International Charitable Foundation "Alliance for Public Health"

announces a call for the selection of external (outsourcing) IT specialists

Kyiv, 03.07.2024

Alliance — a leading professional organization that, in cooperation with key public organizations, the Ministry of Health and other state institutions, fights a number of epidemics, including HIV/AIDS and tuberculosis in Ukraine, implements prevention programs and provides high-quality technical support and financial resources to local, national organizations in Ukraine and beyond.

Mission of the Alliance is to reduce the spread of infections and deaths, as well as reduce the negative impact of epidemics by supporting the public response to them in Ukraine and spreading effective approaches to prevention and treatment in Eastern Europe and Central Asia and globally.

The Alliance for Public Health (APH, Alliance) is the prime recipient of the regional grant from Global Fund - "Sustainability of services for key populations in Eastern Europe and Central Asia" (SoS_project 2.0). Grant implementation period: 01.01.2022 - 31.12.2024.

This call is announced within this project.

Project goals:

- Institutionalizing effective HIV response models and processes in the EECA region to influence the improvement of the HIV care cascade in the region
- Removing barriers to services for key population groups to promote quality medical interventions based on human rights principles; overcoming gender barriers to services
- Budget advocacy for sustainable services for key populations in the EECA region

Geographic focus of the project: 14 countries - Albania, Armenia, Azerbaijan, Bosnia and Herzegovina, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Montenegro, North Macedonia, Serbia, Tajikistan, Ukraine, Uzbekistan.

Development of a number of innovative IT solutions for use at the national and/or regional levels to strengthen the effectiveness of programs to combat the HIV epidemic is a separate significant block of the project.

Purpose and subject of the call: selection of IT specialists to include in the pool of Alliance consultants who will work in accordance with the framework requirements (terms of reference, technical specifications) or other relevant tasks from the leadership of the Alliance across projects, in particular - the SoS_project 2.0 project. It is planned that, based on the results of the competition, a number of IT specialists will be selected for the development of new local or web systems \ IT applications (including applications for mobile devices), the

development of which is planned as part of the project, and/or the improvement of existing IT systems used and accompanied by Alliance resources.

Period of performance of works/provision of services: January - December 2024

The main areas of performance of work/providing services:

1. Development of chat bots and mobile applications for the purpose of collecting information, automating processes, assisting in work in prevention projects, detection, etc.

2. Development of processes for automatic remote crediting of monetary rewards to Alliance program participants. Development of loyalty programs.

3. Development of prediction models based on machine learning. In-depth statistical analysis of data in real time, etc.

4. Website maintenance and development, namely: making necessary changes, adding new tests, developing new illustrations, developing tools, etc.

5. Participation in working meetings and interaction with national and international partners regarding the development, implementation, development, support and modernization of IT systems used or supported by the Alliance.

6. Development, or partial participation in the development, of project technical documentation (specifications) for the development, implementation, development, support and modernization of IT systems used or supported by the Alliance.

7. Analysis, design and development of IT architecture of both new and existing IT systems to be used or supported by the Alliance.

8. Development, implementation and maintenance of local software (client-server systems built on platforms such as 1C), which is used, or should be used, as IT tools for automating and supporting internal processes of the Alliance.

9. Development, maintenance and support of software (client-server systems built on Web and Mobile Application platforms) used, or to be used, as an IT toolkit for automating and supporting external processes of the Alliance and its Partners.

10. Performing IT audit and quality control (QA) processes regarding the software that is used, or should be used, as an IT toolkit for automating and supporting the processes of the Alliance and its Partners.

11. Carrying out other tasks of the Alliance's project management related to the IT competence of development and testing (QA) of the software that is used, or should be used, as an IT toolkit for automating and supporting the processes of the Alliance and its Partners.

12. Systematic reporting to the project management, in accordance with the approved procedures and regulations of the Alliance, regarding work results and monthly approval of work plans for the next ones reporting periods of project validity.

General requirements for candidates:

· Higher education.

· High level of motivation to work.

· Ability to work in a team and coordinate activities with other project participants.

· Ability to work under stress and tight deadlines.

<u>Concrete requirements for candidates depending on the tasks:</u>

1. Development of chat bots and mobile applications.

   Basic requirements:
   ▪Experience in developing telegram bots;

   ▪Experience with PHP5 / PHP7 from 2 years;

   ▪Python;

   ▪JavaScript;

   ▪Knowledge of SQL;

   ▪Working with PHP frameworks;

   ▪Ability to work with other people's codes;

   ▪Experience of at least 4 years in the field of IT.

2. Development of prediction models, in-depth statistical analysis.

   Basic requirements:
   ▪Machine Learning, R, Wolfram Mathematica, StatSoft Statistica, SAS, SAS Miner;

   ▪Skills for working with large volumes of data;

   ▪SQL;

   ▪Statistical Analysis, Data Mining;

   ▪Python;

   ▪MS Excel, MS Office, LaTex;

   ▪MicroStrategy (BI Analytics Tool);

   ▪Experience of at least 4 years in the field of IT.

3. Development of the process of automatic remote crediting of monetary rewards to program participants.

   Basic requirements:
   ▪practical experience of implementing integration processes using payment systems, including experience of implementing P2P solutions;

   ▪experience in building processes using telecommunication services, USSD requests and short numbers;

   ▪practical experience in developing and implementing client strategies and remote sales

channels;

▪having practical experience in implementing solutions using an event-oriented approach and tools for visual construction of processes;

▪confirmed current contracts with large Western companies;

▪experience in the market - at least 2 years with the implementation of similar tasks with at least 2 foreign companies during the last 12 months;

▪Experience of at least 4 years in the field of IT.

4. Support and development of websites.

Basic requirements:

Skills in working with Flash, JS, AS2, PHP, MySQL, Angular 2, 4, 5 (with Angular CLI), AngularJS 1.5 (with Gulp), RESTful API, OData for Oracle Database, JavaScript (TypeScript, CoffeeScript), JQuery, PrimeNG , ChartJS, HTML5, CSS3, HTML Preprocessor Pug (Jade), CSS Preprocessors, LESS, SCSS, Frameworks (CSS): ZURB Foundation 6, Bootstrap 3, GIT, ASP.NET MVC, ArcGIS, Google Maps, Open Street Maps, MongoDB (with Mongoose), Express, Angular, NodeJS, Python, SQL for ORACLEDatabase, Delphi, IBExpert, Informix (Server Studio).

5. Conducting an audit of the software that is used, or should be used, as an IT toolkit for automating and supporting the processes of the Alliance and its Partners.

Basic requirements:

▪Experience in managing IT projects;

▪testing of IT systems;

▪setting tasks for software development and conducting software IT audit projects;

▪Experience of at least 10 years in the field of IT.

▪Possession of IT tools:

Microsoft Office 2016, MS Project 2007\2010, MS Visio 2007\2010, VTune (test for Intel Platform), Visual Basic, SAP R\3, 1C Enterprise 8.0, HP Load Runner, HP QC, Rational ClearCase\ClearQuest, Mercury QuickTestProfessional 7.0, IBM Rational Software Modeler. Basic skills of working with: 3ds Max 6/3Dmax7 and QuickTestPro 7.0, Jira, bug-trackers, MSSQL.

6. Development, consulting, implementation and support of software on the DHIS2 platform.

Candidate requirements:

● Having a higher education, preferably in the field of information technology.
● Experience of professional communication with customers or end users.
● Confident command of a computer at the level of an experienced user.
● Training skills for users of different training levels.
● Experience working or using software products in the field of health care will be considered an advantage.

- Knowledge of key processes and indicators related to socially significant diseases, including PEPFAR and GAM indicators, will be an added advantage.

   Main duties:

- Organization and conducting of training sessions for users.
- Development and preparation of educational materials and methodological manuals.
- Formation of technical requirements based on user needs.
- Providing high-quality support and assistance to users.
- Conducting presentations of software products and solutions.
- Participation in acceptance testing and analysis of new functionality.

7. Development and consulting of the software implementation team on the DHIS2 platform

   Candidate requirements:

- Experience in developing and implementing systems on the DHIS2 platform.
- Cooperation with the Oslo Institute will be an advantage.
- Training skills for users of different training levels.
- Knowledge of key processes and indicators related to public health diseases, including PEPFAR and GAM indicators, will be an added advantage.

   Main duties:

- Organization and holding of training sessions for specialists.
- Development and preparation of educational materials and methodological manuals.
- Development of technical tasks and specifications.
- Execution of development tasks in accordance with the technical specifications.
- Conducting presentations of software products and solutions.
- Participation in acceptance testing and analysis of new functionality.

8. UI/UX designer.

   Candidate requirements:
- 3+ years of experience in UI/UX design;
- Fluency in design tools, especially Figma;
- Experience in designing interface patterns, UI elements, illustrations, icons;
- Confident mastery of the principles of composition and typography;
- Ability to generate and visualize interface solutions;
- Confident work with references and a deep visual library;
- Experience in UX research;
- Understanding of general principles of layout of digital products;

- The ability to qualitatively prepare a design layout for transfer to development;
- Experience in supporting design at all stages of its implementation.

Will be an advantage:
- Experience in creating clickable prototypes in Figma;
- Understanding of dark design patterns and features of their application;
- Technical design experience.

Main duties:
- Creation and updating of design layouts in Figma;
- UI/UX project audit, creation of a roadmap for improving the user experience;
- UI/UX analysis of competitors;
- Creation and updating of the design system;
- Conducting UX research.

Each candidate provides services and/or performs work during the term individually agreed with the leadership of the Alliance under a civil law contract. The presence of registration in the quality of FOP will be an advantage during competitive selection. It is also allowed to work for several or all candidates of the IT team under a single contract of a civil law nature from one FOP or other legal entity.

When performing certain tasks, the Alliance can compare price offers from consultants who will be selected under this tender.

Persons who have the status of civil servants cannot participate in the competition.

We offer: competitive salary and cooperation with a dynamic organization that is developing and focused on results.

For additional information on the activities of the Alliance, visit the website: www.aph.org.ua

Astaka Participation in the competition: please send your resume indicating your education and relevant experience to the address malakhova@aph.org.ua.

In the title of the message, specify: external (outsourcing) IT specialist.

Last date for submission of applications: 17 July 2024

The International Charitable Foundation "Public Health Alliance" adheres to the policy of equal opportunities and welcomes the participation of qualified persons from all walks of life in the competition.

Please note:

· Proposals of the same candidate for several positions in this competition are considered preferable. That is, preference is given to the most experienced and qualified candidates whose resume meets the requirements of several positions (see above).

· An additional interview is possible based on the results of the preliminary review of the participant's resume and motivation letter.

·The Alliance reserves the right not to inform the participants of the competition, who will not pass the selection, about its results and reasons for rejection.