Request for Proposal (RFP)

Executive Summary

Energy Systems Co is seeking proposals from experienced development teams to assist in the implementation of an enterprise web application focused on DevOps automation. The project will leverage machine learning technologies to enhance operational efficiencies and improve decision-making processes within the energy sector. This document outlines the project objectives, technical requirements, expected team profiles, timeline, budget, and proposal guidelines.

Project Overview

Project Title:

Enterprise Web Application Development

Client:

Energy Systems Co

Project Type:

DevOps Automation

Project Description:

The objective is to develop a robust enterprise web application that integrates DevOps practices with machine learning capabilities. The application aims to streamline energy management processes, optimize resource allocation, and provide predictive analytics.

Duration:

18 months

Team Size:

4 people

Budget Range:

$500K - $1M

Start Date:

January 23, 2026

Location:

Mumbai, India

Remote Work:

Allowed

Technical Requirements

- **REQUIRED:**
- Angular - Advanced level
- React - Advanced level

- DevOps - Expert level

- **PREFERRED:**

- TypeScript - Expert level
    - *Preferred certifications: AWS Certified Solutions Architect, Certified Kubernetes Administrator*
- Python - Intermediate level
    - *Preferred certifications: AWS Certified Solutions Architect, Google Cloud Professional*

- PostgreSQL - Advanced level
  - *Preferred certifications: Certified Kubernetes Administrator, Google Cloud Professional*
- Kubernetes - Intermediate level

Expected Team Profile

The development team should consist of the following roles:

1. **Frontend Developer (Angular & React)**
2. Expertise in Angular and React frameworks
3. Proven experience in building responsive web applications

4. Strong understanding of RESTful APIs and UI/UX design principles

5. **DevOps Engineer**

6. Expert level in DevOps practices and tools
7. Experience with cloud platforms (AWS, Google Cloud)

8. Familiarity with CI/CD pipelines and containerization (Docker, Kubernetes)

9. **Backend Developer (Python & PostgreSQL)**

10. Intermediate level in Python programming
11. Advanced knowledge of PostgreSQL database management

12. Experience in developing scalable APIs and microservices

13. **Machine Learning Engineer**

14. Strong understanding of machine learning algorithms and frameworks
15. Ability to integrate ML models into web applications
16. Experience in data preprocessing and feature engineering

Timeline

- **Proposal Submission Deadline:** [Insert date]
- **Evaluation Period:** [Insert date]
- **Contract Award Date:** [Insert date]

- **Project Kick-off:** January 23, 2026
- **Milestones:**
- Milestone 1: Completion of initial project plan and architecture design (Month 2)
- Milestone 2: Development of frontend and backend components (Months 3-12)
- Milestone 3: Integration of machine learning capabilities (Months 13-15)
- Milestone 4: Testing and Quality Assurance (Months 16-17)
- Milestone 5: Final deployment and project handover (Month 18)

Budget

The total project budget is estimated between **$500K and $1M**. Proposals should provide a detailed breakdown of costs associated with personnel, technology stack, and any additional expenses.

Proposal Guidelines

Proposals should include the following:

1. **Company Overview:** Brief introduction to your organization, including relevant experience and qualifications.
2. **Project Approach:** Detailed explanation of how you plan to meet the project objectives, including the development methodology.
3. **Team Composition:** Profiles of proposed team members and their relevant experience.
4. **Timeline and Milestones:** Proposed timeline for project execution and key deliverables.
5. **Cost Breakdown:** Detailed financial proposal, including hourly rates for team members and any other costs involved.
6. **References:** At least two client references from similar projects.

Acceptance Criteria and Evaluation Process

Proposals will be evaluated based on the following criteria:

- Technical expertise and experience in relevant technologies

- Clarity and feasibility of the proposed approach
- Team qualifications and experience
- Cost-effectiveness of the proposal
- References and past performance

Contact Information

For any inquiries regarding this RFP, please contact:

Name: [Insert Contact Name]
Position: [Insert Position]
Email: [Insert Email Address]
Phone: [Insert Phone Number]

Proposal Submission Guidelines

Please submit your proposal electronically to [Insert Submission Email] by [Insert Submission Deadline]. Late submissions will not be considered.

We look forward to receiving your proposals and working together on this exciting project. Thank you for your interest in collaborating with Energy Systems Co.