

REQUEST FOR PROPOSAL RFP-2024-002: IT INFRASTRUCTURE MODERNIZATION

ISSUED BY: [ORGANIZATION NAME] ISSUE DATE: [DATE] DUE DATE: [DATE + 45 DAYS]

1. EXECUTIVE SUMMARY [ORGANIZATION NAME] is seeking proposals for comprehensive IT infrastructure modernization including cloud migration, network upgrades, and security enhancements.

2. PROJECT OVERVIEW Our current IT infrastructure requires significant modernization to support business growth, improve security, and enhance operational efficiency. This project will involve multiple phases over 18 months.

3. SCOPE OF WORK

3.1 Cloud Migration - Assessment of current infrastructure - Migration to cloud platform (AWS/Azure/GCP) - Data migration and validation - Application modernization - Performance optimization

3.2 Network Infrastructure - Network design and architecture - Hardware procurement and installation - Network security implementation - Wireless network upgrades - Network monitoring and management

3.3 Security Enhancements - Zero-trust security model implementation - Multi-factor authentication deployment - Endpoint security solutions - Network segmentation - Security monitoring and logging

3.4 Data Center Services - Data center design and build - Power and cooling systems - Physical security measures - Disaster recovery planning - Backup and recovery systems

4. TECHNICAL SPECIFICATIONS

4.1 Cloud Requirements - High availability and redundancy - Auto-scaling capabilities - Disaster recovery solutions - Security compliance (SOC 2, ISO 27001) - Cost optimization features

4.2 Network Requirements - 10 Gbps backbone connectivity - Redundant internet connections - VPN and remote access capabilities - Quality of Service (QoS) implementation - Network monitoring and alerting

4.3 Security Requirements - Endpoint detection and response - Network access control - Data loss prevention - Security information and event management - Regular security assessments

5. PERFORMANCE REQUIREMENTS - 99.99% uptime for critical systems - Sub-second response times for applications - 24/7 monitoring and support - Automated backup and recovery - Real-time security monitoring

6. VENDOR REQUIREMENTS - Minimum 10 years experience in IT infrastructure - Cloud platform certifications (AWS/Azure/GCP) - Network and security certifications - Experience with large-scale migrations - 24/7 support capabilities

7. EVALUATION CRITERIA - Technical approach and architecture (35%) - Experience and team qualifications (25%) - Cost and value proposition (20%) - Implementation timeline (10%) - References and past performance (10%)

8. PROJECT TIMELINE - Phase 1: Assessment and Planning (Months 1-3) - Phase 2: Infrastructure Design (Months 4-6) - Phase 3: Implementation (Months 7-15) - Phase 4: Testing and Go-Live (Months 16-18)

9. BUDGET CONSIDERATIONS - Total project budget: \$2,000,000 - \$5,000,000 - Ongoing operational costs: \$200,000 - \$500,000 annually - Cost optimization and savings targets - ROI analysis and justification

10. RISK MANAGEMENT - Technical risks and mitigation strategies - Schedule risks and contingency planning - Resource risks and backup plans - Quality risks and testing procedures

11. SUCCESS METRICS - System uptime and availability - Performance improvements - Security posture enhancement - Cost savings and optimization - User satisfaction scores

12. SUBMISSION REQUIREMENTS - Executive summary (3 pages) - Technical proposal (30 pages) - Cost proposal with detailed breakdown - Project timeline and milestones - Team qualifications and certifications - References and case studies

13. QUESTIONS AND CLARIFICATIONS Questions must be submitted by [DATE + 21 DAYS] to: [CONTACT NAME] [EMAIL] [PHONE]

14. SUBMISSION DEADLINE Proposals must be submitted by [DUE DATE] at 5:00 PM EST to [EMAIL].

[ORGANIZATION NAME] [ADDRESS] [CONTACT INFORMATION]