

Call for Expressions of Interest

#015 - Job Title: Two National Consultants to provide consultancy services in piloting tools for carbon emission assessment in healthcare facilities and health system

1. Background:

To achieve the strong commitment of the government of Viet Nam stated by Prime Minister in COP 26 in reaching net zero carbon emission in Viet Nam by 2050, health sector in Viet Nam planned to take action in reducing carbon emissions from health system. To do so, it's very important that assessment of carbon emission can be conducted to measure progress in health system. So far, at global level, there has been tools for assessment of carbon emission from healthcare facilities developed by different organizations and agencies; however, there has not been yet a comprehensive tool for assessment of carbon emission from health system yet.

Currently, Hai Phong University of Medicine and Pharmacy was assigned by Ministry of Health for conducting carbon emission from health sector; however, the proposed tool seems to be used for healthcare facilities, not for the whole health system.

Based on the progress of building models for climate resilient healthcare facilities in Viet Nam and the demand for carbon emission assessment in both healthcare facilities and health system, WHO HQ and WHO Western Pacific Regional Office (WPRO) decided to support WHO Viet Nam and Viet Nam Health Environment Management Agency (VIHEMA) in piloting a methodology and tool for carbon emission in health system.

As a result, WHO Representative's Office in Viet Nam is recruiting 2 national consultants to assist international consultants in developing and piloting the methodology and tool for carbon emission assessment in health system in Viet Nam.

2. Planned timelines: Part-time

Start date: 15 June 2024 (subject to confirmation)

End date: 31 December 2024

Number of working days as a consultant: 45 non-consecutive days

3. Work to be performed

Purpose of the consultancy

To provide consultancy services in piloting tools for carbon emission assessment in healthcare facilities and health system.

Method(s) to carry out the activity:

The selected consultants will be required to

- Work as a supporting team to assist international consultants who take a leading role in developing and piloting a hybrid methodology and respective tool for carbon emission assessment in the health system in Viet Nam. The team will work under a close supervision and coordination of WHO Representative's Office in Viet Nam and VIHEMA in cooperation of international consultants and WHO Headquarters and Health and Environment (HAE) Unit in WPRO. In addition, the team also works closely with focal points and local consultants from Hai Phong University of Medicine and Pharmacy in finalizing and applying the hybrid methodology and tool in the process of carbon emission assessment in the health system including healthcare facilities.
- Provide technical assistance to international consultants in piloting tool in health system, including collecting data and information from healthcare facilities and non-healthcare facility elements in health system, conducting field survey, calculating carbon emission to summarize assessment results.
- Assist VIHEMA and WHO to hold consultation workshops to collect comments for analysis for improving the tool and organize training on the methodology and tool for assessment for focal points from relevant institutes under MoH and provincial CDCs.

Outputs

1. A hybrid methodology and tool for carbon emission assessment in health system including HCFs and non-HCFs elements to be developed by international consultants with assistance from national consultants;
2. Results of carbon emission assessment to be obtained by piloting the proposed hybrid methodology and tool in the health system including national non-HCFs elements, models of climate resilient HCFs and selected HCFs at different levels;
3. The proposed and piloted hybrid methodology and tool to be finalized based on lessons learnt and experience from piloting process for carbon emission assessment in the health system; and
4. The finalized methodology and tool to be disseminated through training and workshops for focal points from institutes under MoH and provincial CDCs.

Common deliverables:

- Deliverable 1.1: Proposed hybrid methodology and tool developed by international consultants to be adapted to Vietnamese context with assistance from national consultants;
- Deliverable 1.2: Report on carbon emission assessment from health system as a result of piloting the hybrid methodology and tool for calculation of carbon emission from health system, including HCFs and non-HCF elements in the health system; and
- Deliverable 1.3: Finalized hybrid methodology and tool for carbon assessment in health system.

A) For Consultant 1

- Deliverable 1.1: Report on the overview of the current available methodology and tool for carbon emission assessment in HCFs and health system; and
- Deliverable 1.2: Summary of lessons learnt and experience from piloting tool/ comments from Technical Working Group (TWG) meetings/consultation workshops.

B) For Consultant 2

- Deliverable 1.1: Detailed plan for piloting tool in assessment of carbon emission from 3 models of climate resilient HCFs, selected HCFs in cities and provinces and non-HCF elements in the health system; and
- Deliverable 1.2: Package of workshop and training materials on the hybrid methodology and tool for carbon emission assessment in health system.

4. Specific requirements

Educational Qualifications required

Master's Degree in environmental health, public health, chemical engineering, environmental science, energy engineering or other relevant areas from a recognized university

Experience required

- At least 5 years of full-time experience in environmental health, public health, environmental engineering and management, energy engineering or relevant fields.
- Experience in carbon emission inventory in relevant sectors, in projects related to carbon foot print, climate change mitigation and adaptation.
- Being familiar with any methodology and tool used in assessment of carbon emission is an advantage.

Skills/Knowledge

- Knowledge on climate change, carbon emission, calculation of carbon emission, knowledge on health system (HCFs and non-HCF elements) in Viet Nam;
- Skills in development or applying methodology, collecting data, validation of data and analysis as well as mathematic calculation and statistics in environment and health sectors;
- Project management, planning skills and communication skills; and
- Teamwork spirit and coordinating skills

Languages and level required

Excellent in writing and speaking English. Fluency in Vietnamese as a mother tongue.

5. Place of assignment

The Consultants are required to work mainly at their own places in Hanoi and travel to the piloting sites in selected cities and provinces.

6. Medical clearance

The selected Consultants will be expected to provide a medical certificate of fitness for work.

7. Travel

The Consultants are expected to travel to the piloting sites, including 3 models for climate resilient HCFs, selected HCFs and non-HCFs elements in selected cities and provinces.

8. Budget

Please take note of the following when submitting application:

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

Application letters and updated CVs in English should be received **on/or before 4 June 2024** and should be addressed to:

Administrative Officer World Health Organization
UN Building, 304 Kim Ma Street, Hanoi, Viet Nam

OR

wpvnmaplicants@who.int

For further information on this Call for Expressions of Interest, please contact: _

wpvnmhle@who.int

Schedule of work for the National Consultant 1:

No.	Activity	Duration (Days)	Note
1.	Report on the overview of the current available methodology and tool for carbon emission assessment in HCFs and health system	3	
2.	Proposed hybrid methodology and tool developed by international consultants to be adapted to Vietnamese context	7	
3.	Conducting pilot of carbon emission assessment in health system by applying the hybrid methodology and tool for calculation of carbon emission from health system, including HCFs and non-HCF elements in the health system	27	
4.	Finalized hybrid methodology and tool for carbon assessment in health system	5	
5.	Summary of lessons learnt and experience from piloting tool/ comments from Technical Working Group (TWG) meetings/consultation workshops	3	
	Total of working days	45	

Schedule of work for the National Consultant 2:

No.	Activity	Duration (Days)	Note
1.	Detailed plan for piloting tool in assessment of carbon emission from 3 models of climate resilient HCFs, selected HCFs in cities and provinces and non-HCF elements in the health system	3	
2.	Proposed hybrid methodology and tool developed by international consultants to be adapted to Vietnamese context	7	
3.	Conducting pilot of carbon emission assessment in health system by applying the hybrid methodology and tool for calculation of carbon emission from health system, including HCFs and non-HCF elements in the health system	27	
4.	Finalized hybrid methodology and tool for carbon assessment in health system	5	
5.	Compile a package of workshop and training materials on the hybrid methodology and tool for carbon emission assessment in health system	3	
	Total of working days	45	

