Call for Expressions of Interest and Proposal from Institution

VN016 - To generate evidence on cost-effectiveness and budget impacts of HIV PrEP, HBV and HCV screening, supporting SHI reimbursement policy development and assessment in Viet Nam.

1. **Background:**

Viet Nam has made significant progress in the prevention and control of HIV, hepatitis B virus (HBV), and hepatitis C virus (HCV) infections. However, these diseases continue to impose substantial public health and economic burdens, particularly among key and vulnerable populations.

HIV pre-exposure prophylaxis (PrEP) is a highly effective intervention for preventing HIV infection and is an essential component of the national HIV prevention strategy. To date, PrEP services have been largely supported by international donors, particularly the Global Fund. As the Global Fund will be ended by 2029, sustainable domestic financing mechanisms are needed to ensure continuity and scale-up of PrEP services.

In addition, HBV and HCV screening are required for PrEP services and they are also critical entry points for timely diagnosis, linkage to care, and prevention of disease progression. Early detection and treatment can significantly reduce morbidity, mortality, and healthcare costs associated with liver cirrhosis and hepatocellular carcinoma. Currently, Social Health Insurance (SHI) reimbursement for HBV and HCV testing is generally limited to diagnostic testing following clinical indication or positive screening results. Preventive and routine screening services are not comprehensively covered, creating potential barriers to early diagnosis and treatment.

As the Government of Viet Nam explores policy options to expand SHI coverage for high-impact prevention and screening interventions, robust evidence is needed to assess the value for money and financial implications of reimbursement. A systematic review of international and national evidence on cost-effectiveness and budget impact will provide critical information for policy makers in evaluating the feasibility, affordability, and potential health benefits of including PrEP, HBV screening, and HCV screening within the SHI benefit package.

Objectives

- To systematically review published and unpublished evidence on the cost-effectiveness of HIV PrEP services; HBV screening and HCV screening interventions.
- To conduct budget impact analysis of introducing health insurance reimbursement for HIV PrEP, services; HBV screening; and HCV screening.
- To provide policy recommendations and evidence gaps for future economic evaluations and SHI policy considerations.

Interested institution can submit a detailed systematic review protocol including define review questions, inclusion and exclusion criteria, search strategy, and analytical framework.

2. Work to be performed

Planned timelines:
Start date: 15 October 2026
End date: 20 December 2026

Task 1: Conduct systematical review of published and unpublished evidence on the cost-effectiveness of HIV PrEP services; HBV screening and HCV screening interventions.

Activities:

- Conduct Literature Search
  - Conduct comprehensive searches of relevant databases and sources, including but not limited to: PubMed/MEDLINE, Embase, Cochrane Library, Scopus, Web of Science, EconLit, WHO IRIS, Global Health, Government reports, grey literature and development partner publications
- **Screen and Select Studies**
  - Conduct title and abstract screening.
  - Perform full-text review.
  - Document the study selection process according to PRISMA guidelines.
- **Data Extraction and Quality Assessment**

  Extract and summarize information on:

  - Study characteristics;
  - Intervention and comparator;
  - Population and setting;
  - Economic evaluation methods;

- Cost-effectiveness outcomes (e.g., ICERs, cost per DALY averted, cost per QALY gained);
- Budget impact estimates;
- Key assumptions and uncertainties.
- Assess methodological quality using appropriate appraisal tools.

- **Evidence Synthesis**
  - Conduct qualitative synthesis of findings.
  - Summarize evidence by intervention and population group.
  - Identify common determinants of cost-effectiveness
  - Assess relevance to the Vietnamese health financing and epidemiological context.
- **Policy Analysis and Recommendations**
  - Synthesize implications for SHI reimbursement policy.
  - Develop practical recommendations for policymakers and relevant stakeholders.

Output/s:

- Reports on systematic review on cost-effectiveness of HIV PrEP services, HBV and HCV intervention. The reports should include recommendations for policymakers and relevant stakeholders.

Task 2: Conduct budget impact analysis (BIA)

Activities:

- Develop BIA model
- Draft scenarios and collect data inputs
- Conduct analysis for several scenarios and analyse sensitivities of the model
- Collect feedback from technical working group meetings
- Revise/refine the model and outputs
- Develop report for each intervention

Output/s:

- Reports on budget impact analysis of HIV PrEP services, HBV and HCV intervention. The reports should include recommendations for policymakers and relevant stakeholders.

Expected deliverables

#	Deliverables	Expected date of delivery
1	03 reports on systematic review on cost-effectiveness of HIV PrEP services, HBV and HCV intervention.	20 Nov 2026
2	03 reports on budget impact analysis of HIV PrEP services, HBV and HCV intervention.	20 Dec 2026

3. Specific requirements

The contracting partner should demonstrate the following qualifications and capacity to implement the proposed activities:

Project Coordinator

- Advanced degree (PhD, DrPH, MPH, MSc, or equivalent) in public health, epidemiology, health economics, health policy, biostatistics, medicine, or a related field.
- Demonstrated experience in leading systematic reviews, evidence synthesis, and research projects.
- At least 10 years of relevant professional experience in public health research, health policy, or health economics.
- Proven expertise in the economic evaluation of health interventions, including cost-effectiveness analysis and/or budget impact analysis.
- Strong publication record in peer-reviewed scientific journals.
- Excellent report-writing, project management, and stakeholder engagement skills.

Team Members

- University degree in public health, epidemiology, health economics, health policy, biostatistics, medicine, or a related field. Advanced trainings in these areas are desirable.
- Additional postgraduate training or specialized qualifications in public health, epidemiology, health economics, health policy, biostatistics, or related disciplines.
- At least 5 years of relevant experience in conducting systematic reviews, evidence synthesis, and economic evaluations of health interventions, including cost-effectiveness analysis and/or budget impact analysis.
- Demonstrated analytical, research, and scientific writing skills.

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

4. 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 **13 October 2026** and should be addressed to:

wpvnmuhc@who.int

For further information on this TOR, please contact:
wpvnmuhc@who.int