

Terms of Reference

National Consultant for Scoping the Development of an Aquaculture Microinsurance Product

Assignment location: Indonesia

Contract Date: January 28, 2019

Apply by: January 21, 2018

Introduction:

The Co-operative Development Foundation of Canada is seeking a qualified national consultant to provide technical inputs in the development of an aquaculture microinsurance product to be piloted in South Sulawesi, Indonesia. The consultant's main responsibility is to conduct a preliminary risk assessment in aquaculture in order to scope the types of aquaculture insurance products needed by smallholder farmers. S/he will provide technical inputs to the market research team who will determine the marketability and acceptability of aquaculture microinsurance product.

The consultant is expected to work with CDF Canada's staff, the market research team, and ACA Asuransi.

The INVEST Co-op program is a four-year, CDN \$18 million initiative funded by Global Affairs Canada with a CDN \$4 Million contribution from CDF. The program takes an integrated, co-operative approach; benefiting producers by increasing production, productivity and access to markets and financial services in Indonesia, Malawi, Mongolia and Peru. In Indonesia, INVEST Co-op is introducing aquaculture practices that are resilient to climate change and increase quality and yield of production. Support is also being provided to farmers to improve access to financial services and markets through their co-operatives. By training the co-operatives in the seven basic principles (in alignment with the International Co-operative Alliance ICA), the project aims to enable co-operatives to be profitable, sustainable, and to run gender-equitable businesses by strengthening their institutional capacity to serve their members better. Aquaculture microinsurance will also be developed to protect the farmers against financial impact of losses due to weather disturbances. Activities will promote collaboration with governments, private companies, business associations, research institutions, and other stakeholders to strengthen networks and create a conducive environment.

Description of the Assignment:

The assignment will include the following activities:

- Consult with the project team composed of the market research team, ACA Asuransi and CDF Canada on approaches and methodologies
- Research on the status of coastal aquaculture in South Sulawesi and identify hazards that may affect the production of smallholder farmers
- Provide relevant technical inputs to the market research team during consultations with farmers and stakeholders

- Provide recommendations for the full risk analysis to be conducted by an aquaculture insurance advisor
- Prepare a report that describes, among other things, the following:
 - Scale and scope of the planned aquaculture setting for which a microinsurance product will be developed
 - Operational context of the aquaculture production system
 - Relevant data sources, data collection methods and frequency
 - Identified hazards with risk profiles (likelihood and consequence assessment) of each hazard

Key Research Questions:

Below are the key questions (inter alia) to be addressed by this consultancy are:

- What are the aquaculture farming practices in South Sulawesi and the risks involved in production?
- What are the hazards that affect aquaculture farming in South Sulawesi
- What is the source of the hazard and type of the stressor (e.g., chemical, physical)?
- What is the intensity and frequency of the stressor?
- What is the spatial scale of exposure?
- What are the institutions involved in monitoring, providing relevant data and information, and providing support to mitigate the risks involved?

Proposed Approach/Methodology

The approach should be inclusive and iterative, including CDF staff, their partners, and representatives from the target co-operatives to design and implement the project. A combination of document reviews, research, consultations and key informant interviews should be used in an iterative manner to build the case for developing aquaculture microinsurance product.

Proposed Timeline and Deliverables:

Timing for this consultancy is critical. The INVEST Program is winding down by end of 2019. As such, it is important to complete the analysis by the end of February to give way for the development of the microinsurance product in March and develop the communication tools in May.

Deliverables	Due date	Estimated number of days
Submit proposal and draft workplan	January 21	
Sign contract	January 31	
Document review and participation in group calls	February 1 -6	2 Days
Field immersion	February 11-22	10 Days
Key findings (including document/market research and field research findings)	February 23 - 26	3 Days
Final report	February 28	1 day

Consultant(s) Expertise and Qualifications:

- Advanced university degree in a relevant field (Masters; PhD) on aquaculture, fisheries or marine science
- Demonstrated professional experience in aquaculture, preferably in research and/or private/business sectors
- Proven experience in developing research methodologies and conducting researches
- Familiar with institutional arrangements related to aquaculture and fisheries in Indonesia
- Excellent oral and written communication skills in English
- Demonstrated understanding of the Indonesian culture is an asset
- Excellent analysis and report writing skills
- Ability to travel

Compensation:

Compensation will be commensurate with experience. Travel and related expenses must be pre-approved and will be reimbursed in accordance with guidelines specified in the contract.

Submissions:

Please send a proposal and CVs outlining key qualifications, comments on methodology, fee expectations, and a brief writing sample by **January 21ST, 2019**. Only shortlisted candidates will be contacted.

Submission to be sent to Jean Roxas at jroxas@cdfcanada.coop