

CONSULTANCY TO SCALING OF THE AFRICA CDC CONTINENTAL PUBLIC HEALTH DATA INTELLIGENCE (HDI)

REQUEST FOR PROPOSALS

JULY 7, 2026

RFP No. ACDC/SDI/CS/02

The Africa Centres for Disease Control and Prevention (Africa CDC) invites qualified firms to submit proposals for the Scaling of the Africa CDC Continental Public Health Data Intelligence (HDI).

The service request for **Phase 2 of the HDI platform** is focused on enhancing and expanding the existing platform delivered in Phase 1, while preserving and reusing the current system architecture and investments.

Duration: 6 months

Location: Africa CDC, Addis Ababa, Ethiopia

Submission Deadline: JULY 7, 2026,

Submission Email: procurement@afriacdc.org

Interested firms are requested to submit their proposals in accordance with the requirements and instructions set out in the Solicitation Document.

Interested bidders must demonstrate experience in delivering large-scale data platforms, deploying solutions on both on-premises and cloud environments (especially Azure), and implementing federated public health and AI-driven systems. They should have strong open-source expertise, experience working with governments and sensitive health data, and the ability to enhance existing systems incrementally while preserving Phase 1 investments.

The Request for Proposal (RFP) document can be obtained upon request from the procurement contact.

Objective of the Phase 2

Phase 2 aims to enhance and scale the existing HDI platform to enable secure public health data sharing, advanced analytics and AI-driven disease intelligence, reliable performance in low-connectivity environments, and strong governance, privacy, and compliance controls. The project must ensure long-term sustainability and continue building on the existing Phase 1 platform without replacing or redesigning it, while clearly documenting reused components and unchanged architecture.

KEY OUTCOMES

- Clear project direction, aligned stakeholders, measurable performance tracking, and controlled project execution.
- A well-defined, scalable, and interoperable system architecture ready for implementation and future expansion

- Operational hybrid/cloud platform with high availability, synchronization, resilience, and reliable service continuity
- Improved data governance, transparency, accountability, secure data sharing, and regulatory control
- Enhanced analytical capability for surveillance, forecasting, prediction, and data-driven decision making.
- Stronger cybersecurity posture protected sensitive data, reduced risk exposure, and regulatory compliance readiness.
- Increased operational readiness, staff capability, knowledge retention, and smoother platform management.
- Sustainable transition to operational teams with continuity of support, institutional knowledge transfer, and long-term maintainability.

SCOPE OF WORK

The scope covers building the HDI into a **production-grade continental platform for Africa CDC** by enhancing the existing system rather than replacing it.

It includes:

- **Architecture & hybrid deployment:** on-prem + cloud system with failover, scalability, and federation across Member States
- **Data sovereignty & connectivity resilience:** countries keep control of data, with offline-capable and low-bandwidth support.
- **Strong data governance:** policies, access control, lineage tracking, auditability, and data quality monitoring
- **AI/analytics enablement:** validated, explainable models for public health insights and early warning.
- **Security & compliance:** zero-trust security, encryption, IAM, and full regulatory compliance with independent security testing
- **Operations & sustainability:** monitoring, runbooks, training, RTO/RPO, and full knowledge transfer to Africa CDC
- **Open-source ownership:** vendor-neutral system fully owned by Africa CDC with full source code access.
- **Governance-by-design:** enforcement of policies, workflows, and compliance built directly into the platform.
- **User-centric design:** system designed and validated around real users and operational workflows.

EXPECTED DELIVERABLES

The contractor will deliver **10 key outputs over**, each subject to validation (functional, security, performance, and user acceptance):

The project is delivered in **8 phased outputs over 24 weeks**, progressing from planning to full operational handover:

1. **Inception & Planning (Week 2)**
Establishes the project foundation, including workplan, KPIs, governance alignment, stakeholder mapping, and risk management.
2. **Architecture & Design (Week 4)**
Provides the approved system architecture, including interoperability design and hybrid/federated topology.

3. **Hybrid Deployment Implementation (Week 10)**
Delivers fully operational cloud and on-prem systems with failover, synchronization, and load balancing validated through testing.
4. **Governance Platform Enhancements (Week 14)**
Implements data governance features such as metadata cataloguing, lineage tracking, audit logs, and access controls.
5. **AI/ML Analytics Enablement (Week 18)**
Introduces operational predictive analytics models integrated into workflows with validated performance metrics.
6. **Security & Compliance Hardening (Week 20)**
Ensures strong cybersecurity (zero-trust, encryption, IAM) and compliance readiness aligned with standards like ISO 27001 / NIST.
7. **Operations & Training Package (Week 22)**
Provides full documentation, runbooks, training, and complete technical handover materials.
8. **Final Handover (Week 24)**
Formal project closure with consolidated documentation, lessons learned, and official sign-off by Africa CDC.

A complete set of the Solicitation documents in English language may be provided up on request from procurement@africacdc.org

The deadline for submission of proposals is 15:00 hours local time (Addis Ababa Time) on **07 July 2026**. Late submission shall not be accepted and shall be rejected.

Africa CDC encourages applications from eligible African and international firms with strong technical and implementation capacity.

The address(es) referred to above is (are):

Africa Centres for Diseases Control and Prevention,
Supply Chain Division
Administration Directorate
Lafto Square, Haile Garment,
Africa CDC Office, John Nkengasong Building Tower, 4th floor, Room No. 408

For clarification and requesting bidding / solicitation documents:

E-mail: **procurement@africacdc.org**

(Please submit your request for the bidding document and clarification to both emails)



Africa CDC is a continental autonomous health agency of the African Union established to support public health initiatives of Member States and strengthen the capacity of their public health institutions to detect, prevent, control and respond quickly and effectively to disease threats.

Safeguarding Africa's Health

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