

Request for Proposal (RFP)

Executive Summary

Manufacturing Plus is seeking proposals from qualified development teams for a **Cloud Migration Project Development** focused on creating a robust **data analytics platform**. This platform aims to enhance our data processing capabilities, improve operational efficiencies, and provide insightful analytics to drive decision-making within our manufacturing processes. The project duration is anticipated to be **10 months**, starting on **November 28, 2025**, with a budget range of **\$500K - \$1M**. Given the complexity and importance of this project, the selected team will consist of **8 skilled professionals** working onsite in **West David**.

Project Overview

Manufacturing Plus is a leading player in the manufacturing sector, committed to leveraging technology to optimize production and reduce costs. The goal of this project is to develop an enterprise web application that facilitates advanced data analytics. This will enable us to gather, analyze, and visualize data from various sources, thereby enhancing our strategic capabilities.

Objectives: - Develop a scalable data analytics platform. - Ensure high availability and performance of the application. - Implement robust security measures in compliance with industry standards. - Facilitate seamless integration with existing systems.

Technical Requirements

The following technical capabilities are required for the development team:

- **MongoDB**: Advanced level (Preferred certifications: Certified Kubernetes Administrator, Google Cloud Professional)
- **Docker**: Expert level (Preferred certifications: AWS Certified Solutions Architect)
- **React**: Intermediate level (Preferred certifications: Google Cloud Professional, AWS Certified Solutions Architect)
- **TypeScript**: Intermediate level (Preferred certifications: Google Cloud Professional, Certified Kubernetes Administrator)
- **DevOps**: Expert level (Preferred certifications: Google Cloud Professional, AWS Certified Solutions Architect)

Expected Team Profile

The development team should consist of:

1. **Lead Developer** (1)
 - 2. Expertise in full-stack development with a focus on data analytics.
 - 3. Strong leadership and project management skills.
4. **Backend Developers** (3)
 - 5. Proficient in MongoDB and Docker.
 - 6. Experience in creating RESTful APIs and microservices architecture.
7. **Frontend Developers** (2)
 - 8. Skilled in React and TypeScript.
 - 9. Ability to create user-friendly interfaces with a strong focus on user experience.
10. **DevOps Engineer** (1)

11. Expert in CI/CD pipelines, Kubernetes, and cloud infrastructure management.
12. Experience with AWS and Google Cloud platforms.
13. **QA Engineer (1)**
14. Experience in automated and manual testing of web applications.
15. Familiarity with performance testing and security assessments.

Timeline

- **RFP Release Date:** [Insert Date]
- **Proposal Submission Deadline:** [Insert Date]
- **Evaluation of Proposals:** [Insert Date]
- **Interview Shortlisted Teams:** [Insert Date]
- **Selection of Vendor:** [Insert Date]
- **Project Kickoff:** November 28, 2025
- **Project Completion:** [Insert Date]

Budget

The budget for this project is set within the range of **\$500,000 - \$1,000,000**. Proposals should provide a detailed breakdown of costs and payment milestones.

Proposal Guidelines

Interested vendors should submit their proposals by [Insert Date]. Proposals must include:

- Company background and relevant experience.
- Detailed project plan with timelines and milestones.
- Profiles of team members proposed for the project.
- Case studies or examples of similar projects completed.
- Pricing structure and payment terms.

Acceptance Criteria and Evaluation Process

Proposals will be evaluated based on:

- Technical expertise and team qualifications.
- Relevant experience and past project performance.
- Clarity and feasibility of the project plan.
- Cost-effectiveness and budget alignment.

The selection committee will shortlist candidates based on these criteria and may conduct interviews for final evaluations.

Contact Information

For inquiries regarding this RFP, please contact:

Name: [Insert Contact Name]

Title: [Insert Title]

Email: [Insert Email Address]

Phone: [Insert Phone Number]

Proposal Submission

Please submit your proposals electronically in PDF format to [Insert Email Address] by the specified deadline. Late submissions will not be considered.

We look forward to your proposals and to potentially partnering with you on this exciting project.