Request for Proposal (RFP)

Cloud Migration Project Development

Client: MedTech Industries
Project Type: Security Enhancement
Duration: 14 months
Team Size: 10 people
Budget Range: $1M - $2M
Start Date: 2025-10-04
Location: Michaelside
Remote Work: Not allowed

Executive Summary

MedTech Industries is seeking proposals from experienced development teams to undertake a comprehensive cloud migration and e-commerce modernization project. This initiative aims to enhance the security and efficiency of our current e-commerce platform while ensuring compliance with industry standards. We require a skilled team that can deliver high-quality results within the specified timeline and budget.

Project Overview

The primary objective of this project is to transition MedTech Industries' e-commerce platform to a more secure, scalable, and efficient cloud infrastructure. The development team will be responsible for implementing cloud solutions that adhere to best practices in security and performance. The project will focus on modernizing our technology stack, improving user experience, and ensuring seamless operations.

Business Context

With the rapid evolution of e-commerce technologies and increasing cybersecurity threats, MedTech Industries aims to stay ahead of the curve by modernizing our platform. This project is crucial for maintaining our competitive edge and ensuring the safety of our customer data.

Objectives

- Transition the e-commerce platform to a secure cloud environment.
- Enhance security measures to protect sensitive customer information.
- Improve system performance and scalability.
- Modernize the technology stack to leverage the latest advancements.

Technical Requirements

Required Skills

- **Java:** Expert level (Preferred certifications: Google Cloud Professional, Certified Kubernetes Administrator)
- **AWS:** Advanced level
- **React:** Advanced level
- **Docker:** Advanced level (Preferred certifications: Certified Kubernetes Administrator, Google Cloud Professional)

Preferred Skills

- **Node.js:** Intermediate level (Preferred certifications: Certified Kubernetes Administrator)
- **PostgreSQL:** Expert level
- **TypeScript:** Advanced level (Preferred certifications: Google Cloud Professional, AWS Certified Solutions Architect)

Expected Team Profile

The ideal team will consist of 10 professionals with the following profiles:
1. **Java Developers (3):** Experts in Java with strong experience in cloud-based applications and security practices.

2. **AWS Architects (2)**: Advanced knowledge in AWS services, focusing on security and performance optimization.
3. **Frontend Developers (2)**: Proficient in React, capable of delivering modern user interfaces and enhancing user experience.
4. **DevOps Engineers (2)**: Experts in Docker and Kubernetes, ensuring smooth deployment and CI/CD pipelines.
5. **Database Administrators (1)**: Skilled in PostgreSQL for managing data security and integrity.

Timeline

- **RFP Release Date:** [Insert Date]
- **Proposal Submission Deadline:** [Insert Date]
- **Proposal Evaluation Period:** [Insert Date]
- **Team Selection Date:** [Insert Date]
- **Project Kick-off Date:** 2025-10-04
- **Project Duration:** 14 months
- **Expected Project Completion Date:** [Insert Date]

Budget

The total budget for this project is between $1M and $2M. Proposals should provide a breakdown of costs associated with personnel, technology, and other resources.

Proposal Guidelines

Interested vendors are invited to submit their proposals by [Insert Proposal Submission Deadline]. Proposals should include:
- Company Overview
- Relevant Experience and Case Studies
- Proposed Team Structure
- Technical Approach and Methodology
- Detailed Budget Breakdown
- Timeline for Project Delivery

Deliverables and Milestones

1. **Initial Assessment and Planning Report** - Due [Insert Date]
2. **Cloud Architecture Design** - Due [Insert Date]
3. **Development of Core Features** - Due [Insert Date]
4. **Security Implementation** - Due [Insert Date]
5. **Testing and Quality Assurance** - Due [Insert Date]
6. **Final Project Delivery and Documentation** - Due [Insert Date]

Acceptance Criteria

Proposals will be evaluated based on the following criteria:
- Relevant experience in cloud migration and e-commerce projects.
- Technical expertise in required technologies.
- Quality and feasibility of the proposed approach.
- Cost-effectiveness and budget alignment.
- Timeliness of project delivery.

Evaluation Process

A committee will review all submitted proposals. Shortlisted candidates may be invited for interviews or presentations. The final selection will be based on the overall value provided in relation to the project objectives.

Contact Information

For inquiries or to submit your proposal, please contact:
Name: [Insert Contact Name]
Email: [Insert Contact Email]
Phone: [Insert Contact Phone Number]

We look forward to receiving your proposals and working together to enhance our e-commerce platform.