

JOB DESCRIPTION

Background

The Royal Government of Cambodia (RGC) has long-term plan to achieve elimination of Plasmodium falciparum malaria by 2020 and all forms of malaria by 2025. The Global Fund to Fight AIDS, Tuberculosis and Malaria (GFATM) is supporting the National Centre for Parasitology, Entomology, and Malaria Control (CNM) in its endeavour to ensure the implementation of a strengthened and adequately resourced national malaria program. In 2015, GFATM awarded malaria funding to Cambodia under the New Funding Model (NFM) for the implementation of national program's strategy until the end of 2017. UNOPS was selected by the Cambodia Country Coordinating Mechanism for GFATM to become the Principal Recipient (PR) whereas CNM was selected as the Principal Implementing Partner for this NFM malaria grant amongst other sub-recipients

Goal

The goal of this consultancy is to develop malaria surveillance tool of real time malaria case reporting system from community and health center level for Malaria Elimination for the Kingdom of Cambodia under the guidance of CNM.

Tasks

- 1) Review the current malaria surveillance (malaria information system and malaria alert system) of CNM for integrating with the new tool
- 2) Develop application (Routine reporting) on smart phone and tablet for village malaria worker and health facility staff to be able to
 - Report malaria case that detected by village malaria worker and health facility staff in real time
 - Notify each reported case to malaria staff by SMS automatically.
 - Report the investigation information of the malaria patient (Active case detection) in real time
 - View malaria report
- 3) Develop application for stock management that HC staff can update the current stock via smart phone or tablet.
- 4) Develop the user guides and provide TOT training on how to use, maintain and manage the developed systems
- 5) Provide the technical support in terms of maintaining and updating the developed tools to national malaria center staff for three months after deliver the products

Expected outputs

The consultant shall deliver the well-functioning systems for malaria routine reporting and active case detection and investigation. User guides on how to use the systems are developed and the CNM staff are trained for managing the systems.

Qualification

- Bachelor or Master Degree in information technology, computer science, or other relevant field
- A minimum of 5-10 years' experience in computer programming like PHP, Java, Ruby or similar
- Strong database development skills using MySQL and Ms SQL server
- Ability to think analytically, synthesize and clearly present complex processes and issues related to the development of malaria surveillance
- Experience in Malaria or public health is desired

- Experience of using SMS technology for data collection is desired
- Familiarity with the health system in Cambodia is desired
- Proven experience in leading consultative processes; ability to conduct/facilitate sessions related to the development of the consultation meetings.

LANGUAGES

English: Fluent (Speaking & Writing); **Khmer:** Working (optional)

Period: The work is to be concluded within four months from the signing of July, 2017 with a total of 3 months.