

# Request for Proposal (RFP)

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## Executive Summary

The Education Network is seeking proposals from experienced development teams to create a robust API Integration Platform. This enterprise-level web application aims to facilitate seamless integration of various educational services and systems within our network. The project is expected to span over 8 months, starting on November 27, 2025, and will involve a team of 11 skilled professionals. We invite qualified vendors to submit their proposals for this project, aligning with our budget range of \$250,000 to \$500,000.

## Project Overview

### Objectives

- Develop an API Integration Platform that enhances interoperability among educational systems.
- Ensure scalability, security, and performance of the platform.
- Implement best practices in software development and deployment.

### Deliverables

- A fully functional API Integration Platform.
- Documentation for system architecture and user guides.
- Ongoing support and maintenance for a specified period post-launch.
- Regular project updates and milestone reports.

## Milestones

- **Project Kick-off:** November 27, 2025
- **Phase 1 - Requirements Gathering:** December 2025
- **Phase 2 - Design and Architecture:** January 2026
- **Phase 3 - Development:** February 2026 - June 2026
- **Phase 4 - Testing and QA:** July 2026
- **Phase 5 - Deployment:** August 2026
- **Phase 6 - Post-Launch Support:** September 2026 - October 2026

## Technical Requirements

### Required Skills

- **Node.js:** Intermediate level (Preferred certifications: Certified Kubernetes Administrator, AWS Certified Solutions Architect)
- **DevOps:** Expert level (Preferred certifications: AWS Certified Solutions Architect)
- **MongoDB:** Advanced level

### Preferred Skills

- **Angular:** Advanced level (Preferred certifications: Google Cloud Professional, Certified Kubernetes Administrator)
- **Kubernetes:** Expert level (Preferred certifications: AWS Certified Solutions Architect)
- **Django:** Advanced level (Preferred certifications: Certified Kubernetes Administrator)
- **Microservices:** Advanced level (Preferred certifications: AWS Certified Solutions Architect, Google Cloud Professional)
- **Machine Learning:** Expert level (Preferred certifications: Google Cloud Professional, Certified Kubernetes Administrator)
- **Java:** Expert level (Preferred certifications: Google Cloud Professional, AWS Certified Solutions Architect)

## Expected Team Profile

We envision a team consisting of the following roles:

1. **Project Manager:** Oversees project progress and team coordination.
2. **Backend Developers (2):** Expertise in Node.js and MongoDB.
3. **Frontend Developers (2):** Proficient in Angular with a focus on user experience.
4. **DevOps Engineer:** Responsible for CI/CD and environment management.
5. **Quality Assurance Engineers (2):** Focus on testing processes and bug tracking.
6. **Data Scientist:** For machine learning implementations.
7. **Technical Architect:** Ensures system design aligns with business goals.

## Timeline

The estimated duration for the project is 8 months, starting from November 27, 2025, to October 2026, with specific phases as outlined in the milestones section.

## Budget

The budget range for this project is between **\$250,000 and \$500,000**. Proposals should include a detailed breakdown of costs associated with each phase of development.

## Proposal Guidelines

Interested vendors should submit their proposals no later than **October 15, 2025**. Proposals should include the following:

- Company profile and relevant project experience.
- Detailed project approach and methodology.
- Team composition and individual profiles.
- Timeline and project milestones.

- Cost breakdown.
- References from previous clients.

## Acceptance Criteria

Proposals will be evaluated based on:

- Experience and expertise in required and preferred technologies.
- Quality of the proposed project approach.
- Team qualifications and past performance.
- Overall cost-effectiveness of the proposal.
- Client references and feedback.

## Contact Information

For further inquiries, please contact:

**Name:** [Your Name]

**Title:** [Your Title]

**Organization:** Education Network

**Email:** [your-email@example.com]

**Phone:** [Your Phone Number]

We look forward to your proposals and to potentially partnering with you on this exciting project. Thank you for your interest in helping us enhance educational integration.