

Request for Proposal (RFP)

Executive Summary

Energy Systems Co is seeking proposals from qualified development teams for a **Security Enhancement Development** project aimed at modernizing our e-commerce platform. This initiative will leverage DevOps automation to improve security, performance, and user experience. We are looking for a team with advanced skills in Django, Docker, and AWS, along with experience in MongoDB and React. The project is expected to last 20 months, with an anticipated budget ranging from \$250,000 to \$500,000.

Project Overview

Background

As a leader in the energy sector, Energy Systems Co recognizes the need to enhance our digital presence and security protocols. Our e-commerce platform requires modernization to adapt to evolving market demands and to ensure the protection of sensitive customer data.

Objectives

- Enhance the security of the e-commerce platform.
- Improve the scalability and performance through DevOps automation.
- Modernize the user interface and customer experience.
- Ensure robust integration with cloud services.

Duration

- **Project Length:** 20 months
- **Start Date:** November 30, 2025

Team Size

- **Required Team Size:** 4 skilled professionals

Location

- **Primary Location:** East Crystalfurt
- **Remote Work:** Allowed

Technical Requirements

- **REQUIRED:**
 - Django - Advanced level (Preferred certifications: AWS Certified Solutions Architect)
 - Docker - Intermediate level (Preferred certifications: AWS Certified Solutions Architect)
- **PREFERRED:**
 - MongoDB - Intermediate level (Preferred certifications: Certified Kubernetes Administrator)
 - React - Expert level (Preferred certifications: AWS Certified Solutions Architect, Certified Kubernetes Administrator)
 - AWS - Advanced level

Expected Team Profile

The ideal team will consist of the following roles:

1. **Django Developer**
2. **Experience:** 5+ years in Django development
3. **Skills:** Advanced level in Django with expertise in RESTful APIs and security best practices.
4. **DevOps Engineer**
5. **Experience:** 4+ years working with Docker and AWS

6. **Skills:** Intermediate level in Docker, with experience in CI/CD pipelines and infrastructure as code.

7. Frontend Developer

8. **Experience:** 4+ years in React development

9. **Skills:** Expert level in React with a focus on responsive design and user experience.

10. Database Administrator

11. **Experience:** 3+ years in database management, preferably with MongoDB

12. **Skills:** Intermediate level in MongoDB with a focus on performance tuning and security.

Timeline

- **Proposal Submission Deadline:** [Insert Date]
- **Proposal Evaluation:** [Insert Date]
- **Notification of Award:** [Insert Date]
- **Project Kick-off:** November 30, 2025
- **Project Milestones:**
 - Phase 1: Project Planning and Requirements Gathering (Month 1)
 - Phase 2: Development of Core Features (Months 2-12)
 - Phase 3: Testing and Quality Assurance (Months 13-16)
 - Phase 4: Deployment and Monitoring (Months 17-19)
 - Phase 5: Project Closure (Month 20)

Budget

- **Budget Range:** \$250,000 - \$500,000
- **Payment Terms:** To be discussed during contract negotiations.

Proposal Guidelines

Submission Requirements

- Company profile including relevant experience and case studies.
- Detailed technical proposal addressing our requirements.
- Team resumes highlighting relevant skills and certifications.
- Timeline with key milestones.
- Financial proposal including a breakdown of costs.

Evaluation Criteria

- Relevant experience and expertise of proposed team members.
- Quality and feasibility of the technical proposal.
- Cost-effectiveness.
- Previous success in similar projects.

Acceptance Criteria

Proposals will be assessed based on: - Compliance with technical requirements. - Clarity and completeness of the proposal. - Demonstrated understanding of the project objectives. - Positive client references.

Contact Information

For any inquiries regarding this RFP, please contact:

Name: [Insert Contact Name]

Position: [Insert Position]

Email: [Insert Email Address]

Phone: [Insert Phone Number]

Proposal Submission

All proposals must be submitted via email to [Insert Email Address] by the submission deadline. Late submissions will not be considered.

We look forward to receiving your proposals and working together to enhance our e-commerce platform's security and performance. Thank you for your interest in partnering with Energy Systems Co.