Request for Proposal (RFP) for Enterprise Web Application Development

Executive Summary

Energy Systems Co is seeking proposals from experienced development teams to create a robust Data Analytics Platform. The platform will serve as a critical tool for our enterprise operations, enabling advanced data processing and analytics capabilities. The project duration is expected to be 24 months, and we are looking for a dedicated team of five professionals to collaborate closely with our in-house staff. This document outlines our requirements, expectations, and the proposal submission guidelines.

Project Overview

Project Title

Enterprise Web Application Development

Client

Energy Systems Co

Project Type

Data Analytics Platform

Project Duration

24 months

Team Size

5 professionals

Budget Range

$500,000 - $1,000,000

Start Date

January 15, 2026

Location

West Mark (Remote work not allowed)

Technical Requirements

The following technical competencies are required and preferred for the development team:

Required Skills

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

Preferred Skills

- **Angular**: Expert level
- **JavaScript**: Expert level

Expected Team Profile

We expect the following roles within the development team:

1. **Lead Developer**:

2. Expertise in microservices architecture and Kubernetes.
3. Strong understanding of PostgreSQL.

4. Capable of leading the team and ensuring adherence to project timelines.

5. **Frontend Developer**:

6. Expert in Angular and JavaScript.

7. Experience in creating user-friendly interfaces and optimizing application performance.

8. **Backend Developer**:

9. Advanced knowledge in PostgreSQL and microservices.

10. Familiar with cloud services and deployment strategies.

11. **DevOps Engineer**:

12. Strong background in Kubernetes.

13. Experience in CI/CD pipelines and cloud infrastructure management.

14. **Data Analyst**:

15. Proficient in data analytics and visualization tools.
16. Ability to work closely with the development team to implement data-driven features.

Timeline

- **RFP Release Date**: [Date of release]
- **Proposal Submission Deadline**: [Deadline for submissions]
- **Proposal Evaluation Period**: [Evaluation timeline]
- **Team Selection Announcement**: [Date of announcement]
- **Project Kickoff Meeting**: January 15, 2026

Budget

The total budget for the project is estimated between **$500,000 and $1,000,000**. Proposals should reflect realistic cost estimations in alignment with the project scope and deliverables.

Proposal Guidelines

Interested parties should submit their proposals including the following components:

1. **Company Overview**: Brief introduction to your company, including relevant experience and case studies.
2. **Team Profiles**: Resumes and qualifications of proposed team members, highlighting relevant skills and certifications.
3. **Project Approach**: Detailed explanation of how you plan to approach this project, including methodologies and technologies to be used.
4. **Timeline and Milestones**: Proposed project timeline with key milestones for deliverables.
5. **Cost Breakdown**: Detailed budget proposal outlining costs associated with each phase of development.

Deliverables and Milestones

1. **Phase 1: Requirements Gathering and Analysis**
2. Deliverable: Comprehensive requirements document and project plan.

3. Milestone: Approval of requirements document.

4. **Phase 2: Design and Prototyping**

5. Deliverable: UI/UX designs and prototypes.

6. Milestone: Completion of design phase.

7. **Phase 3: Development and Testing**

8. Deliverable: Functional Data Analytics Platform.

9. Milestone: Completion of development and testing phase.

10. **Phase 4: Deployment and User Training**

11. Deliverable: Deployed application and training materials for end-users.
12. Milestone: Successful deployment and user training session.

Acceptance Criteria and Evaluation Process

Proposals will be evaluated based on the following criteria:

- **Technical Expertise**: Proven experience in required technologies.
- **Team Composition**: Suitability of team members based on profiles.
- **Project Approach**: Clear understanding of project goals and methodologies.
- **Cost Effectiveness**: Competitive pricing aligned with project budget.
- **Previous Work**: Quality and relevance of past projects.

Contact Information

For any inquiries regarding this RFP, please contact:

Name: [Contact Person Name]
Title: [Title]
Email: [Email Address]
Phone: [Phone Number]

Proposal Submission Guidelines

Please submit your proposals by email to [Submission Email] no later than [Submission Deadline]. Late submissions may not be considered.

We look forward to receiving your proposals and potentially partnering with you to build a transformative Data Analytics Platform for Energy Systems Co. Thank you for your interest!