Call for Expressions of Interest and Proposal from Institution

VN017 – An institution to conduct an assessment to determine prevalence of human Fascioliasis in central provinces and to provide interventions (counselling and treatment) to identified cases.

1. **Background:**

Human fascioliasis is a food-borne trematode infection caused by the liver flukes Fasciola hepatica and Fasciola gigantica. Humans acquire infection through ingestion of metacercariae on contaminated aquatic plants or in contaminated water. Transmission is associated with livestock reservoirs, freshwater snail intermediate hosts, contaminated water, and consumption of raw or undercooked aquatic plants.

In Viet Nam, human fascioliasis has been reported across the country, with Central Viet Nam and the Central Highlands representing important areas for continued surveillance and case detection. Coastal areas often have high prevalence of Fascioliasis due to dietary and living conditions that may facilitate transmission; however, community-based epidemiological data are limited in these areas.

A community-based survey is needed to provide updated information on the epidemiological distribution of human fascioliasis, identify individuals requiring clinical assessment and management, and facilitate appropriate treatment in accordance with national guidelines.

Objectives

- Determine the seroprevalence of Fasciola antibodies in residents aged 10 years and older at the selected survey sites using ELISA.
- Identify individuals with positive serological results and suspected fascioliasis, conduct appropriate clinical and parasitological assessment, and provide or facilitate treatment in accordance with relevant Ministry of Health guidance.
- Analyze and report epidemiological findings to support surveillance and updating of the fascioliasis distribution map for Central Viet Nam and the Central Highlands.

2. Planned timelines:

Start date: 25/10/2026
End date: 25/03/2027

3. Work to be performed

Task 1: Conduct an assessment to determine prevalence of Fascioliasis in central provinces and risk factors to inform interventions

Activities:

- Prepare a detailed protocol and implementation plan, including site coordination, participant recruitment, field logistics, specimen collection and testing.
- Coordinate with selected provincial CDC and communes to confirm survey arrangements and mobilize eligible residents.
- Conduct a descriptive community-based cross-sectional survey among 250 participants in each province, for a planned total of 500 participants.
- Collect the required participant information, and collect specimens
- Perform ELISA for anti-Fasciola IgG antibodies.
- Arrange clinical assessment and Kato-Katz stool examination for ELISA-positive participants and any other suspected cases identified in accordance with the approved protocol.

Output(s)

- Survey conducted and Fascioliasis tested for participants

Task 2: Provide counselling and treatment for individuals who meet MOH criteria for treatment with WHO donated drug (Egaten).

Activities

- Provide counselling and ensure that all individuals meeting the applicable diagnostic and treatment criteria receive treatment according to MOH guidance, with appropriate documentation and follow-up.

Output/s: Treatment provided to individuals diagnosed with Fascioliasis

Task 3: Data analysis and report development

Activities

- Conduct data cleaning and data analysis
- Develop report

Output/s: Data analyzed and report developed

Expected deliverables

#	Deliverables	Expected date of delivery
1	Detailed protocol including tool and developed plan for implementation	5 November 2026
2	Report on the findings of the survey and interventions	25 March 2027

4. Specific requirements

The APW holder shall demonstrate institutional capacity to conduct community-based parasitological surveys and laboratory testing and treatment. The proposed team should include, at minimum:

- A team leader/coordinator with advanced degree in parasitology, epidemiology or public health. Strong experiences in food-born trematode (FBT) surveillance and management is desirable.
- Field personnel with strong experience in participant enrolment, specimen collection and community coordination.
- Laboratory staff with rich experience in ELISA and Kato-Katz testing.
- Clinician with experienced to assess and manage suspected human fascioliasis cases.
- A data manager or epidemiologist with strong experience in database design, quality assurance, statistical analysis and technical reporting.
- In addition, provincial CDC and commune health staff can be mobilized to join the team to coordinate and facilitate the activity implementation. The contractor shall propose the final staffing arrangement and clearly define roles and accountability.

Language requirements: Coordinator must be proficient in both Vietnamese and English.

5. **Place of assignment**: Central provinces

6. **Travel**: will be required to selected provinces/communes

7. Budget

Please take note of the following when submitting application:

- The contractor will be responsible for paying taxes, if any.

Full proposal with estimation of costs, description of technical team, and supporting documents should be received on/or **14 October 2026** and should be addressed to:

wpvnmuhc@who.int

For further information on this TOR, please contact:
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