



World Organisation for Animal Health

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CALL FOR EXPRESSION OF INTEREST

Title	Study to assess the impact of Lumpy Skin Disease (LSD) in Asia
Internal reference	SRR-SEA/CFEOI2022/8
Type of contract	Consultancy contract
Location	Home-based and field mission in Asian countries
Starting date	09 January 2023
Expected working days	39 days
Expected duration	January 2023 - July 2023 (7 months)
CFEOI launching date	23 November 2022
Submission deadline	09 December 2022



1. CONTEXT

1.1 BACKGROUND

World Organisation for Animal Health (WOAH), whose statutory name is “Office International des Epizooties”, is the intergovernmental organisation responsible for improving animal health worldwide.

WOAH comprises 182 Members and is present on all continents through 13 Representations or Bureaus in total, including the Sub-Regional Representation for South-East Asia (SRR-SEA), based in Bangkok, Thailand, which provides supports to WOAH Members in South-East Asia to enhance the capacity of national Veterinary Services to implement WOAH standards and guidelines for securing animal health and welfare.

WOAH is an intergovernmental organisation subject to public international law. It is responsible for improving animal health worldwide. The standards it develops for the trade of live animals and products of animal origin are recognized by the World Trade Organization as reference international sanitary rules. [Home - WOAH - World Organisation for Animal Health](#)

Lumpy skin disease (LSD) is a poxviral disease with significant morbidity in cattle. LSD was first reported in Asia and the Pacific region in 2019 in north-west China, Bangladesh, India, Bangladesh, India, China, Chinese Taipei, Vietnam, Bhutan, Hong Kong (SAR-RPC), Nepal, Sri Lanka, Myanmar, Thailand, Laos Indonesia and Singapore. Even though the mortality rate is generally reported to be low, economic losses resulting from loss of condition, decreased milk production, abortions, infertility, and damaged hides are significant. The causative virus seems to be spread mainly by blood-feeding insects, such as certain species of flies and mosquitoes or ticks, and outbreaks can be widespread and difficult to control. The recently reported outbreaks in the Asia Pacific region, resources can be referred to [here](#).

LSD is an emerging Transboundary Animal Disease (TAD) in Asia-Pacific which has spread rapidly, but there is limited knowledge and awareness of its overall epidemiology, routes of introduction and spread as well as the most effective prevention and control strategies for the region. Additionally, LSD is notifiable to WOAH. Its impact along the whole cattle and buffalo value chain needs to be better understood so that evidence-based informed decisions and policies can be developed. This will ultimately assist the national Veterinary Services in Asia and the Pacific to appropriately allocate resources for LSD prevention and control.

The review on LSD and economic impact in Ethiopia¹ revealed that various agro climatic conditions, introduction of new animals to the herd and the presence of communal watering bodies are seen as major risk factors that would facilitate the spread of outbreaks in diverse localities. The study also highlighted that the total average estimated financial loss due to LSD per head (based on milk, meat, draught power, mortality, treatment, and vaccination costs) were Zebu - 6.43 US\$/per head Holstein Friesian - 58 US\$/per head.

Similarly, a study² conducted on the impact of poxviruses including LSD amongst subsistence farmers in Northeast Nigeria found that almost all farmers (94%) treated affected animals with antibiotics, spending a median of US\$1.96 (min US\$0.19–max US\$27.5) per herd per day. Slaughtering or selling affected animals at low prices were common strategies. Overall, economic losses at the farm level range from US\$9.6 to US\$6,340 depending on species affected and production system. Most of the farmers (72%) had not replaced all affected animals at the time of the study. Livestock markets were the most common place to sell affected animals and buy replacements, suggesting these are likely also hubs for spreading infections. This study confirmed the immediate and long-lasting impact of these diseases on subsistence farmers' livelihoods in North-East Nigeria and suggested potential mechanisms for targeted control.

¹ Gumbe AAF, Review on lumpy skin disease and its economic impacts in Ethiopia. J Dairy Vet Anim Res. 2018;7(2):39–46.DOI: 10.15406/jdvar.2018.07.00187.

² Limon G, Gamawa AA, Ahmed AI, Lyons NA and Beard PM (2020) Epidemiological Characteristics and Economic Impact of Lumpy Skin Disease, Sheeppox and Goatpox Among Subsistence Farmers in Northeast Nigeria. Front. Vet. Sci. 7:8. doi: 10.3389/fvets.2020.00008



1.2 PURPOSE

A qualitative risk assessment conducted by FAO looking at the introduction and spread of lumpy skin disease in South, East, and Southeast Asia³ (2020) assessed a high risk of LSD introduction with moderate uncertainty due to the following factors:

- presence of LSDV in South Asia and China,
- the high number of susceptible cattle and buffalo,
- significant informal animal movement and their products trade between these countries and LSD-affected countries,
- inadequate biosecurity in cattle/buffalo production systems and along the value chain,
- the moderate abundance of competent vectors during October–December, and
- the current absence of vaccination.

LSD has continued its spread across continental Asia with affected countries in East, South-East and South Asia. Even though the mortality rate is generally low, economic losses resulting from loss of condition, decreased milk production, abortions, infertility, and damaged hides are significant.

A number of initiatives have been taken in the Asia and the Pacific region by WOA and its partners including organising coordination meetings to provide platform for members to exchange information on LSD prevention and control; (e.g. exchange of information on the situation of LSD), developing communication materials for local veterinarians, animal health workers and farmers, and developing a Frequently Asked Questions (FAQ) sheet on LSD and LSD Vaccination for the Veterinary Services. These resources can be found [here](#).

The proposed study will be required to review the epidemiological characteristics of the LSD in the region, assess the socio-economic impact, and gather information on the coping strategies implemented by the farmers, producers, and other key stakeholders. The findings of the study will contribute to WOA Members and partners efforts to improve LSD prevention and control measures in the region. The consultant will be supported by the core group composed of technical staff from participating Member(s), WOA and FAO.

2. DUTIES AND RESPONSIBILITIES

2.1 OBJECTIVES OF THE ASSIGNMENT AND SCOPE OF THE CONSULTANCY

The consultant is required to conduct a review of the epidemiological situation of LSD in the whole Asia region and assess management, control strategies and impact of LSD in two LSD-affected countries (countries yet to be defined) participating in this study.

The objectives will be as follows:

Objective 1: review and analyse existing data, and information to better understand the epidemiological characteristic of the disease including the risk factors, introduction and spread of outbreaks, role of vectors in Asia.

Objective 2: assess management and control strategies of farmers, traders, and Veterinary Services during and post LSD outbreaks in two countries to identify best practices.

Objective 3: assess the socio-economic impact of LSD outbreaks on key stakeholders along the value chain in the 2 selected countries.

The scope of this consultancy will include:

2.1.1 Coordinate inputs from national teams and relevant stakeholders.

³ Roche, X., Rozstalnyy, A., Tago Pacheco, D., Pittiglio, C., Kamata, A., Beltran Alcrudo, D., Bisht, K., Karki, S., Kayamori, J., Larfaoui, F., Raizman, E., VonDobschuetz, S., Dhingra, M.S. and Sumption, K. 2020. Introduction and spread of lumpy skin disease in South, East and Southeast Asia: Qualitative risk assessment and management. FAO animal production and health, Paper 183. Rome, FAO. <https://doi.org/10.4060/cb1892en>



- Closely coordinate with national contact points to collect inputs in the designing and planning of the study.
- Identify relevant stakeholders along the value chain and interview key target stakeholders to gather information.
- Consult with a variety of other stakeholders to collect relevant information.

2.1.2 Design, plan and conduct the study.

- Design the methodology to conduct the study.
- The methodology shall cover three objectives described at 2.1 (i) review to better understand the epidemiological characteristic of the disease in the Asia and the Pacific region (ii) assess management and control strategies of the farmers, traders, and Veterinary Services during and post LSD outbreaks in selected countries. (iii) assess the socio-economic impact of LSD outbreaks on the key stakeholders along the value chain in selected countries.
- The methodology shall clearly describe the study design and the tools to achieve these objectives including field data generation approaches from relevant stakeholders.
- Conduct the study and analyse the collected information as per the objectives.
- Produce a draft report of the study.
- Liaise and closely coordinate with the national team and WOAH to undertake necessary consultations with relevant stakeholders, partners, and experts and to incorporate their comments into the draft report.

2.1.3 Provide recommendations to the national Veterinary Services and Members of the region to improve LSD prevention (preparedness) and control activities.

- With inputs from national Veterinary Services, support WOAH Members to develop advocacy materials on LSD. Understand epidemiology characteristics of the outbreaks, risk factors, introduction and spread of outbreaks, and role of vectors.

2.2 EXPECTED OUTPUTS AND DELIVERABLES

Deliverables	Deadline (prov.)	Days of work (prov.)
<i>Description of the study</i>		
Develop a work plan (Deliverables, timelines, and methodology)	16 January 2023	1 day
Identify stakeholders and obtain technical inputs in close cooperation with WOAH Members for the study.	23 January 2023	3 days
Develop a methodology for the study	27 January 2023	5 days
Discuss, agree on and finalise the methodology of the study with the core group.	10 February 2023	1 day
Ensure literature of review and collection of secondary data from the region	03 March 2023	3 days
In close coordination and cooperation with national teams, gather information /data on the study.	03 April 2023	10 days
Analyse the data	05 May 2023	8 days



Reporting and capacity building		
Draft a report of the study as per the objectives.	26 May 2023	2 days
Organise a consultation meeting to discuss the findings of the report, recommendations, and advocacy materials.	16 June 2023	2 days
Finalise report after collating comments with core group and national teams.	23 June 2023	1 day
Provide technical support to develop advocacy material to national Veterinary Services.	14 July 2023	3 days

Progress of the study will be requested on a regular basis. in line with the workplan presented at the inception meeting. The consultant (s) / expert (s) will be supported by the Core group composed of technical staff from the candidate countries WOA Regional Representation for Asia and the Pacific (RRAP), WOA Sub Regional Representation for South East Asia (SRR SEA) and Food and Agriculture Organisation (FAO), Regional office for the Asia and the Pacific. The members and partners will provide background information, relevant documents to facilitate the work of the consultant.

3. WORK ARRANGEMENTS

3.1 THE ORGANISATION OF THE WORK

The consultant will be home-based and report to the WOA SRR-SEA and relevant departments at WOA HQ.

This assignment requires home-based work with potential travels to the identified countries to be decided. There is the freedom to implement this consultancy as an individual, or as a team. The consultant will report to WOA.

If WOA determines that travels by the Consultant are required, air or train tickets (economy class) will be provided by WOA. WOA will also provide a daily subsistence allowance based on the rules applicable at WOA. **Bidders should not include costs of potential travels in their financial offers.**

The consultant(s) will be authorised to directly contact the national contact persons designated by the WOA Delegates while keeping the WOA SRR-SEA in a copy. The consultant(s) is/are not authorised to contact WOA Delegates or other stakeholders, except under exceptional circumstances and with the explicit prior authorisation of the WOA SRR-SEA.

3.2 PAYMENT SCHEDULE

The payment schedule will be progressive and will be agreed upon depending on the developed work plan:

- Thirty percent (30%) of the total price will be paid upon the validation of the draft methodology.
- Twenty percent (30%) of the total price will be paid upon the validation of the draft report of the study.
- The balance payment will be issued upon reception and validation of the final deliverables (i.e final report, technical support on advocacy materials) by WOA.



3.3 LANGUAGE

All documents shall be written in English.

3.4 REPORTING AND COMMUNICATION

For administrative question, the Consultant(s) will contact the WOAHSRR-SEA Capacity building Coordinator: Dr Ashish Sutar

For technical questions, the Consultant(s) may directly contact the members of the core group.

The Consultant(s) and the core group will discuss and agree on the workplan and way forward to drive the consultancy during the meeting.

The Consultant(s) should periodically and at each milestone (defined at the start of the consultancy), report to the core group the progress on the workplan.

The core group will offer the feedback on the deliverables and validate the work submitted by the consultant (s).

4. QUALIFICATION AND EXPERTISE

Bidders can be one consultant or a team of consultants with expertise in Animal Health epidemiology, animal health Economy or Value Chain. The Consultant or team of consultants should demonstrate the following skills/qualities and adhere to the highest review standards and code of ethics expected by WOAHS and its partners:

4.1 EXPERIENCE AND EXPERTISE

- Technical knowledge and experience in prevention and control of Transboundary Animal Diseases (required)
- Technical knowledge on review, assessment, and evaluation of epidemiological characteristic of the TADs and its control activities for different animal species and different husbandry systems. (required)
- Expertise on Animal Health Economic tools, and technical knowledge on value chain analysis (required)
- Working experience and knowledge on LSD (will be an asset).
- Proven experience in capacity building, advocacy of TADs prevention and control (will be an asset).
- Experience in designing, planning, and implementing impact assessment methodology, socio-economic surveys or studies with multi-stakeholders and in a multi-sectoral environment (will be an asset).
- Working experience in Asia (will be an asset).

4.2 INTERPERSONAL SKILLS

- Demonstrated ability to breakdown and communicate complex concepts simply with a range of stakeholders.
- A pragmatic and realistic approach to the recommendations to be implemented by Veterinary Services.
- Excellent report drafting skills in English, including the ability to convey complex issues and ideas in simple easy to understand forms.



5. STRUCTURE OF THE RESPONSE

Interested consultants should provide:

- a CV (maximum 4 pages);
- Concept note explaining the understanding of the context and the work's methodology (maximum 4 pages),
- One example of evaluations (similar nature of work) conducted;
- Annex 1 “Financial offer” duly completed and signed;
- Annex 2 “Declaration of integrity” duly completed and signed

6. EVALUATION OF PROPOSAL AND REWARD OF CONTRACTS

WOAH will proceed to an evaluation of all final proposals according to the criteria described below:

- Technical criteria (80%):
 - Experience and Expertise (60%)
 - Demonstrated understanding of the context (20%)
 - Relevance and quality of the proposed methodology (20%)
- Financial criteria (20%):
 - Global cost (100%)

7. RESPONSE PROCEDURES

7.1 RESPONSE PROCESS

WOAH reserves the right to introduce non-substantial modifications to the tender documents. In the event that WOAH, either following a request from a tenderer or on its own initiative, introduces a modification of the tender documents, all tenderers having received the invitation to tender and indicated an intention to respond will be informed simultaneously. WOAH may extend the deadline for submission of bids to all bidders to allow bidders to take into account these changes.

7.2 COSTS OF RESPONSES

Bidders are responsible for all costs and expenses, including professional fees, incurred in connection with the preparation and submission of responses to, and generally their participation in, the tender procedure

7.3 CONDITIONS OF PARTICIPATION

Natural and legal persons as well as consortia (either officially established or constituted specifically for this consultation) who have provided a compliant response to the consultation as published may apply.

No more than one tender may be submitted by a person whether as a natural or legal person or member of a consortium. If a person submits more than one response, all responses in which they participate will be excluded from the selection process.



In participating to this consultation, a tenderer represents and warrants by doing so that:

- is not bankrupt or under mandatory liquidation, is not having its affairs administered by the courts, has not entered into an arrangement with creditors, is not the subject of proceedings concerning its business activities, or is not in any similar situation arising from a procedure provided for in national legislation or regulations;
- it or a person having powers of representation, decision-making or control over it or a member of an administrative, a management or a supervisory body has not been the subject of a judgment which has the force of res judicata for fraud, corruption, involvement in a criminal organization, money laundering, offences linked to terrorist activities, child labour, human trafficking, creating or being a shell company or any other irregular or illegal activity ;
- it or persons having powers of representation, decision-making or control over it have not been guilty of professional misconduct, including misrepresentation.
- it is in compliance with all its obligations relating to the payment of social security contributions and of taxes in accordance with the national legislation or regulations of the country in which the Tenderer is established;

Bidders undertake to provide documentary evidence related to the items mentioned above upon request by WOAHA at any point during the tender procedure and/or contracting process. Should a tenderer fail to produce reasonable evidence, WOAHA reserves the right to reject the tenderer's response and, in the event it has already entered into a Contract with the tenderer as a result of the tender process, to terminate such Contract with immediate effect.

The REFINITIV WORLD-CHEK ONE global compliance screening platform will be consulted. In accordance with WOAHA's internal rules, the identification of a tenderer by this platform may lead to its exclusion.

7.4 CONFLICTS OF INTEREST

Under no circumstances is a tenderer to contact any person employed by or representing WOAHA regarding the tender procedure other than the person(s) mentioned in this document.

In participating to this consultation, a tenderer represents and warrants that:

- It does not have any conflict of interest arising from economic interests, political or national affinities, family or emotional ties, or any other relevant connection or shared interest in connection with any Contract that may be entered into between the tenderer and WOAHA as a result of the call for expression of interest;
- It will inform, without delay, of any situation constituting a conflict of interest or which could give rise to a conflict of interest;
- No offer of any type whatsoever from which an advantage can be derived under the Contract has been or will be made;
- It has not granted and will not grant, has not sought and will not seek, has not attempted and will not attempt to obtain, and has not accepted and will not accept, any advantage, financial or in kind, to or from any party whatsoever, constituting an illegal practice or involving corruption, either directly or indirectly, as an incentive or reward relating to the award of the Contract;
- It has not and will not make any misrepresentation, either knowingly or negligently, in supplying any of the information requested by WOAHA.



7.5 BID SUBMISSION

WOAH places a high value on a multicultural and positive work environment and seeks gender and geographical balance in its international consultants. WOAH welcomes applications of all qualified candidates, irrespective of their ethnic origin, gender, opinions, or beliefs.

If you are interested in this call for expression of interest, please complete your bids online before 15 December 2022 by clicking on the link below

[APPLY HERE](#)

WOAH, as a data controller, will process the personal data you provide in the bidder for the purposes of identifying a suitable Consultant, to support its work.

The data collected will be processed internally for the aforementioned purposes and for the resulting administrative acts, it shall be kept for the duration of the contract with you and in an intermediate archive for a duration of 10 during the audit period.

You have rights to access and rectify your personal data, as well as to request erasure and obtain data portability under certain circumstances.

To exercise these rights or if you have any questions about the processing of your data, you can contact our data protection officer at dpo@woah.org . For more information check our Privacy Policy - WOAH - World Organisation for Animal Health.

Should you have any questions, please contact a.sutar@woah.org or s.renaudin@woah.org.

To comply with disclosure requirements and enhance transparency, WOAH shall publish on its [website](#) the following information about the Contract which shall be concluded with the awarded contractor: (i) the nature of the contract (ii) year of award (iii) name and locality of the Consultant; (iv) the title, purpose of the Consultant; and (v) the amount of this Agreement. WOAH will not release or publish information that could reasonably be considered confidential or proprietary.

8. ANNEXES

Annex 1: The financial offer to be returned dully completed and signed

Annex 2: The declaration of integrity to be returned dully completed and signed