Request for Proposal (RFP)

Project: API Integration Platform Development

Client: Energy Systems Co

Executive Summary

Energy Systems Co is seeking proposals from qualified development teams for the enhancement of our API integration platform. The primary goal of this project is to implement security enhancements and ensure seamless integration with existing systems, while also developing a mobile application that meets the needs of our users. The selected team will work collaboratively with our internal staff to leverage their expertise in modern technologies and methodologies.

Project Overview

- **Project Type**: Security Enhancement
- **Duration**: 18 months
- **Team Size**: 5 people
- **Budget Range**: $500,000 - $1,000,000
- **Start Date**: January 15, 2026
- **Location**: Michelleland (Remote work is allowed)

The successful proposal will address the integration of various APIs while enhancing security measures to protect sensitive data. The development team will also be responsible for the creation of a user-friendly mobile application that allows clients to interact with our services efficiently.

Technical Requirements

The development team must possess advanced skills in the following areas:

- **REQUIRED**: Docker - Advanced level (Preferred certifications: AWS Certified Solutions Architect)
- **REQUIRED**: Python - Advanced level (Preferred certifications: Certified Kubernetes Administrator)
- **Preferred**: React - Advanced level (Preferred certifications: Google Cloud Professional, Certified Kubernetes Administrator)
- **Preferred**: JavaScript - Advanced level
- **REQUIRED**: Machine Learning - Advanced level (Preferred certifications: Certified Kubernetes Administrator, Google Cloud Professional)
- **REQUIRED**: AWS - Intermediate level (Preferred certifications: Google Cloud Professional, AWS Certified Solutions Architect)
- **REQUIRED**: TypeScript - Expert level (Preferred certifications: AWS Certified Solutions Architect)
- **REQUIRED**: Microservices - Expert level
- **Preferred**: Kubernetes - Intermediate level (Preferred certifications: AWS Certified Solutions Architect)

Expected Team Profile

The ideal team will consist of individuals with the following profiles:

1. **Lead Developer**: Expert in Microservices and TypeScript, responsible for architecture and design decisions.
2. **Backend Developer**: Advanced skills in Python and Machine Learning, focusing on API development and security.
3. **Frontend Developer**: Advanced skills in React and JavaScript, ensuring a responsive and user-friendly mobile application.
4. **DevOps Engineer**: Advanced skills in Docker and AWS, responsible for deployment and infrastructure management.
5. **QA Engineer**: Specialized in testing and quality assurance, ensuring that the final product meets all acceptance criteria.

Timeline

- **RFP Release Date**: [Insert Date]
- **Proposal Submission Deadline**: [Insert Date]
- **Evaluation of Proposals**: [Insert Date]
- **Interviews (if necessary)**: [Insert Date]
- **Selection of Development Team**: [Insert Date]
- **Project Kick-off**: January 15, 2026
- **Milestone Reviews**: Every 3 months
- **Final Delivery**: July 2027

Budget

The budget for this project is set between **$500,000 and $1,000,000**. Proposals must include a detailed breakdown of costs associated with personnel, technology, and any additional expenses.

Proposal Guidelines

- **Proposal Format**: All proposals should be submitted in PDF format.
- **Contents**:
- Executive Summary
- Detailed Project Plan
- Team Profiles and Resumes
- Budget Breakdown
- References from Previous Clients
- **Proposal Submission**: Email proposals to [insert email address] by [insert deadline].

Acceptance Criteria

Proposals will be evaluated based on the following criteria:

- **Technical Expertise**: Proven experience in the required technologies.

- **Team Composition**: Adequate skill levels in the proposed team.
- **Project Approach**: Clarity and feasibility of the project plan.
- **Budget Alignment**: Cost-effectiveness of the proposal.
- **References**: Positive feedback from previous clients.

Contact Information

For any questions regarding this RFP, please contact:

- **Name**: [Contact Person Name]
- **Email**: [Contact Email]
- **Phone**: [Contact Phone Number]

Energy Systems Co looks forward to receiving your proposal and potentially partnering with your team to achieve our project goals. Thank you for your interest in this opportunity.