

Request for Proposal (RFP)

Project: API Integration Platform Development

Client: Energy Systems Co

Project Type: E-commerce Modernization

Duration: 22 months

Team Size: 7 people

Budget Range: \$500K - \$1M

Start Date: 2026-01-20

Location: Cairo, Egypt

Remote Work: Allowed

Executive Summary

Energy Systems Co is seeking a qualified and experienced development team to create an API Integration Platform aimed at modernizing our e-commerce operations. This project will support our strategic initiative to enhance operational efficiency and improve customer engagement through robust integration with various e-commerce services and platforms.

Project Overview

The primary objective of this project is to develop a scalable and secure API Integration Platform that will facilitate seamless communication between our existing systems and new e-commerce applications. The platform must support high transaction volumes and ensure data integrity and security while providing a user-friendly interface for internal stakeholders.

Key Objectives:

- Develop a microservices-based architecture to ensure scalability.
 - Integrate with existing ERP and CRM systems.
 - Implement robust security protocols to safeguard sensitive data.
 - Create a user-friendly dashboard for monitoring API performance.
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Technical Requirements

The following technical skills are essential for the development team:

- **Java:** Advanced level (Required)
 - **Angular:** Intermediate level (Required; Preferred certifications: Google Cloud Professional)
 - **Python:** Expert level (Preferred; Preferred certifications: Google Cloud Professional, AWS Certified Solutions Architect)
 - **Microservices:** Intermediate level (Required; Preferred certifications: Google Cloud Professional, Certified Kubernetes Administrator)
 - **DevOps:** Advanced level (Required; Preferred certifications: Google Cloud Professional)
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Expected Team Profile

The ideal team will consist of the following roles:

1. **Project Manager** (1)
2. Experience in managing large-scale software development projects.
3. Strong communication and leadership skills.
4. **Java Developers** (2)
5. Proficient in Java with experience in building enterprise applications.
6. Familiarity with microservices architecture.
7. **Frontend Developer** (1)

8. Skilled in Angular with a focus on creating responsive user interfaces.
 9. Experience in integrating APIs with frontend applications.
 10. **Python Developer (1)**
 11. Expert in Python with experience in backend development.
 12. Knowledge of data integration and processing.
 13. **DevOps Engineer (1)**
 14. Advanced knowledge of DevOps practices and tools.
 15. Experience with CI/CD pipelines and infrastructure automation.
 16. **Quality Assurance Specialist (1)**
 17. Skilled in testing methodologies and tools.
 18. Experience in performance and security testing.
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Timeline

- **Proposal Submission Deadline:** 2025-12-15
 - **Selection of Development Team:** 2026-01-05
 - **Project Kick-off:** 2026-01-20
 - **Milestone 1:** Completion of architecture design (3 months)
 - **Milestone 2:** Development of core functionalities (10 months)
 - **Milestone 3:** Testing and QA (5 months)
 - **Project Completion:** 2028-11-20
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Budget

The estimated budget for this project ranges from **\$500K to \$1M**, depending on the proposed scope of work and team composition. Detailed budget breakdowns will be required from the bidders.

Proposal Guidelines

Interested parties are invited to submit a proposal that includes the following:

1. **Company Profile:** Overview of the organization, including relevant experience and expertise.
2. **Team Composition:** Detailed profiles of proposed team members and their qualifications.
3. **Project Approach:** Outline of the proposed methodology, tools, and technologies to be used.
4. **Timeline:** Proposed timeline for project milestones and deliverables.
5. **Budget:** A detailed financial proposal within the specified budget range.

Submission Instructions

Please submit your complete proposal via email to contact@energysystemsco.com by **2025-12-15**. Late submissions will not be considered.

Acceptance Criteria and Evaluation Process

Proposals will be evaluated based on the following criteria:

- **Experience and Expertise:** Proven track record in similar projects.
- **Technical Skills:** Alignment with technical requirements.
- **Project Approach:** Clarity and feasibility of the proposed methodology.
- **Budget Alignment:** Competitiveness and transparency of the financial proposal.
- **Team Composition:** Qualification and experience of team members.

Shortlisted candidates will be invited for an interview before the final selection.

Contact Information

For any inquiries regarding this RFP, please contact:

Name: John Doe

Title: Project Coordinator

Email: contact@energysystemsco.com

Phone: +20 123 456 7890

We look forward to your submissions and to potentially collaborating on this exciting project.