**TERMS OF REFERENCES**

**Base line survey and final evaluation of the African Swine Fever Prevention and Control Project in ToomLarn district, Saravan province**

#  Saravan province and Toom Larn district

Pig production is an essential part of smallholder farming systems and livelihood in Saravan province in general, and in Toom Larn district in particular. However, the emergence in 2019 of the African Swine Fever (ASF) severely disrupted the pig value chain in the province. ASF threatens the population livelihoods as well as the survival of local pig breeds (e.g. Mou Lad and Mou Cheed), which were the specialty of the province. Preventive measures at farm and community level are necessary to better prevent the disease and mitigate its impact.

The general objective of the project is to contribute to the control of ASF through training and capacity building of small-scale holders on biosecurity.

The specific objective is to increase the resilience of small-scale pig producers towards ASF.

The project will be implemented as a pilot action in two villages of Toom Larn district with the support of the DAFO office and has three main activities:

1. Pilot models of small-scale pig farms with enhanced biosecurity, sustainable and adapted to the local context are developed and tested to promote these production systems
2. The capacities of VVWs and technical services regarding ASF management and prevention are increased
3. The project experiences linked to the community-based biosecurity planning are capitalized and shared for further replication

# Objectives of the support missions

The daily activities of the project will be implemented by the AHAN team of AVSF and two staffs from the DAFO office of Toom Larn with experience in pig farming and having an existing pig farm used for demonstrations and teaching.

External short-term mission are required for:

1. The Baseline survey
2. The end line survey and final evaluation of the project

## Work-package 1- Base line survey

### Objectives

This baseline survey will be used to: (i) have a better understanding on the animal health issues in the area (for all species) and existing local initiatives, (ii) measure the baseline indicators and (iii) identify and select the communities (2 villages among the 10 villages supported by the AHAN project) to be supported by the project.

The data collected during the survey will be used: to calculate the baseline of the project indicator and a basis to the community-based discussions on diseases’ risk identification and mitigation measures.

The following two baseline indicators should be measured and the data collection methodology and calculation method clearly described:

* Pig mortality rates over the last year: in the district and in the two selected villages specifically
* The number of diseases outbreaks reported to the DAFOs office over the last year and quarter

The selection criteria for the village(s) to be supported will be :

1. Being supported by the AHAN project
2. Having a consequent number of pigs being kept within the community with appreciated local breeds (Mou lad or Mou cheed)
3. Village having sufficient local resources and an enabling environment (land availability for pig pens, locally available wood and raw components to produce pig food, access to water and market,
4. Willingness of the community to engage into a participatory process of community-based planning and of the pig farmers (5 minimum) to improve their farming practices with a personal investment of time and resources
5. Having a trained and dynamic Village Veterinary Worker willing to take part in the project
6. Good quality of the relationships with local authorities (DAFOs)

The farmers benefitting from the project support to improve their pig farms will have to take the following commitment to confirm their commitment to contribute to the process:

1. Agree to engage into a learning process with the pig farmers learning group and dedicate at least half day per week for exchanges on pig farming
2. Personal contribution to the investments as: unskilled labor, raw materials and minimal financial contribution
3. Having at least 3 pigs
4. Agree to collect the necessary data as part of the longitudinal survey
5. Agree to receive visits and share their experiences

### Time line:

This survey should be implemented in March or April 2022 with the village selection finalized by the end of the month.

### Methodology

The baseline survey will be implemented in collaboration with Mr. Phoum Keovelaysome from the DAFO office of Toom Larn who knows the area and will be in charge of the capacity building of the communities.

The mission agenda, detailed methodology and duration is to be proposed by the consultant but should not exceed 5 days of field mission and should be based on participatory approaches to ensure the adherence of the beneficiaries to the project.

The data collection tools to be used to establish the reference situation will be submitted and validated by AVSF prior to the field mission.

### Deliverables

1. Baseline survey proposed tools, methodology and detailed agenda to be submitted and validated at least 1 week before the field mission.
2. Validated list of 2 villages of implementation and 2 additional villages to be used as replacement in case of problem with the initial 2 villages. A pre-agreement should have been obtained from the village chief and the DAFOs validation of the selection.
3. Each of the selected village should be described in terms of total households, impact of the last ASF outbreak, number of households holding pigs, number of farmers willing to engage into the pig farmers learning group and their respective number of pigs, the name and contact of the VVWs as well as the GPS coordinates of the village and VVW location.
4. Baseline survey report and measured indicators

### Payment condition

50 % of the consultancy fees related to the baseline survey will be paid after validation of the survey tools and methodology by AVSF

20% of the remaining fees related to the baseline survey will be paid upon termination of the field mission and validation by the DAFOs and AVSF of the two villages selected for the intervention

The final balance of 30 % will be paid a minimum of 10 working days after final validation of the baseline survey report by AVSF

## The final evaluation of the project

### Objectives

The final evaluation has a dual objective: (i) measure the project outcomes and impact and (ii) capitalization of the lessons learnt of the project.

During the project implementation, the pig herds in the selected villages will be monitored by the VVWs and the DAFOs to regularly collect data on pig mortalities, births and diseases. The same data collection process will be implemented in 2 villages of the district which are not supported by the project.

The data collected during the project will be used to measure the two outcome indicators:

* Pig mortality rates over the last year: in the district and in the two selected villages specifically
* The number of diseases outbreaks reported to the DAFOs office over the last year and quarter

In addition to the data collected by the longitudinal survey a short field mission in the district and in the two villages supported will be organized to evaluate the achievement of the project outcomes and outputs as well as the possible lessons learnt of the participatory approaches implemented and the farmers perception of the project activities in terms of relevance, efficiency and appreciation of the activities implemented .

### Time line:

This survey should be implemented between December 2022 and end of January 2023.

### Methodology

The final evaluation will be supported on the field by Mr. Phoum Keovelaysome from the DAFO office of Toom Larn who knows the area and will be in charge of implementing the projects daily activities.

A technical support will be provided by AVSF regarding the longitudinal survey implemented and the data analysis.

The mission agenda, detailed methodology, tools and duration is to be proposed by the consultant but should not exceed 4 days of field mission and should be based on participatory approaches.

### Deliverables

1. Final evaluation proposed tools, methodology and detailed agenda to be submitted and validated at least 1 week before the field mission.
2. Final evaluation report
3. Short communication document on the lessons learnt of the project (maximum 2 pages)

### Payment condition

50 % of the consultancy fees related to final evaluation will be paid after validation of the survey tools and methodology by AVSF

20% of the remaining fees will be paid upon termination of the field mission .

The final balance of 30 % will be paid a minimum of 10 working days after final validation of the final evaluation report and the short communication by AVSF

# Requirements and application

## The Consultant should meet the following key requirements:

* Proven experience in supervising in field surveys and data collection campaigns
* A past experience working within an NGO would be highly appreciated.
* A good knowledge of rural areas in Laos
* A good knowledge or interest in animal health and production would be a plus;
* Past work experience in Lao PDR, with Lao staff. \
* Proficiency in Lao and in English or French (speaking and writing skills).

## Documents to be provided by the candidate:

Consultant’s proposal should include:

* Methodological proposal for the two missions, including the description of specific activities to be conducted under each tasks and the tentative agenda;
* Financial proposal, including daily rate and number of days.
* Resume (including references and relevant previous achievements) and any other relevant document.

The submission dead line is fixed on March 13th 2022. The submission file should be sent by e-mail at the following address: v.renault@avsf.org with the following object: “Application for ASF pilot project surveys”

The consultant should be committed to implement both the baseline survey and the final evaluation of the project even though separated contracts will be developed for each mission.