

STATEMENT OF WORK

Informatics & Data Use Advisor – Akros Research

Akros is recruiting an **Informatics & Data Use Advisor** to support the USAID funded Ingobyi Activity, a consortium led by IntraHealth International, that is collaborating with the Rwanda Ministry of Health to reduce preventable infant and maternal deaths, reduce the incidence of malaria, and bring high-quality, integrated health services to more Rwandan mothers, children, and adolescents. The Activity works in 20 districts to:

- Increase equitable access to reproductive, maternal, newborn, and child health and malaria services in targeted district
- Improve the quality of reproductive, maternal, newborn, and child health and malaria services along the continuum of care in targeted districts
- Strengthen the performance of the health system at both central and decentralized levels

Akros will contribute to these goals by promoting a virtuous data cycle and institutionalizing quality improvement approaches to health services. The **Informatics & Data Use Advisor** will be based in Kigali, Rwanda, seconded to the Ingobyi Activity office, and will provide implementation support to Akros for a broad range of activities related to health information systems and promotion of data use.

Position Overview:

The Informatics & Data Use Advisor will work closely with the Ingobyi M&E unit to provide training and continuous mentoring of health facility data managers. S/he will be responsible for building system users' capacity in DHIS2, developing resource materials and protocols, and driving demand for data quality and use. The Informatics and Data Use Advisor will also work with Akros to develop and utilize new technologies to address RMNCH and malaria implementation issues. This will likely entail creating, modifying and maintaining an intervention modelling platform.

Responsibilities:

- Provide programmatic guidance and technical assistance to strengthen knowledge management and data demand within the Ingobyi Activity and throughout all levels of the health sector.
- Create dashboards, maps, scorecards and other visualizations to increase the impact of community-led interventions by providing visual data about coverage and performance of RMNCH services.
- Support Ingobyi technical staff to access and use other data visualization technologies to aid interpretation of large datasets, for ongoing program monitoring and adaptability. E.g., Power BI, Tableau, QGIS, and other applications.
- Build capacity of technical staff in how to create and/or use data visualizations to analyse large datasets and use program data for decision-making.
- Coordinate with MOH/RBC administration regarding HMIS: recommend policy and procedures for the HMIS as they relate to the data, including system configurations, data elements to be collected, and access rights.
- Develop appropriate strategies and tools for strengthening the use of HMIS data, including creation of DHIS2 training resources, user guides, and data use protocols.
- Build capacity of data managers and quality improvement teams to implement tools and approaches through training and workshops.

- Build national, provincial, district, and facility level demand for and ability to use HMIS data for performance management, planning of health interventions, and quality improvement.
- Develop coherent and technology-appropriate solutions to increase the impact of RMNCH and malaria health interventions; identify specifications for meeting user requirements and coordinate with expert developers to build.
- Perform other duties as assigned

Qualifications

- Bachelor's degree in social sciences, public health, statistics, health informatics, knowledge management, or a related area from an accredited institution required. Masters preferred.
- Minimum of three years' experience in developing and maintaining health (or other) information systems.

Other Skills and Abilities:

- Demonstrated ability to analyze, interpret, and present data such that it can be easily understood and relevant for decision making. Expertise in Tableau and Power BI recommended.
- Strong communication and capacity-building skills including the ability to effectively transmit, explain complex technical concepts in simple, clear language appropriate to the audience.
- Expertise in DHIS2; ideal candidate will have worked with Rwanda HMIS instances.
- Working experience with KoBoToolbox.
- Experience in database design, data integration, and mapping.
- Professional fluency in oral and written English and Kinyarwanda.

Application Instructions

This position is open for immediate hire for an August / September 2021 start date. Candidates will be interviewed on a rolling basis and are encouraged to apply early. To apply, please submit a cover letter and CV with references to careers@akros.com with “**Application – Informatics and Data Use Advisor**” as the email’s subject line only.