

# 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.
- 

## 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)
- 

## 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.

---

## 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
- 

## 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](mailto: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.