



AFRICAN DEVELOPMENT BANK GROUP



ECOWAS Regional Electricity Regulatory Authority (ERERA)

SPECIFIC PROCUREMENT NOTICE REQUEST FOR EXPRESSION OF INTEREST (REOI) (CONSULTANCY SERVICE - FIRM)

RECRUITMENT OF A FIRM FOR A DISASTER RECOVERY (DR) SERVICE FOR AN ENERGY INFORMATION AND DATABASE MANAGEMENT SYSTEM (EIDBMS)

COUNTRY : Ghana

NAME OF PROJECT : Regional Harmonization of Regulatory Frameworks and Tools for Improved
Electricity Regulation in ECOWAS (RHRFTIERE)

PROJECT ID : P-GH-A00-012

GRANT No. : 2100155041676

CONTRACT NAME : Recruitment Of A Firm For Disaster Recovery (DR) Services For An Energy Information
And Database Management System (EIDBMS)

IFB NO. : ERA/AFDB/RHRFTIER/LCS/06B/26

1.1 The ECOWAS Regional Electricity Regulatory Authority (ERERA) has received funding from the African Development Fund in the form of a “Grant” toward the cost of undertaking studies and developing appropriate tools and instruments to facilitate the harmonization of regional regulatory frameworks in the ECOWAS region.

1.2 The ECOWAS Regional Electricity Regulatory Authority (ERERA) has received financing from the African Development Bank towards the cost of **”Recruitment of a Firm for Disaster Recovery (DR) Services for an Energy Information and Database Management System (EIDBMS) (“The Project”)** and intends to apply part of the proceeds to recruit consulting services.

2.0 Background:

ERERA was established in January 2008 by the Authority of Heads of State and Government of ECOWAS to regulate cross-border electricity exchanges and support national electricity regulators in ECOWAS Member States. ERERA’s mandate is to promote transparent, predictable and harmonised regulations in the region and to support the development of a regional electricity market that attracts investment and delivers benefits to consumers.

The ECOWAS region is experiencing increasing electricity trade as a result of regional energy infrastructure projects developed within the framework of the West African Power Pool (WAPP). As regional electricity trade expands, ERERA requires reliable, secure and timely access to regulatory and market information to support evidence-based decision-making, market monitoring, tariff analysis, compliance oversight and regional benchmarking.

Under Component 3 of the RHFTIERE Project, ERERA is establishing an Energy Information and

Database Management System (EIDBMS) as a regional platform for the collection, validation, storage, analysis and dissemination of electricity sector and regulatory data. The EIDBMS will consolidate data from national regulatory authorities, utilities, WAPP and other relevant institutions, including data generated under the related project components on regulatory and utility KPIs, harmonised electricity tariff comparison and cost reflectivity assessment.

Given the strategic importance of the EIDBMS, ERERA requires a Disaster Recovery environment to ensure business continuity, data protection and timely restoration of critical services in the event of system failure, outage, cyber incident, data corruption, physical damage or any other disruptive event. The Disaster Recovery service will safeguard the integrity and availability of the EIDBMS, preserve institutional knowledge and support the continued delivery of reliable regulatory information services for the ECOWAS regional electricity market.

3.0 Context:

The RHFTIERE Project is a regional initiative designed to strengthen the sustainability of the electricity sector through effective, transparent, harmonised and enforceable regulatory frameworks, tools, processes and standards.

The EIDBMS is a core output of the Project and is expected to serve as ERERA's authoritative regional repository for electricity sector and regulatory data. Its effectiveness will depend not only on the development of the primary system, but also on the availability of a resilient Disaster Recovery arrangement capable of protecting data, supporting continuity of operations and ensuring recovery of services within agreed recovery objectives.

The Disaster Recovery assignment is therefore intended to complement the EIDBMS by providing the necessary infrastructure, systems, procedures and support arrangements to ensure that ERERA can continue to access and restore critical regulatory data and services when the primary environment is disrupted.

4.0 Objective of the Project:

A centralised Energy Information and Database Management System will be hosted at ERERA's primary site with authenticated access for Member Regulators and other authorised users. To protect this system, ERERA requires an independent, geographically separated and secure Disaster Recovery environment where a warm standby replica of the EIDBMS can be maintained and from which regulatory data services can be restored following an incident affecting the primary site.

The overall objective of this assignment is to deliver a fully operational, standards-compliant and secure Disaster Recovery environment that safeguards the continuity of the EIDBMS and related ERERA regulatory data services. The assignment shall support data replication, system recovery, business continuity, secure access, monitoring, failover and fallback procedures, testing, documentation and capacity building.

The Disaster Recovery solution is designed to meet agreed recovery objectives

5.0 Scope of Work:

The Firm shall provide a secure, resilient and professionally managed Disaster Recovery (DR) site capable of housing, powering, cooling, protecting, connecting and physically supporting ERERA's disaster recovery infrastructure.

The facility and associated services shall support ERERA's warm-standby environment and enable

recovery of critical ICT services following disruption or unavailability of the primary site.

The Firm shall be responsible for the availability and reliability of the data-centre facility and services under its control. ERERA shall retain responsibility for its ICT hardware, operating systems, databases, applications, replication technologies, backup systems and decisions relating to DR activation, failover and failback, except where otherwise expressly provided under the Contract.

5.1 In-Scope Services

For clarity, the following constitute the principal services included in this assignment:

1. **DR Site and Colocation:** Provision of secure quarter-rack colocation for ERERA's rack-mount warm-standby data-centre infrastructure (servers and associated storage, network and security appliances) in a certified Tier III facility.
2. **Power and Environmental Services:** Redundant power, backup power, cooling, environmental controls, fire protection and continuous environmental monitoring.
3. **Connectivity:** Dedicated connectivity, cross-connect and associated network services required for continuous replication and authorised DR traffic.
4. **Physical Security and Access:** Controlled facility access, physical security, surveillance, visitor management, access logging and authorised emergency/out-of-hours access.
5. **Monitoring and Incident Management:** Continuous monitoring (Health checks) of contracted DR appliances and connectivity services, incident response/incident notification management during failover events, escalation and service-level reporting.
6. **Remote-Hands Support:** On-site technical assistance performed on ERERA's authorised instructions for activities involving ERERA's DR equipment.
7. **DR Testing and Activation Support:** Facility, connectivity, access and remote-hands support during scheduled DR tests and authorised failover/failback operations, including conducting DR drills and failover testing at defined intervals (quarterly/semi-annual). Verification of data integrity and accessibility post-recovery. Reporting test results to stakeholders and outlining improvements.

5.2 Out-of-Scope Services

Unless expressly included elsewhere in the TOR or subsequently authorised through a formal contract amendment, the following shall remain outside the Firm's scope:

1. **ICT Hardware Supply:** Procurement or supply of ERERA's servers, storage systems, network/security equipment, spare parts or other ICT hardware which ERERA will provide and store on site.
2. **Operating Systems and Databases:** Installation, configuration, administration, licensing or patching of ERERA's operating systems and databases, except physical assistance specifically authorised under remote-hands services.
3. **Applications:** Installation, configuration, administration, licensing, maintenance, patching or application-level troubleshooting of ERERA's business applications.
4. **Replication and Application Recovery:** Installation, configuration or administration of replication software and design or execution of application/database-level failover and failback procedures.
5. **Backup Software:** Procurement or licensing of backup software, supply of backup media, or administration of ERERA's backup applications and policies unless separately contracted.

6. **Business Continuity and Business Process Recovery:** Business continuity, crisis-management and business-process recovery activities outside the contracted DR-site services.

The ECOWAS Regional Electricity Regulatory Authority (ERERA) now invites eligible firms to indicate their interest in providing these services for “**Recruitment of a Firm for Disaster Recovery (DR) Services for an Energy Information and Database Management System (EIDBMS).**”

Interested Firms must provide information indicating that they are qualified to perform the required services outlining proposed methodologies references related to the execution of similar assignments, experience in similar areas, or evidence of knowledge and a proposed timeline. Brochures, CVs of key personnel, and other supplementary materials.

Eligibility criteria, establishment of the short-list and the selection procedure shall be in accordance with the African Development Bank’s “Rules and Procedures for the use of Consultants” October 2015, which is available on the Bank’s website at www.afdb.org.

Interested individual consultants may obtain further information at the address below during office hours from 9.00am to 5.00pm Monday through Friday (excluding public holidays) at the address below from **11th September 2026**.

Expressions of interest must be delivered to the address below by **25th September 2026** on/or before 17:00 hours and marked: **Regional harmonization of regulatory frameworks and tools for improved electricity regulation in ECOWAS – “Recruitment of a Firm for the Disaster Recovery (DR) Services for an Energy Database Management System(EIDBMS)” - ERA/AFDB/RHRFTIER/LCS/06B/26**

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