

# Request for Proposal (RFP) - Security Enhancement Development

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## Executive Summary

Retail Solutions Ltd is committed to modernizing its e-commerce platform to enhance security and streamline operations. We are seeking a seasoned development team specialized in DevOps automation to help us achieve this objective. The selected team will collaborate closely with our internal staff to implement robust security measures while ensuring the platform's scalability and performance.

## Project Overview

**Project Name:** Security Enhancement Development

**Client:** Retail Solutions Ltd

**Project Type:** E-commerce Modernization

**Project Duration:** 7 months

**Team Size:** 12 people

**Budget Range:** \$100K - \$250K

**Start Date:** January 20, 2026

**Location:** Nairobi, Kenya (Remote Work Allowed)

## Business Context

As the retail sector continues to evolve, the threats to online transactions and customer data have escalated. Our goal is to enhance our security framework while modernizing our e-commerce platform. This project will not only safeguard our operations but also improve customer trust and satisfaction.

## Objectives

- Implement DevOps automation to streamline deployment processes.

- Enhance application security and data protection.
- Modernize existing systems to support microservices architecture.
- Optimize performance and scalability of the e-commerce platform.

## Technical Requirements

### Preferred Skills

- **Microservices:** Intermediate level (Preferred certifications: Google Cloud Professional)
- **Python:** Expert level (Preferred certifications: Certified Kubernetes Administrator)
- **MongoDB:** Advanced level
- **TypeScript:** Intermediate level
- **Kubernetes:** Expert level (Preferred certifications: AWS Certified Solutions Architect)

### Required Skills

- **JavaScript:** Intermediate level (Preferred certifications: Google Cloud Professional, AWS Certified Solutions Architect)
- **Angular:** Expert level (Preferred certifications: Certified Kubernetes Administrator)
- **PostgreSQL:** Intermediate level (Preferred certifications: AWS Certified Solutions Architect, Certified Kubernetes Administrator)
- **AWS:** Expert level (Preferred certifications: Certified Kubernetes Administrator, Google Cloud Professional)

## Expected Team Profile

- **Project Manager:** Experienced in agile methodologies and team leadership.
- **DevOps Engineer:** Expertise in CI/CD processes and cloud environments.
- **Frontend Developers:** Proficiency in Angular and JavaScript for user interface development.
- **Backend Developers:** Strong skills in PostgreSQL, AWS, and microservices architecture.

- **Database Administrator:** Experience in managing PostgreSQL and MongoDB.
- **Security Specialist:** Focused on implementing security best practices and protocols.

## Timeline

| Milestone | Due Date | |-----|-----| | RFP  
Submission Deadline | [Insert Date] | | Proposal Evaluation | [Insert Date] | | Team  
Selection | [Insert Date] | | Project Kick-off | January 20, 2026 | | Phase 1 Completion  
| [Insert Date] | | Phase 2 Completion | [Insert Date] | | Final Review and Acceptance |  
[Insert Date] |

## Budget

The overall budget for this project ranges from **\$100,000 to \$250,000**. Proposals should include a detailed breakdown of costs associated with the development effort.

## Proposal Guidelines

Interested parties must submit their proposals by **[Insert Deadline]**. Proposals should include:

- A cover letter summarizing the team's qualifications.
- Detailed project plan and timeline.
- Resumes of key team members.
- Relevant case studies or examples of similar projects.
- Breakdown of costs and payment terms.

## Acceptance Criteria

Proposals will be evaluated based on the following criteria:

- Demonstrated experience and expertise in the required technologies.
- Quality of previous work and references.
- Proposed timeline and deliverables.

- Cost-effectiveness and budget management.

## Evaluation Process

The evaluation process will include:

1. Initial review of proposals.
2. Shortlisting of candidates for interviews.
3. Final selection based on interviews and references.

## Contact Information

For additional information or inquiries regarding this RFP, please contact:

**Name:** [Contact Person]

**Email:** [Contact Email]

**Phone:** [Contact Phone Number]

We look forward to receiving your proposals and working together to enhance our e-commerce platform's security. Thank you for your interest in partnering with Retail Solutions Ltd.