Scope of Work

Position: Health Informatics Consultant
Technical Unit: Health Informatics (HI)
Technical Monitor: HI Technical Coordinator
Period of Performance: As soon as possible to May 31st, 2018
Location: Hanoi

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1. Detailed Description of Tasks to be Performed:

As Vietnam achieves strong socioeconomic progress, funding from international resources for the HIV response in Vietnam is rapidly declining and will soon phase out. The Vietnam Government has recognized and emphasized Social Health Insurance (SHI) as crucial to sustaining HIV/AIDS services. The Ministry of Health recently issued Circular No. 15/2015/TT-BYT (dated June 26, 2015) to guide SHI reimbursement for examination and treatment for HIV related services. To provide SHI-eligible HIV services, health facilities must consolidate in line with Ministry of Health requirements.

Under USAID SHIFT managed by FHI 360, Song An and DH companies modified electronic hospital information system (eHIS) software to integrate an HIV services component for use in hospitals and outpatient clinics in Dien Bien and Can Tho, respectively. The eHIS-HIV software supports information processing for comprehensive HIV case management, social health insurance (SHI) reimbursements; and timely and accurate program reporting for C03, PEPFAR MER, and HIVQUAL reports.

FHI 360 seeks the services of a consultant to support its health informatics (HI) team in developing data pooling servers in Dien Bien and Can Tho, and to review eHIS-HIV performance in 15 outpatient clinics (OPCs) that are using the software. The consultant shall undertake the following tasks:

eHIS-HIV review at site level:
- Participate in site-level data reviews of eHIS-HIV software performance in Dien Bien and Can Tho
- Participate in developing design protocol XLM to pool data from site to server
- Debug eHIS-HIV errors

Develop data pooling server for eHIS-HIV:
- Work with FHI 360 HI team to develop tools for data pooling server for eHIS-HIV software
- Assist in developing and conducting a training course for Dien Bien and Can Tho Provincial AIDS Centers (PACs) and 15 OPCs on how to use eHIS-HIV software in conjunction with the data pooling server
- Debug tools for data pooling server of eHIS-HIV
- Participate in the design, development, and debugging of a standalone HIV database version that will work with the data server

Reporting:

- Develop work completion reports

Deliverables/Milestones & Due Dates: To be specified in the consulting agreement.

Total estimated working days: 120 days

2. Requirements
- Nationality: Vietnamese
- Education: Engineer or bachelor's degree in IT-related area (master's degree preferred)
- Experience and skills:
  - At least 2 years' experience in developing health IT systems (prioritize experience with government institutions and familiarity with donors such as the World Bank, USAID, and Global Fund)
  - Ability to work independently
  - Ability to work under pressure and with diversified colleagues and agencies to meet deadlines
  - Ability to travel to provinces
  - Must have experience in ASP.NET MVC, Web API 2, WCF, Entity Framework
  - Experience with or good knowledge of CSS/HTML, jQuery, JavaScript, Bootstrap
  - Experience with or good knowledge of ORACLE 11g, PostgreSQL, MS SQL Server, SQL lite
  - Basic ability to use common statistical software programs, such as SPSS, Epi
  - Fluency with Microsoft Office programs such as Word, Excel, and PowerPoint
  - English language fluency including listening, speaking, reading, and writing skills

Interested candidates are invited to send the detailed curriculum vitae with letter of application in English to Vietnam.recruitment@fhi360.org by **November 9, 2017**:

Please specify the position you are applying for in your application.
Only shortlisted candidates will be contacted for interviews.