UGANDA
KEY POPULATIONS
CONSORTIUM

IKIS DATA OFFICER TORS

1. Project Background

Uganda has made significant strides in addressing Key Population (KP) challenges, especially in areas related to HIV, TB, and Malaria, supported by a nexus of government departments, development partners, and KP communities. However, a glaring gap exists in the centralised and harmonised data collection, management, and utilisation, affecting programming efficiency, evidence-based decision-making, and effective resource allocation.

The recent challenges experienced during the COVID-19 pandemic underscored the pressing need for a unified, reliable, and accessible data system. Disparities in data sources, the absence of verifiable datasets, and a focus on client enrolment rather than addressing human rights barriers have created a complex data landscape.

Recognising this, the UKPC, in collaboration with UGANET & HRAPF, is spearheading the IKIS initiative. This system is envisioned to centralise, streamline, and enhance KP data management, ensuring a holistic approach to HIV, TB, and Malaria intervention strategies.

2. Project Objective

IKIS aims to create a unified platform for KP data collection, management, and coordination in Uganda. It seeks to bridge the existing data gaps, provide a reliable one-stop data hub, and build a robust body of knowledge to guide future KP-focused programming. By centralising data, the system also hopes to bolster the evidence-based approach to KP intervention strategies, enhancing effectiveness and impact.

3. System Features & Utility

Centralised Database: A comprehensive repository containing information ranging from client enrolment, care, and outreach to human rights-related barriers, ensuring data is easily accessible and up-to-date.

Stakeholder Accessibility: Designed to be used by a broad spectrum of stakeholders, from government agencies and development partners to KP communities and academia.

Harmonisation: Addressing discrepancies in data sources, IKIS will streamline and unify disparate datasets, eliminating contradictions and ensuring data integrity.

Human Rights Focus: Unlike other systems, IKIS will capture data not just on disease intervention but also on human rights barriers, ensuring a more comprehensive understanding of KP's challenges.

Capacity Building: In addition to data management, IKIS will act as a platform to enhance data collection capacities within the KP constituencies, fostering a culture of evidence-based decision-making.

4. Purpose of the Data Officer Role

UKPC wishes to hire a two data officers to lead and oversee data management activities associated with the Integrated KP Information System (IKIS), ensuring accuracy, consistency, and insightful data analysis.

5. Key Duties and Responsibilities

a) Data Collection and Integration

Oversee the data collection processes from diverse sources, ensuring timely and accurate data capture.

Collaborate with stakeholders to integrate and harmonize data inputs, ensuring consistency across datasets.

b) Data Quality Assurance

Implement data validation protocols to ensure data quality and integrity within IKIS.

Identify, investigate, and resolve data discrepancies and anomalies.

c) Data Analysis & Reporting

Conduct comprehensive data analysis to derive insights and support decision-making.

Generate periodic analytical reports from IKIS, catering to different stakeholders and objectives.

Collaborate with the project manager and stakeholders to understand reporting needs and deliver tailored data outputs.

d) Data Flow & System Integration

Work closely with the IT Officer/System Navigator to ensure seamless data flow within IKIS and related systems.

Ensure data backups and retrievals are performed regularly, maintaining data security and accessibility.

e) **Stakeholder Engagement**

Liaise with external partners, stakeholders, and data sources to streamline data collection and sharing processes.

Advocate for data-driven decision-making within the organisation and among stakeholders.

f) **Continuous Improvement**

Stay updated with best practices in data management, analysis tools, and methodologies.

Recommend improvements to data collection processes and analysis techniques, ensuring IKIS remains at the forefront of data innovation.

6. **Qualifications and Work Experience**

a) **Educational Qualifications**

A bachelor's degree in data science, Information Technology, Information Systems, Health Informatics, Monitoring and Evaluation Statistics, computer science, or a related field. A master's degree or relevant certifications would be advantageous.

b) **Experience**

- A minimum of 3 years of experience in data collection, management, and analysis.
- Experience working with large and diverse datasets, with a demonstrated ability to derive meaningful insights from data, well conversant with data analysis and computer systems with vast experience in monitoring and evaluation.
- An experience in DHIS2 software is an added advantage.