of interest highlighting performance and experience of similar contracts and a detailed CV with copies of diplomas and work certificates to the following email address: procurement@coraf.org on August 3, 2023, at 5:00 p.m. GMT at the latest.

Qualified consultants will be selected according to the rules contained in the CORAF Manual of Administrative, Financial and Accounting Procedures.

Female applications are strongly encouraged.

**FRAUD, CORRUPTION, CONFLICTS OF INTEREST, SEXUAL EXPLOITATION, ABUSE AND HARASSMENT**

*Fraud, corruption:* bidders, suppliers, contractors and their subcontractors must observe the strictest rules of ethical conduct when signing and performing contracts. In particular, they must avoid any act of corruption and any fraudulent, collusive, coercive or obstructive maneuvers with the aim of granting or obtaining a contract awarded by CORAF. Any deviant behavior will be subject to appropriate sanctions (cancellation of the contract, exclusion from future contracts awarded by CORAF, dismissal of CORAF staff guilty of these acts.

*Conflicts of interest:* CORAF rules require that any company participating in a procurement procedure is not in a situation of conflict of interest. Two scenarios can be considered:

- The company provides goods, works or services (other than consulting services) which follow or are directly related to the consulting services for the preparation or performance of a project which it has provided or which its affiliated company has provided;
- The company (including its staff) has a close business or family relationship with a CORAF staff member: i) who is directly or indirectly involved in the preparation of the bidding documents or contract specifications, and/or in the evaluation process for said contract; or (ii) who could be involved in the performance or supervision of the same contract.

The term ''Sexual Exploitation and Abuse (SEA)'' includes the following meanings:

- ''Sexual Exploitation'' (SE), defined as abusing or attempting to abuse a state of vulnerability, differential power or trust for sexual purposes, including but not limited to profiting monetarily, socially or politically from the sexual exploitation of another person;
- ''Sexual Abuse'' (SA), defined as any physical intrusion or threatened physical intrusion of a sexual nature, either by force or under unequal conditions or by coercion;
- ''Sexual Harassment'' (SH) is defined as any unwelcome sexual advance, request for sexual favors or other verbal or physical behavior with a sexual connotation by Contractor staff towards other Contractor staff or the Client;

Any company that proves to be in a situation of conflict of interest or of sexual exploitation, abuse or harassment will not be granted a contract from CORAF.