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Because Health Workers Save Lives.

IntraHealth International Inc., CDC Project – Juba, South Sudan

Vacancy Announcement

Job Title   : Health Information System Analyst (DHIS2 Systems Analyst)
Location   : Juba, South Sudan
Contract Type   : Regular dependent on funding
Supervisor   : Health Information System Developer
No. of Post   : 1 position
Duration   : Regular with 3 months probationary period
Application Deadline: 4th May 2021
Start Date   : ASAP

[Stamp: MINISTRY OF LABOUR, REPUBLIC OF SOUTH SUDAN, JUBA — 15 APR 2021]

BACKGROUND:

IntraHealth International is anticipating funding from CDC to support the Ministry of Health (MOH) strengthen the capacity of South Sudan Public Health Institute; the surveillance, data management systems and processes and county-level M&E capacity for disease outbreak emergency response in South Sudan. In addition, IntraHealth in collaboration with the MOH and partners to improve the availability, quality, synthesis and communication of multi disease health data in the country. The DHIS2 system Analyst will be responsible for supporting the DHIS 2 system requirements analysis, documentation and support development and deployment of DHIS2 for data management. S/he will be based at the MOH and will lead health information systems technical analysis and advise the MOH on systems useability, costs as well as interoperability aspect.

ESSENTIAL FUNCTIONS/TASKS

- Conduct systems business analysis and detail the systems requirements to ensure the system configuration of different data sets and data elements result into the desired front-end system outputs
- Develop both functional and nonfunctional requirements for the DHIS 2 and other information systems used in country.
- Work closely with the system developer to ensure the system configuration meets the system analytics requirements
- Assist in development of user and technical documentation including manuals, reports and use case documentation
- Map and define variables that will be included in the system and write the data dictionaries,

- Manage the front-end aspects of the system to ensure the system is user friendly and responsive to the needs of the end users
- Develop work and data flow maps, data and program related standard operation procedures (SOPs) for different the overall DHIS-2 system and different programs for easy use of data and visuals
- Participate in systems software design engineering and computer programming
- Support the developers in the design and development of the dashboard for easy visualization of the data.
- Support in the interoperability systems design and work with the developers to ensure successful deployment of the interoperable system in South Sudan which will include LMIS, LMS and others.
- Ensure all the products meet quality standards and user satisfaction
- Perform system maintenance functions including adaptation and modification when necessary
- Work closely with systems developers and program staff to translate user requirements into detailed product specifications.
- Support the developers design DHIS2 instance configuration.
- Develop health program specific weekly / monthly dashboards to enable close data quality and program performance monitoring.
- Support the testing of the DHIS2 system in the production environment before going live.
- Maintain systems once they are up and running, coordinating deployments with the HISP South Sudan team.
- Support the developers conduct user acceptance testing (UAT) and use the findings to refine the system
- Develop training manuals for users and conduct training for the end users.
- Work with the country teams to develop and strengthen HMIS local capacity and use.
- Provide input on the integration and use of data management and HMIS to allow for more effective monitoring and evaluation of health programs
- Collaborate with the in-country teams to design, modify, and implement relevant SI tools and systems for site-level staff to conduct routine assessments of data management systems
- Support data quality assessments systems of in-country program data to ensure quality collection health data.
- Participate and contribute to open-source software communities of practice and champion and promote the Principles of Digital Development
- Additional duties as assigned

EDUCATION/EXPERIENCE REQUIREMENTS

- Master's degree or higher in Computer Science or related field.
- Minimum of 3 years of experience working with DHIS2 to configure the application front end and develop using the DHIS2 Web Application Programming Interface -API (experience with other open source software is a plus).

- Expert knowledge of Java, JavaScript, web technologies (HTML/CSS, LAMP (Linux, Apache, MySQL, PHP), PostgreSQL and JavaScript frameworks
- Experience developing software documentation
- Knowledge of principles of database design, data acquisition and data access analysis and design
- Knowledge of database performance tuning techniques
- Experience with front- and back-end web-based applications and familiar with various web service technologies.
- Experience working with agile and waterfall development methodologies.
- Ability to manage multiple, complex, detail-oriented tasks at once with limited supervision.
- Experience deploying and maintaining software on Windows and Linux servers; including cloud platforms
- Experience working in continuous integration/continuous delivery and deployment (CI/CD) environments with knowledge in Git.
- Ability to work in a dynamic and agile environment with changing requirements and priorities while completing tasks in a timely manner.
- Ability to work independently and within a team environment, with some of the team members being remote and providing support.
- Strong communication skills and an eye for detail
- DHIS2 certification and experience with DHIS2 tracker is a plus
- An understanding of public health sector and corresponding business processes; experience working on CDC/USAID or other donor-funded projects is a plus
- Ability and willingness to work extra time under difficult conditions

OTHER SKILLS
- Excellent interpersonal skills and demonstrated ability to interact professionally with diverse people, clients, and consultants.
- Strong coordination, communication, and organizational skills.
- Competences in assessing priorities manage a variety of activities (multi-tasking) in a time-sensitive manner and meet deadlines with attention to detail and quality
- Fluent in spoken and written English.
- Good report writing and presentation skills.

COMPETENCIES
- **Strategic Thinking** -Applies organizational knowledge to identify and maintain focus on key success factors for IntraHealth while recognizing, anticipating, and resolving organizational challenges. Ability to develop organization and industry-specific expertise and apply sound decision-making processes to reach productive resolutions that translates strategy into actionable business plans. Attention to details is particularly important.
- **Innovation** - Develops new, better or significantly different ideas, methods, solutions or initiatives that result in improvement of IntraHealth performance and meeting objectives, results and global commitments.

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- **Client Relationship Management** -Knowledge and ability to determine and satisfy client needs (internally and externally) and maintain partnering and productive relationships during engagements, including influencing, communicating, presenting, facilitating, and managing new relationships
- **Accountability** - Holds self and others accountable for all work activities, research and personal actions and decisions; follows through on commitments and focuses on those activities that have the greatest impact on meeting measurable high-quality results for IntraHealth success. Exercises ethical practices, respectful words and behaviors, and equitable treatment of others in all activities.
- **Service Excellence** - Knowledge of and ability to put into action customer service concepts, processes and techniques to access internal and/or external client needs and expectations and meet or exceed those needs and expectations through providing excellent service directly or indirectly.
- **Effective Communication (Oral and Written)** - Understands effective communication concepts, tools and techniques; ability to effectively transmit, explain complex technical concepts in simple, clear language appropriate to the audience; and receive, and accurately interpret ideas, information, and needs through the application of appropriate communication behaviors
- **Planning and Organizing** - Develops clear goals that are consistent with agreed upon strategies; identifies priority activities and assignments; adjusts priorities as required; allocates appropriate time and resources for completing work; foresees risks and allows for contingencies when planning; and monitors and adjusts plans and actions as necessary.
- **Interpersonal Relationships** - Knowledge of and the ability to effectively interact within and across Divisions, Departments/Country Offices in a constructive and collaborative manner.

Due to the urgency to fill this position, applications will be reviewed on a rolling basis.

Application Procedure

Interested and competent candidates can submit their application Letter, copy of National ID card, Academic Credentials and a Curriculum Vitae (CV) including contact details of 3 professional references who must be the most recent or current supervisor. Use this email address for submission Recruitment-SS@intrahealth.org

Hard copies of applications can also be dropped at IntraHealth International office located at Juba Nabari near American Residence, opposition Watoto Church, Plot No. 187 Block 3-K South, to the attention of the Human Resource Department.

Deadline for receiving applications is 17:00 hrs South Sudan Time on or before 4th May 2021.

This position is open to South Sudanese nationals ONLY.

IntraHealth International is an Equal Opportunity/Affirmative Action Employer

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