

**Title: DHIS2 Developer (consultant)****Location: Pretoria South Africa****Overview:**

Founded in 2002 by President William J. Clinton, the Clinton Health Access Initiative (CHAI) is a global health organization committed to strengthening integrated health systems around the world and expanding access to care and treatment for HIV/AIDS, malaria and other illnesses. Based on the premise that business oriented strategy can facilitate solutions to global health challenges, CHAI acts as a catalyst to mobilize new resources and optimize the impact of these resources to save lives, via improved organization of commodity markets and more effective local management. By working in association with governments and other NGO partners, CHAI is focused on large scale impact and, to date, CHAI has secured lower pricing agreements for treatment options in more than 70 countries. In addition, CHAI's teams are working side-by-side with over 30 governments to tackle many of the largest barriers to effective treatment and care.

Malaria is one of the world's most important causes of illness, death and lost economic productivity in Sub-Saharan Africa. Over the past decade, dramatic increases in donor funding have facilitated scale-up of effective interventions to prevent, diagnose, and treat malaria. This investment has successfully reduced the burden of malaria in many settings, and some countries have begun planning to eliminate it altogether. South Africa is well-positioned to be one of the first countries in southern Africa to eliminate malaria in the next few years, and CHAI is supporting South Africa in this goal. CHAI's malaria program provides direct management and technical support to countries around the globe to strengthen their malaria programs and reduce the burden of this preventable, treatable disease. We support governments to scale up effective interventions, with the goals of sustainably reducing the number of malaria-related illnesses and deaths worldwide in the short-term and accelerating progress towards malaria elimination in the long term.

**Terms of Reference:**

CHAI is seeking a highly motivated DHIS2 Developer to complete development of the National Department of Health's National Malaria Information System (MIS) on a DHIS2 platform. The MIS will be a centralized, web-based information system operating as part of a new Integrated Disease Reporting System housed at the National Institute for Communicable Disease (NICD). It will replace a series of legacy provincial databases. Initial development of the MIS and migration of historical case surveillance data has taken place as part of the NICD project. The DHIS2 Developer will be responsible for working collaboratively with stakeholders to complete development of the MIS. The Developer is expected to work timeously, with high regard for user acceptability. The DHIS2 Developer will also be responsible for supporting the program's transition from the legacy information system to the DHIS2 to ensure it operates effectively as an information system to drive good decision making in the program. Deliverables will include the following, and must be undertaken in accordance with the accompanying Business Requirements.

- Foci, Entomology, Indoor Residual Spraying, and Health Promotion modules – due 5 May 2017
  - Configure databases
  - Migrate historical data
  - Develop web and mobile data entry forms
  - Set up standard reports and dashboards
  - QA/QC/UAT testing
- Case Surveillance modules – due 5 May 2017
  - Collaborate with existing developers on the project to ensure the MIS operates as a streamlined, integrated, user friendly information system
  - Collaborate with existing developers on the project to ensure integration of the MalariaConnect USSD reporting system is accomplished in a streamlined, sustainable, user friendly, and timely manner
- System Administration – due 5 May 2017
  - Set up users, user groups, and permissions
- Support
  - Support planning for and implementation of a phased system roll out
  - Support transitioning maintenance of the system to permanent administrators
- Documentation – due 5 May 2017
  - Administration instructions
  - Handover documentation
  - Source code, which will be the property of the client and shared in full

**Qualifications:**

- Demonstrated experience setting up DHIS2 Aggregate systems for disease surveillance
- Advantages:
  - Demonstrated experience setting up the DHIS2 Tracker Capture, or other Applications
  - Deep knowledge of malaria program management and disease surveillance systems
  - Familiarity with the South African public health context