

iRise Hub

CALL FOR TENDER

Technical Proposal Submission Template

Tender reference: IRH-DROUGHT-AI-2026-059

Project: AI-Enabled Somalia Drought Response Dashboard

Instructions: Complete all sections. Keep the solution architecture, data flows, AI approach, and risk register section within 20 if not less pages unless iRise Hub permits otherwise.

1. Cover Letter

Include bidder name, contact person, statement of interest, confirmation of understanding, validity of offer, and authorised signature.

2. Company Profile

Provide registration details, ownership, years of trading history, and statutory documents.

3. Relevant Experience

List completed projects in AI, machine learning, climate, food security, humanitarian response, Somalia, or comparable fragile contexts.

Project	Client	Country/Context	Scope	Date	Value (USD)

4. Project References

Provide at least one contactable client referee, including organisation, contact name, email, phone, project title, contract period, and scope delivered.

Client	Contact Name	Email	Phone	Project	Relationship

5. Understanding of the Assignment

Explain the bidder’s understanding of the dashboard, data integration needs, AI forecasting requirements, alerting requirements, security requirements, and handover expectations.

6. Proposed Technical Solution

Describe architecture, hosting model, data model, API approach, ETL pipelines, data quality controls, geospatial layer, dashboard modules, authentication, and observability.

7. AI Methodology and Validation

Describe proposed model methodology, data sources, training and validation approach, use of 2011, 2017, and 2022-2024 drought cycles, assumptions, performance metrics, and model risk controls.

8. Work Plan

Provide a weekly work plan for the three month delivery period aligned to the tender milestones.

Week	Activities	Deliverables	Responsible Team Member
Week 1			
Week 2			
Week 3			
Week 4			
Week 5			
Week 6			
Week 7			
Week 8			
Week 9			
Week 10			
Week 11			
Week 12			

9. Quality Assurance, Security, and Data Protection

Describe QA process, testing, penetration testing approach, data protection safeguards, access controls, audit logs, and incident management.

10. Risk Register

Identify technical, operational, data, security, delivery, and stakeholder risks with mitigation measures.

Risk	Likelihood	Impact	Mitigation	Owner

11. Sustainability and Handover Plan

Describe documentation, training, infrastructure handover, source-code transfer, credentials transfer, operational support, and Year 2/Year 3 run-rate planning.

12. Declarations

Confirm no sanctions listing, no fraud or corruption conviction, acceptance of tender terms, and ability to invoice in USD.