Request for Proposal (RFP) for Mobile App Development

Executive Summary

Retail Solutions Ltd is seeking proposals from experienced mobile app development teams for the creation of a robust API Integration Platform. This project aims to enhance our operational efficiency through advanced DevOps automation and machine learning capabilities. The project duration is set for 17 months, and we expect a team of six skilled professionals to deliver on our requirements.

Project Overview

Project Title: Mobile App Development
Client: Retail Solutions Ltd
Project Type: API Integration Platform
Location: Jennatown
Remote Work: Allowed
Start Date: November 28, 2025
Duration: 17 Months
Team Size: 6 People
Budget Range: $250,000 - $500,000

Business Context and Objectives

In the rapidly evolving retail landscape, our objective is to leverage technology to streamline processes and improve service delivery. The API Integration Platform will facilitate seamless connectivity between various

services and systems, enhancing our capabilities in data management and customer engagement. Key goals include:

- Automating DevOps processes to reduce manual intervention and increase deployment speed.
- Integrating machine learning algorithms to provide predictive insights and improve decision-making.
- Ensuring scalability and flexibility of the application through microservice architecture.

Technical Requirements

The ideal development team should possess expertise in the following areas:

- **Machine Learning:** Advanced level (Preferred certifications: Google Cloud Professional, AWS Certified Solutions Architect)
- **Microservices:** Intermediate level (Preferred certifications: Google Cloud Professional, AWS Certified Solutions Architect)
- **JavaScript:** Advanced level (Preferred certifications: Certified Kubernetes Administrator)
- **DevOps:** Advanced level (Preferred certifications: Certified Kubernetes Administrator)
- **Java:** Advanced level (Preferred certifications: AWS Certified Solutions Architect, Google Cloud Professional)
- **Angular:** Expert level (Preferred certifications: Certified Kubernetes Administrator)
- **Docker:** Expert level (Preferred certifications: AWS Certified Solutions Architect, Google Cloud Professional)
- **TypeScript:** Intermediate level
- **Django:** Advanced level (Preferred certifications: Certified Kubernetes Administrator, AWS Certified Solutions Architect)
- **Node.js:** Advanced level (Preferred certifications: Certified Kubernetes Administrator, AWS Certified Solutions Architect)

Expected Team Profile

We are looking for a well-rounded team with the following profiles:

1. **Machine Learning Engineer**: Expertise in machine learning algorithms, data analysis, and model deployment.
2. **DevOps Engineer**: Skilled in CI/CD processes, containerization (Docker), and cloud infrastructure management.
3. **Java Developer**: Proficient in Java programming, API development, and microservices architecture.
4. **Frontend Developer**: Expertise in Angular, JavaScript, and responsive design.
5. **Backend Developer**: Proficient in Django, Node.js, and RESTful API design.
6. **Quality Assurance Engineer**: Skilled in automated testing and quality assurance practices.

Timeline

- **RFP Release Date:** [Insert Date]
- **Proposal Submission Deadline:** [Insert Date]
- **Vendor Selection:** [Insert Date]
- **Project Kick-off:** November 28, 2025
- **Project Completion:** April 30, 2027

Budget

The estimated budget for this project ranges from **$250,000 to $500,000**. Proposals should include a detailed breakdown of costs associated with development, testing, deployment, and maintenance.

Proposal Guidelines

Interested parties should submit their proposals that include the following:

- Company overview and relevant experience
- Detailed project plan and timeline

- Team member profiles and qualifications
- Case studies or examples of similar projects completed
- Financial proposal and payment terms
- Any additional value-added services or recommendations

Deliverables and Milestones

- **Milestone 1:** Project Initiation and Requirement Analysis (Completion Date: [Insert Date])
- **Milestone 2:** Development of Core Features (Completion Date: [Insert Date])
- **Milestone 3:** Integration of Machine Learning Models (Completion Date: [Insert Date])
- **Milestone 4:** User Acceptance Testing (Completion Date: [Insert Date])
- **Milestone 5:** Final Deployment and Handover (Completion Date: April 30, 2027)

Acceptance Criteria and Evaluation Process

Proposals will be evaluated based on the following criteria:

- Technical expertise and relevant experience
- Understanding of project requirements and objectives
- Quality of team profiles and proposed methodologies
- Cost-effectiveness and financial viability
- Proposed timeline and adherence to deadlines

Shortlisted vendors may be invited for an interview or presentation to further discuss their proposal.

Contact Information

For any inquiries regarding this RFP, please contact:

Name: [Contact Person's Name]
Title: [Contact Person's Title]

Email: [Contact Person's Email]
Phone: [Contact Person's Phone Number]

Proposal Submission: Please send your proposals via email to [Contact Email] by [Submission Deadline].

Thank you for your interest in partnering with Retail Solutions Ltd. We look forward to your proposals and to a successful collaboration.