

# Request for Proposal (RFP)

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## Executive Summary

Energy Systems Co is inviting proposals from experienced development teams to create an API Integration Platform within a data analytics framework. This project aims to enhance our data processing capabilities, enabling us to better serve our clients in the energy sector. We are looking for a skilled team with expertise in modern technologies and a clear understanding of data integration and analytics to deliver a robust and scalable solution.

## Project Overview

- **Project Name:** API Integration Platform Development
- **Client:** Energy Systems Co
- **Project Type:** Data Analytics Platform
- **Duration:** 19 months
- **Team Size:** 9 people
- **Budget Range:** \$250K - \$500K
- **Start Date:** November 30, 2025
- **Location:** Harrismouth (Remote work not allowed)

## Technical Requirements

### Required Skills

- **Kubernetes:** Expert level (Preferred certifications: Certified Kubernetes Administrator)
- **TypeScript:** Intermediate level
- **Node.js:** Advanced level (Preferred certifications: Google Cloud Professional, Certified Kubernetes Administrator)

- **AWS:** Advanced level (Preferred certifications: Certified Kubernetes Administrator, AWS Certified Solutions Architect)

## Preferred Skills

- **Python:** Advanced level (Preferred certifications: AWS Certified Solutions Architect, Google Cloud Professional)
- **Machine Learning:** Expert level

## Expected Team Profile

We expect to form a team of 9 skilled professionals with the following roles:

1. **Project Manager** (1)
2. Experience in managing software development projects, especially in data analytics.
3. **Lead Developer** (1)
4. Expertise in Node.js and cloud services (AWS).
5. **Kubernetes Engineer** (1)
6. Expert in Kubernetes with a focus on container orchestration.
7. **Backend Developers** (3)
8. Strong background in AWS and Node.js.
9. **Frontend Developer** (1)
10. Proficiency in TypeScript and modern frontend frameworks.
11. **Data Scientist** (1)
12. Expertise in machine learning and data analytics.
13. **QA Engineer** (1)
14. Experience in testing API integrations and data analytics platforms.

## Timeline

- **RFP Release Date:** [Insert Date]
- **Proposal Submission Deadline:** [Insert Date]
- **Evaluation Period:** [Insert Date]
- **Team Selection:** [Insert Date]
- **Project Kick-off:** November 30, 2025
- **Project Completion:** [Insert Date]

## Budget

The expected budget for this project ranges from **\$250K to \$500K**. Proposals should clearly outline the cost structure, including any associated fees and anticipated expenses.

## Proposal Guidelines

### Submission Requirements

Interested teams should submit the following:

- Company profile and experience
- Detailed approach to project execution
- Profiles of team members, including qualifications and certifications
- Proposed timeline and milestones
- Cost breakdown and payment schedule

### Evaluation Criteria

Proposals will be evaluated based on the following criteria:

- **Experience and Expertise:** Relevant experience of the team in similar projects.
- **Technical Capability:** Demonstrated proficiency in required technologies.
- **Project Approach:** Clarity and feasibility of the proposed approach and timeline.
- **Cost Efficiency:** Value for money considering the budget range.

## Deliverables and Milestones

1. **Project Plan:** Detailed plan outlining the project scope, tasks, and timelines.
2. **Prototype Delivery:** Initial prototype of the API integration platform within 6 months.
3. **Alpha Version Release:** First complete version for testing within 12 months.
4. **Final Delivery:** Full deployment of the platform with all integrations and analytics features by the end of the project.

## Acceptance Criteria

The final deliverables must meet the following acceptance criteria:

- **Functionality:** All features as outlined in the project scope must be implemented.
- **Performance:** The platform should handle expected data loads efficiently.
- **Documentation:** Comprehensive documentation covering architecture, APIs, and user guides.
- **Testing:** Successful completion of all tests, including unit, integration, and user acceptance testing.

## Contact Information

For inquiries regarding this RFP, please contact:

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

## Proposal Submission

Please submit your proposals to the email address above by the specified deadline.

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We look forward to receiving your proposals and working together to build a state-of-the-art API Integration Platform that meets our needs and exceeds our expectations.