

Request for Proposal (RFP)

Project: E-commerce Modernization Development

Client: MedTech Industries

Project Type: Mobile App Development

Executive Summary

MedTech Industries is seeking a highly skilled and experienced development team to undertake the modernization of its e-commerce platform. This project aims to enhance the current web application, focusing on improving user experience, increasing operational efficiency, and integrating advanced technological solutions. The project is expected to span over 12 months, starting on November 28, 2025, with an estimated budget range of \$500K - \$1M. Remote work is allowed, providing flexibility to the development team.

Project Overview

The objective of this project is to develop a robust enterprise-level e-commerce web application that meets the evolving needs of our users and aligns with the strategic goals of MedTech Industries. The application should be scalable, secure, and maintainable, leveraging modern technologies and frameworks.

Specific Deliverables:

- A fully functional e-commerce web application
- Integration with existing systems and third-party services
- Documentation for the codebase and user manuals
- Deployment of the application to a cloud environment
- Ongoing support and maintenance for the duration of the contract

Milestones:

- **Milestone 1:** Project Kick-off and Requirement Gathering – December 2025
- **Milestone 2:** Completion of Design Phase – February 2026
- **Milestone 3:** Development Phase Completion – August 2026
- **Milestone 4:** Testing Phase Completion – October 2026
- **Milestone 5:** Project Go-Live – November 2026

Technical Requirements

We require the following technical expertise from the development team:

- **REQUIRED:**

- **React:** Expert level
- **PostgreSQL:** Expert level
- **Docker:** Advanced level (Preferred certifications: Certified Kubernetes Administrator)
- **JavaScript:** Expert level (Preferred certifications: Google Cloud Professional)
- **Microservices:** Advanced level (Preferred certifications: AWS Certified Solutions Architect)
- **Kubernetes:** Advanced level (Preferred certifications: Certified Kubernetes Administrator)
- **Django:** Intermediate level

- **PREFERRED:**

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

Expected Team Profile

We anticipate the following roles within the development team:

1. **Frontend Developer (1 position):**
 2. Expertise in React and JavaScript
 3. Experience in building responsive and user-friendly interfaces
 4. Strong understanding of RESTful APIs and integration
5. **Backend Developer (1 position):**
 6. Proficient in PostgreSQL and Django
 7. Experience in microservices architecture
 8. Strong knowledge of Docker and Kubernetes
9. **DevOps Engineer (1 position):**
 10. Experience with cloud services (AWS preferred)
 11. Familiarity with CI/CD processes and tools
 12. Knowledge of container orchestration and management

Timeline

The project is expected to commence on **November 28, 2025**, and conclude within 12 months.

Budget

The estimated budget for this project ranges from **\$500K to \$1M**.

Proposal Guidelines

Interested parties should submit their proposals by **[insert deadline for proposals]**. Proposals must include:

- Company background and relevant experience
- Profiles of the proposed team members

- Project approach and methodology
- Detailed timeline with milestones
- Cost breakdown

Acceptance Criteria and Evaluation Process

Proposals will be evaluated based on the following criteria:

- Relevant experience and expertise
- Quality of the proposed approach and methodology
- Cost-effectiveness
- Team qualifications and certifications

The evaluation process will involve reviewing submitted proposals, followed by potential interviews with shortlisted candidates to discuss their approach in more detail.

Contact Information

For inquiries regarding this RFP, please contact:

Name: [Contact Person Name]

Email: [Contact Person Email]

Phone: [Contact Person Phone Number]

We look forward to receiving your proposals and partnering with a talented team to achieve our e-commerce modernization goals.