

Request for Proposal (RFP)

Executive Summary

Energy Systems Co is seeking proposals from experienced development teams for the design and implementation of a Data Analytics Platform. This initiative aims to modernize our e-commerce capabilities, ensuring scalability, security, and enhanced user experience. The selected team will be responsible for developing a robust platform to handle large datasets and provide actionable insights to our stakeholders.

Project Overview

Project Type: Data Analytics Platform

Client: Energy Systems Co

Duration: 15 months

Team Size: 6 people

Location: Greeneport (Remote work not allowed)

Start Date: November 30, 2025

Budget Range: \$250K - \$500K

Business Context and Objectives

In today's fast-paced energy market, having a reliable data analytics platform is crucial for making informed decisions. Our objective is to create a platform that not only meets our current needs but is also scalable for future growth. The platform should enable real-time data processing, predictive analytics, and facilitate data-driven decision-making across various departments.

Technical Requirements

- Preferred Technology Stack:

- **Kubernetes:** Intermediate level

Preferred certifications: Google Cloud Professional, AWS Certified Solutions Architect

- **MongoDB:** Advanced level

Required certifications: Certified Kubernetes Administrator, Google Cloud Professional

- **Angular:** Expert level

Preferred certifications: Certified Kubernetes Administrator

- **JavaScript:** Intermediate level

Preferred certifications: Certified Kubernetes Administrator, AWS Certified Solutions Architect

Expected Team Profile

The ideal development team will comprise the following roles:

1. Project Manager:

2. Experience in managing complex software development projects
3. Strong communication and leadership skills

4. Data Architect:

5. Expertise in database design and data modeling
6. Proficient in MongoDB and data integration strategies

7. Frontend Developer (Angular):

8. Expert level proficiency in Angular framework
9. Experience in building responsive user interfaces

10. Backend Developer:

11. Strong skills in JavaScript and Node.js
12. Experience with RESTful API development

13. DevOps Engineer:

14. Proficient in Kubernetes and cloud environments

15. Experience with CI/CD pipelines

16. Data Analyst:

17. Strong analytical skills and experience with data visualization tools

18. Ability to translate business requirements into technical specifications

Timeline

- **RFP Release Date:** [Insert Date]
- **Proposal Submission Deadline:** [Insert Date]
- **Proposal Evaluation Period:** [Insert Date]
- **Team Selection and Notification:** [Insert Date]
- **Project Kickoff:** November 30, 2025
- **Project Completion:** [Insert Completion Date - 15 months from start date]

Deliverables and Milestones

1. Phase 1: Requirements Gathering

2. Deliverable: Document outlining business requirements and technical specifications

3. Milestone: Completion of stakeholder interviews and workshops

4. Phase 2: Design and Architecture

5. Deliverable: Architecture diagrams and design prototypes

6. Milestone: Approval of design from stakeholders

7. Phase 3: Development

8. Deliverable: Fully functional Data Analytics Platform

9. Milestone: Completion of development sprints and user acceptance testing

10. Phase 4: Deployment and Training

11. Deliverable: Deployed platform and training documents

12. Milestone: Successful deployment and completion of training sessions for users

Acceptance Criteria

- The platform must meet all functional and non-functional requirements outlined in the proposal.
- Successful completion of user acceptance testing (UAT) with at least 95% satisfaction from stakeholders.
- The platform should be deployed within the agreed timeline and budget.
- Ongoing support and maintenance for a period of three months post-deployment.

Evaluation Process

Proposals will be evaluated based on the following criteria:

1. **Technical Expertise:** Relevant experience and certifications of the team members.
2. **Project Approach:** Clarity and feasibility of the proposed development approach.
3. **Budget Alignment:** Proposed costs in relation to the budget range.
4. **Timeline:** Realistic timelines for each project phase.
5. **Previous Work:** Demonstrated success in similar projects.

Proposal Guidelines

Interested teams should submit their proposals, including the following:

- Company profile and overview of relevant experience
- Detailed team structure and profiles of proposed members
- Approach and methodology for the project
- Timeline with detailed milestones
- Budget breakdown
- References from previous clients

Submission Instructions

Please send all proposals electronically to:

Contact Person: [Insert Name]

Email: [Insert Email Address]

Phone: [Insert Phone Number]

Submission Deadline: [Insert Date]

We look forward to your proposals and the opportunity to collaborate on this exciting project. Thank you for your interest in working with Energy Systems Co.