



## **Terms of Reference: Consultancy - Quantitative and Qualitative Study on the Knowledge Attitude and Practice of vulnerable population of Hanoi about heatwaves Impacts**

### **1. Summary**

**Position:** 1 national consultant  
**Duration & timing:** From the 18/02/2019 until the 31/03/2019  
**Duty station:** Home based, and in project areas in Hanoi.  
**Reporting:** German Red Cross Head of Project Office in Vietnam

### **2. Background**

The German Red Cross (GRC) and the Vietnam Red Cross (VNRC) are currently implementing a Forecast Based Financing project which aims at reducing human suffering of vulnerable population due to more frequent and severe heat waves. In Hanoi the average daily temperatures have risen in recent years; past heatwaves have led to a 20.0% increase in hospital admissions for all causes and 45.9% for respiratory diseases. As a new concept developed by the GRC, Forecast-based Financing (FbF) is a mechanism that uses weather forecasts to trigger timely humanitarian actions, before a hazard hits the exposed population. These actions described in specific Early Action Protocols are automatically funded when the triggering forecast is released. In November, GRC and VNRC conducted an intensive Knowledge, Attitudes and Practices (KAP) survey in 6 wards in Hanoi with focus on groups such as elderly people, outdoor workers (bikers/shippers, street vendors, builder) and slum dweller; who are considered to be the most vulnerable towards heat wave hazards. The KAP survey provided important findings on the impacts of heatwave on health and healthcare cost, income generation and on coping mechanisms. Those findings need to be further investigated through a qualitative study in order to gain in-depth understanding of the target population and design adequate project interventions. In addition, the KAP survey needs to be administered to the carers of under-five children as children are also amongst the most vulnerable to heatwaves.

### **3. Purpose**

The purpose of this study is to in-depth assess the full situation of different population groups exposed to heatwaves in selected wards in Hanoi including their risks, vulnerability and capacity and explore possible project interventions. The GRC is seeking **the service of a national consultant** who will:

- i) **Adapt KAP survey questionnaire** in order to interview the carers of under-five children and **upload questionnaire** on mobile application (KoBo Toolbox)
- ii) **Adapt a set of questions** for Focus Group Discussions (FDG) and in-depth interviews (IDI) with Biker/Shipper, Builder, Slum dweller, Street vendor, Carers of under-five children, and Elderly living in poor housing condition
- iii) **Train surveyors** in conducting KAP interviews of the care giver.
- iv) **Lead the process** of FDGs and IDIs
- v) **Adapt a set of questions and conduct interviews with Key informants (KII)** (Slum landlord, Ward and District People Committee, Health workers, District natural disaster prevention committee, Community leaders, District and Ward Red Cross)
- vi) **Compile findings of FDGs, IDIs and KIIs in one report (English and Vietnamese)**
- vii) **Compile KAP survey data** and perform **statistical analysis**.
- viii) **Write KAP report (English and Vietnamese)**

The GRC/VNRC will be responsible for the technical and logistic support to the study. The GRC/VNRC will provide the consultant with the KAP survey questionnaire previously used on elderly people, outdoor workers and slum dweller and with the findings report. The GRC/VNRC will provide support in recruiting surveyors and in guiding them in the targeted areas. For the FDGs, IDIs and KIIs, the GRC/VNRC will provide the consultant with leading questions (on symptoms of heat-stress and self-medication, access to forecast, constraints/barrier for drink water, options of interventions...) and will commit staff for conducting the interviews and FDGs.

#### **4. Proposed Methodology**

For the KAP survey to carers of under-five children, 210 persons will be selected randomly amongst bikers/shippers, street vendors, builder and slum dwellers. The sampling method of the qualitative study will be convenience based and will depend on the availability of the selected ward PC and health staff and commune leaders who regularly communicate with the targeted groups. The targeted groups (street vendors, builders, slum dwellers, biker, elderly, carers) selected to the study will represent the larger population to help project team with precise information in the progress of brainstorming potential interventions.

#	Respondents	Methods	Minimum sample size
1	Elderly (in poor housing)	1 FGD per ward	1 FGD
		4 IDIs per ward	4 IDIs
2	Biker/Shipper	1 FGD	1 FGD
		4 IDIs	4 IDIs
3	Slum dwellers	1 FGD per ward	2 FGD
		4 IDIs per ward	6 IDIs
4	Women street vendors	1 FGD per ward	2 FGD
		4 IDIs per ward	6 IDIs
5	Builders	1 FGD per ward	2 FGD
		4 IDIs per ward	6 IDIs
6	Slum landlords	KII	4 KII
7	Commune leader	2 KII per ward	4 KII
8	Ward PC	1 KII per ward	2 KII
9	District PC	1 KII per district	1 KII
10	Ward Health Staff	1 KII per ward	2 KII

11	District NDPC Staff	1 KII per district	1 KII
12	Carers of under-five children	KAP survey	210 interviewees
		1 FGD per ward	2 FGD
		4 IDIs per ward	6 IDIs
13	District and Ward RC	1 FGD	1 FGD

## 5. Deliverables & Proposed Timeline

- Induction phase: Initial meeting with the GRC/VNRC to agree on the study objectives, methodology and logistic arrangements: 18/02/2019
- Phase 2: KAP questionnaire and FDGs, IDIs and KIIs set of questions: 19 -25 02/2019
- Phase 3: Training of surveyors 26/02/2019 (and KAP survey 27,28)
- Phase 4: Support to FDGs, IDIs and conduct KIIs: 04- 08 /03/2019
- Phase 5: Compile KAP survey data and Statistical Analysis: 11 – 15
- Phase 6: KAP survey Report and Report on FDGs, IDIs and KIIs: first draft in English by 22/03/2019 and final reports in English and Vietnamese by 31/03/2019

## 6. Selection Criteria

- Proven experience in conducting, analysing and reporting both quantitative/qualitative researches/surveys, especially KAP study
- Demonstrated ability and skills to analyze data
- Good knowledge of MS Word, MS Excel and SPSS software
- Ability to meet required date of report's submission
- Excellent command of Vietnamese and English

## 7. Application Procedure

Interested candidates are invited to send their offer in English consisting of a **CV**, a **technical** and a **financial offer** and a **letter of motivation** to [grc.vietnam.hr@gmail.com](mailto:grc.vietnam.hr@gmail.com) (email) OR by post to Mr Jerome Faucet, German Red Cross, Level 7, 59 Quang Trung Street, Hanoi.

The **technical offer** should give **an estimation of the numbers of working days** necessary for each phase.

The **financial offer** should propose:

- **a daily rate all-inclusive:** all taxes, transport & other costs if any, etc.
- **a total rate all-inclusive**

The financial offer should indicate clearly **the Net and Gross calculation in VND currency. All submissions must be received by 14<sup>th</sup> February 2019 at 17:00 Hanoi time.** Please note that only applications which are submitted in English shall be considered. While we appreciate all applications, only candidates under consideration shall be contacted.

**\*Child Protection:** German/Red Cross is committed to protecting the rights of children in all areas we work around the world. Applicants are advised that German Red Cross reserves the right to screen candidates to ensure a child-safe environment. Further information can be found in the German Red Cross child protection policy.