



CRDB BANK PLC

OPEN FOR INTERNATIONAL COMPETITIVE BIDDING

REQUEST FOR EXPRESSION OF INTEREST FOR

Implementation of the Stress Testing System for CRDB Bank Plc

1. INTRODUCTION

1.1 About CRDB Bank

CRDB Bank Plc, hereinafter referred to as CRDB Bank, is a leading Financial Services Provider in Tanzania with current presence in Tanzania, Burundi and Democratic Republic of Congo (DRC) East Africa.

The Bank was established in 1996 and was listed on the Dar Es Salaam Stock exchange (DSE) in June 2009. Over the years, CRDB Bank has grown to become the most innovative and preferred financial services partner in the region. Supported by a robust portfolio and uniquely tailored products, CRDB Bank remains the most responsive bank in the region.

CRDB Bank offers a comprehensive range of Corporate, Retail, Business, Treasury, Premier, and wholesale microfinance services. The Bank has a TZS. 14 trillion loan portfolio that commands 27% of the market share www.crdbbank.co.tz

1.2 Background

CRDB Bank intends to implement an automated Group-wide Stress Testing Solution as part of its ongoing efforts to strengthen enterprise-wide risk oversight, support capital and liquidity planning, improve scenario analysis, and enhance resilience under adverse macroeconomic and idiosyncratic conditions. The proposed solution should support robust governance, transparency, auditability, and scalability across the Bank and its subsidiaries.

1.3 Purpose

This document has been issued to invite qualified bidders and solution vendors to express interest in the design, supply, implementation, integration, testing, training, commissioning, and post-implementation support of a Stress Testing Solution for CRDB Bank Plc and relevant group entities.

Responses received from interested vendors will be evaluated against pre-disclosed eligibility and qualification requirements. Bidders who meet CRDB Bank's minimum requirements may be shortlisted and invited to participate in the subsequent Request for Proposal (RFP) process.

1.4 Disclaimer

The envisioned outcome of this document is the receipt of Expression of Interest (EOI) submissions. CRDB Bank reserves the right not to initiate the subsequent RFP process.

Further, this document shall not be construed as a request or authorization to perform work at the expense of CRDB Bank. Any work performed and/or expenditure incurred to facilitate submission of an EOI, will be at the respondent's own discretion and expense.

CRDB Bank reserves the right to accept or to reject any EOI submission or response, and to annul the process and reject all responses at any time during the EOI evaluation, without thereby incurring any liability to any bidder.

2. About the Request

Stress testing solution must cover the full spectrum of risks that can materially impact a financial institution's capital, liquidity, profitability, and strategic resilience. The system should be scalable to adopt other emerging risks as they arise.

2.1 Required solution

The proposed solution must at minimum be able to meet the following:

Credit Risk

The system is expected to provide comprehensive, exposure-level credit risk stress testing across all portfolios covering detailed borrower, facility, collateral, and behavioral data, and applying macroeconomic and idiosyncratic scenarios to compute stressed Probability of Default (PD), Loss Given Default (LGD), and Exposure

at Default (EAD). It should model risk grade migrations, delinquency transitions, collateral value shocks, sector-specific stress impacts, and sovereign risk deterioration, while producing forward-looking Expected Credit Loss (ECL) projections consistent with IFRS 9 and Basel regulatory requirements.

The system must automatically generate stressed outcomes over multiple horizons, quantify impacts on capital, provisions, and portfolio quality, and provide drill-down analytics from enterprise level to individual exposures. It should also support management overlays, scenario comparisons, concentration analysis, and full auditability of all assumptions, parameters, and outputs, enabling the institution to understand vulnerabilities, assess resilience, and fulfil ICLAAP and regulatory (Bank of Tanzania) reporting expectations.

Liquidity Risk

The system is expected to provide comprehensive, enterprise-wide liquidity risk stress testing, monitoring, and forecasting across all funding sources, cash-flow positions, off-balance-sheet exposures, and collateral pools. It must integrate contractual and behavioural liquidity data, apply macroeconomic, market-wide, and idiosyncratic stress scenarios including bank-run dynamics and compute stressed liquidity ratios, cash-flow gaps, counterbalancing capacity (CBC), survival horizons, and regulatory liquidity metrics such as LCR and NSFR.

The system must model rapid deposit outflows, wholesale funding withdrawals, severe name-specific events, collateral calls, and market liquidity deterioration, while generating forward-looking projections consistent with Basel III, ILAAP, and Bank of Tanzania liquidity-risk expectations. It should automatically generate stressed liquidity outcomes over multiple horizons, quantify impacts on liquidity buffers and funding stability, and provide drill-down analytics from enterprise level to individual funding sources or deposit cohorts. The solution must support scenario comparisons, management overlays, concentration analysis, and complete auditability of all assumptions, parameters, and outputs, enabling the institution to understand vulnerabilities, assess resilience, and meet internal and regulatory requirements.

Market Risk

The system is expected to provide comprehensive market-risk stress testing across both trading and banking book exposures, applying interest rate, foreign exchange, equity, and commodity shocks under a variety of historical, hypothetical, and forward-looking scenarios. It should support full revaluation and sensitivity-based

calculations, allowing assessment of stressed P&L, valuation adjustments, and changes in key risk measures across risk factors and portfolios. The solution must enable modelling of severe but plausible shocks, correlation breakdowns, volatility spikes, and liquidity dislocations, while providing multi-horizon projections, scenario comparisons, and drill-down views from entity level to individual positions. It should also support robust governance, including scenario design workflows, model validation, challenger models, independent reviews, and comprehensive audit trails. The system must ensure transparency across pricing models, parameter sets, valuation inputs, and resulting stressed outputs, enabling the institution to fully understand market vulnerabilities, assess capital adequacy impacts, and support ICLAAP, risk appetite monitoring, and management decision-making.

Interest Rate Risk on Banking Book

The system is expected to provide advanced interest-rate risk assessment for the banking book by modelling the sensitivity of both Economic Value of Equity (EVE) and Net Interest Income (NII) under a range of interest-rate shock scenarios. It should support parallel and non-parallel yield-curve shifts, currency-specific shocks, optionality modelling, and behavioural assumptions related to non-maturity deposits, prepayments, and early redemptions. The system must generate multi-horizon projections, scenario comparisons, and attribution analysis, enabling full traceability of changes in risk metrics to underlying curve shifts, behavioural dynamics, and portfolio structure. It should support robust governance, including scenario design and approval workflows, behavioural model validation, documentation of assumptions, and complete auditability of outputs and model versions.

Operational Risk

The system is expected to support comprehensive scenario-based operational-risk stress testing by integrating expert judgment, historical internal losses (including fraud), external loss data, control assessments, and risk indicators to estimate severe but plausible operational loss scenarios. It should allow modelling of a wide range of event types, including fraud, cyber incidents, legal/compliance risks, processing errors, and system outages. The system must enable structured scenario workshops, parameter calibration, loss-distribution modelling, scenario aggregation, and sensitivity testing. It must also provide governance controls, independent review mechanisms, documentation of assumptions, and full traceability of scenario design and execution. Outputs must support capital assessments, risk appetite monitoring, and enterprise resilience planning.

Strategic / Business Risk

The system is expected to support quantitative assessment of strategic and business-model risks through structured management overlays reflecting revenue pressure, margin compression, cost escalations, competitive shifts, and regulatory changes. It should allow incorporation of forward-looking macroeconomic conditions, market dynamics, and business-unit drivers to quantify their impacts on earnings, capital, and liquidity trajectories. The system must enable scenario development, governance workflows, documentation of rationale, and consistency checks across credit, market, liquidity, and other risk categories to prevent double-counting. Outputs should support ICAAP, strategic planning, Board-level discussions, and risk appetite monitoring.

Climate Risk Financial Risks

The system is expected to deliver comprehensive, exposure-level climate risk stress testing across all portfolios, integrating both physical and transition climate risk drivers into borrower, sector, collateral, and geographic data. It should apply climate-aligned macroeconomic pathways, physical hazard maps, and transition-policy scenarios aligned with NGFS, UNEP FI, and regulatory supervisory expectations to quantify impacts on default risk, liquidity, collateral impairment, business continuity, and capital adequacy. The system must compute climate-adjusted Probability of Default (PD), Loss Given Default (LGD), and Exposure at Default (EAD), incorporating hazard intensity, sector-specific transition sensitivities, emissions profiles, and borrower climate vulnerability.

It should model forward-looking changes in risk grades, asset quality deterioration, collateral devaluation across exposed regions, and sectoral transition shocks (e.g., carbon tax effects, stranded assets, energy-price scenarios). The system should produce climate-consistent Expected Credit Loss (ECL) projections, quantify impacts on capital and provisions, and generate multi-horizon climate stress outputs aligned with ICAAP, ESG, and Bank of Tanzania climate-related risk management expectations. The solution must support scenario comparisons, concentration analysis, heatmaps of physical/transition exposure, and full traceability of all assumptions, parameters, and model transformations.

Cyber security Risk

The system is expected to support quantitative and qualitative assessment of Cybersecurity risks as part of enterprise stress testing. This includes evaluating the

impact of cyber incidents, data breaches, system outages, and ICT vulnerabilities on earnings, capital, and liquidity. The system should allow structured scenario development, workflow governance, and integration with other risk categories to understand the cascading effects of cyber events on credit, liquidity, market, operational, and strategic risks. Output should support regulatory reporting, Board-level discussions, and enterprise risk appetite monitoring.

2.2 Eligibility

Original Equipment Manufacturers (OEMs), authorized implementation partners, system integrators, value-added resellers, or software development companies that offer a suitable Stress Testing Solution may respond to this request for Expression of Interest, provided they can demonstrate relevant financial-sector experience, legal capacity, implementation capability, and the right to license, configure, support, and maintain the proposed solution.

Qualifying organizations may associate or form a joint venture with other organizations for purposes of enhancing the value proposition to CRDB Bank; however, the prime bidder shall clearly identify all partners, their respective roles and responsibilities, and provide evidence of the legal and contractual arrangements governing the association.

The following scenarios may lead to disqualification of submitted EOI responses and exclusion from the subsequent RFP process:

- failure to adhere to the prescribed response format and standard templates (refer to Appendix);
- failure to provide complete and accurate information, including supporting documentation requested in this EOI;
- failure to demonstrate relevant experience in comparable financial-services implementations and the capacity to deliver the proposed solution;
- failure to disclose conflicts of interest, ongoing litigation, regulatory sanctions, material project terminations, or adverse findings that may affect the bidder's suitability;
- late EOI submission (refer to Section 2.6).

2.3 Registration of interest to participate in EOI tenders@crdbbank.co.tz

Qualifying bidders are required to register their interest by sending an email to tenders@crdbbank.co.tz. As a minimum, the following information should be included in that email:

- i. Organization name and country of registration;

- ii. Contact person and address, including email and phone number;
- iii. Propose to associate or form a joint venture with other organisations <Yes/No>;
and
- iv. If <Yes> on 3 above, provide details of association/joint venture partner(s).

Deadline for registration of interest by qualifying organizations: **19th June 2026.**

2.4 Content of the EOI Submission

As a minimum, EOI submissions should include the following information and should be presented using the templates included in the Appendix section of this document. CRDB Bank may request clarifications, supporting documents, demonstrations, or additional due diligence information during the evaluation process.

2.4.1 Summary of company information

Please complete the following table

Company Background	
Company Name:	
Company Location:	
<i>Location of corporate headquarters:</i>	
<i>Location of nearest office/location to Tanzania:</i>	
Experience	
Years of experience:	
<i>Number of years in business:</i>	
<i>Number of years providing Implementations of the proposed solution:</i>	
Customer Base:	
<i>Number of clients:</i>	
<i>Number of clients using the version of the software being proposed:</i>	
Terminated Projects:	
<i>List any terminated implementation projects. Please disclose the</i>	

<i>jurisdiction and explain the reason for termination:</i>		
Organization Size		
Total Revenue:		
<i>If Vendor is a subsidiary, identify revenues of proposing company/division by year:</i>	2025	
	2024	
	2023	
	2022	
	2021	
	2010	

2.4.2 About the firm and the solution

EOI Section	Nature of expected content	Template provided
Company Profile	<ul style="list-style-type: none"> Company name and identity of proposed solution; Organisation profile (company and association/joint venture partner(s)); and Information demonstrating firm's operational and technical capacity to deliver work to CRDB Bank. 	Yes, refer to appendix A.1, A.2, A.3, A.4 and A.5
Firms Experience and References	<ul style="list-style-type: none"> Details of experience in implementations of Stress Testing System in the Financial Services industry in last 7 years. 	Yes, refer to appendix B
Approach and methodology	<ul style="list-style-type: none"> Outline the typical or recommended approach and methodology proposed by your firm for the supply, implementation, integration, testing, training, and commissioning of the proposed solution; Include a high-level response on how the respondent and proposed solution 	Not provided. Submission should show how each requirement is addressed.

EOI Section	Nature of expected content	Template provided
	<p>will meet each of the required solution features in Section 2.1;</p> <ul style="list-style-type: none"> • Provide a high-level project plan and indicative timeline, including key workstreams, stage gates, environments, testing cycles, sign-offs, training, cutover, and hypercare/support arrangements; • Describe expected client dependencies, assumptions, data requirements, integration dependencies, and key implementation risks together with proposed mitigants; • Explain the governance approach for model configuration, validation support, auditability, change control, and post-implementation knowledge transfer; and • Indicate the phase or stage deliverables. <p><i>Limited to a maximum of 6 pages</i></p>	
<p>Information security, cybersecurity and data protection</p>	<ul style="list-style-type: none"> • High-level information on the bidder's cybersecurity framework, secure software development practices, access controls, encryption, logging, incident management, vulnerability management, and relevant certifications or independent assurance reports; • Description of hosting model, data residency options, subcontractor 	<p>Not provided. Bidder should submit a concise narrative and supporting documents where available.</p>

EOI Section	Nature of expected content	Template provided
	<p>dependencies, and controls for protecting confidential bank data; and</p> <ul style="list-style-type: none"> Description of how the solution supports audit trails, segregation of duties, user access governance, and evidential records for regulatory and internal audit purposes. 	
<p>Operating model, support and service capability</p>	<ul style="list-style-type: none"> Proposed delivery model, implementation governance, key roles, local and regional support arrangements, and availability of product specialists; High-level support model covering service desk, issue escalation, maintenance, upgrade policy, release management, and business continuity/disaster recovery support; and Indicative service levels and response commitments for critical, high, medium, and low severity incidents. 	<p>Not provided. Submission should clearly describe support and operating arrangements.</p>
<p>Declarations and disclosures</p>	<ul style="list-style-type: none"> Declaration of any actual, potential, or perceived conflicts of interest; Disclosure of any material litigation, regulatory enforcement actions, sanctions, insolvency events, or terminated projects in the last five years; and Confirmation that all information submitted is true, accurate, and complete. 	<p>Not provided. A signed declaration is recommended.</p>

EOI Section	Nature of expected content	Template provided
Certificate of incorporation	<ul style="list-style-type: none"> Valid certificate of incorporation 	N/A
Current tax compliance certificate	<ul style="list-style-type: none"> Valid certificate issued by appropriate tax body, with jurisdictional authority where the bidding organization is registered. 	N/A
Audited financial statements for the last three (3) years.	<ul style="list-style-type: none"> Audited financial statement for 2025, 2024 and 2023. 	N/A

In line with procurement and banking-sector best practice, respondents should provide sufficiently detailed information to enable CRDB Bank to assess functional fit, implementation capability, governance, cybersecurity, data protection, support model, and the respondent's overall suitability as a long-term technology partner.

2.5 Clarifications and submissions

- EOI responses must be submitted to the Secretary, Management Tender Committee, CRDB Bank Plc via email to tenders@crdbbank.co.tz and must reach CRDB Bank no later than **30th June 2026** at 12pm East Africa Time. For ease of reference, the subject of the email should be **Expression of Interest for the Implementation, Testing and Commissioning of the Stress Testing Solution**.
- Where the submission is larger than **10MB**, the respondent may split the submission into more than one email or share the files through an appropriate secure file-transfer method, with the access details communicated by email.
- EOI respondents are required to use the prescribed response format and template (see Appendix section) when preparing their responses. Failure to adhere to the prescribed templates may lead to disqualifications.
 - Respondents should clearly mark any information considered confidential or commercially sensitive; however, CRDB Bank reserves the right to use submitted information for evaluation, internal review, due diligence, and governance purposes.
- The format of the submission should be in PDF.
 - CRDB Bank may, at its discretion, request presentations, product demonstrations, reference checks, proof of authorisation from the OEM,

additional due diligence information, or clarification meetings as part of the evaluation process.

- Respondents who fail to adhere to the below instructions may be eliminated from the EOI evaluation process, and all other subsequent system selection and evaluation processes.
- Requests for clarifications should be submitted in writing by way of email to tenders@crdbbank.co.tz. CRDB Bank will not be liable for any delayed clarification requests sent beyond the stated deadlines. Deadline for submission of clarification requests is **24th June 2026** at 5pm East African Time.

2.6 Key Dates

For your reference, the following key dates apply.

Date	Activity
3 June 2026	Publish request for Expression of Interest
19 June 2026	Deadline for registration to participate in the EOI process by qualifying organisations
24 June 2026	Deadline for receiving requests for clarifications
30 June 2026	Deadline for receiving responses to the EOI 12pm EAT
30 June 2026	EOI Read out via MS Teams (link to be shared via mail) 4pm EAT

APPENDIX – RESPONSE FORMATS AND TEMPLATES

A. Company Profile Format

A.1 – Proposing Company

Required information	Details
Name	
Year of Incorporation	
Registered office address	
Key contact details (email and day contact details)	
Key contact details (email, telephone number, and primary bid contact)	
Number of implementations of the proposed Stress Testing System	
Relevant financial-services references in the last seven (7) years	

A.2 – Association (Joint Venture or Subcontracting, where applicable). This form is to be completed separately for each party.

Required information	Details
Nature of association (Joint Venture or subcontractor)	
Names of party	
Year of incorporation of all parties	
Registered office address of all parties	
Key contact details of the prime partner (email and day contact details)	

Number of years implementing the proposed Stress Testing System.	
Number of implementations of the proposed the Stress Testing Solution	

A.3 - Proposed solution

Required information	Details
Name of the proposed solution	
Version of the proposed the Stress Testing System	
Name of the Original Equipment Manufacturer (OEM)	
Where necessary, confirmation of legal capacity/authorization to provide licenses and/or services on behalf of OEM (Attach the Manufacturers Authorization form)	
Summary of key security, audit trail, and user-access control capabilities	
Brief description of integration capabilities and key interfaces	
Hosting option and data residency model proposed	

A.4 - High level summary of experience of the company

Summary list of clients, where similar work has been performed:

Name of client	Size of client (Financial, number of customers, or employee size)	Type of client (e.g. commercial bank / Fintech / Sacco etc)	Client Country	Modules implemented

Client 1				
Client 2				
Client... N				

A.5 - High Level Summary of qualifications of the proposed team

Name of staff	Area of expertise*	Number of Stress Testing Solution implementations	Years of Experience	Academic Qualifications
Staff 1				
Staff 2				
Staff 3				
Staff... N				

Notes

*Areas of expertise: For example – Stress Testing Solution, etc

Respondents are encouraged to include key implementation roles such as project manager, solution architect, risk/stress testing specialist, data/integration lead, and support lead, where applicable.

B. Specific firm experience/reference template.

Country:	Duration of assignment(Months):
Location within country:	Total Number of staff-months of the assignment:

Address:	Approx. value of the services provided by your firm under the contract (US\$):
Start date (Month/year): Completion date (Month/year):	No of professional staff-months provided by associated consultants:
Name of associated consultants, if any:	Name of senior professional staff of your firm involved and functions performed (indicate significant profiles such as Project Director/Coordinator, Project Manager, and Module Leads etc.).
Name and version of the Stress Testing System implemented:	Modules implemented:
Stress Testing Solution? Yes/No	
Narrative description of the project:	
Description of actual services provided by your staff within the assignment:	