



COOK INLET ACADEMY

REQUEST FOR PROPOSAL

School Network, Internet, and Security Camera Upgrade

RFP Number: [RFP-2026-0923]

Issue Date: 09-23-2026

Proposal Due Date: 11-01-2026

Project Location: 45872 K-Beach Rd. Soldotna, Alaska 99669

Contact: Joseph Halstead - Information Technology Administrator.
jhalstead@cookinletacademy.org

1. PURPOSE OF THIS RFP

Cook Inlet Academy invites qualified technology and security contractors to submit proposals for the assessment, design, supply, installation, configuration, testing, documentation, and support of a comprehensive school network upgrade.

The project is intended to improve the reliability, capacity, performance, security, and manageability of the school's technology infrastructure while providing appropriate internet connectivity and a modern security camera system.

The selected contractor will be expected to provide a complete, operational solution, including equipment, software, licensing, installation, configuration, testing, training, documentation, and ongoing support as specified in this RFP.

2. PROJECT OBJECTIVES

The objectives of this project include:

- Upgrade the school's wired and wireless network infrastructure.
- Provide reliable, high-speed internet connectivity appropriate for current and anticipated instructional and administrative needs.
- Improve network security, reliability, redundancy, and manageability.
- Provide comprehensive wireless coverage throughout instructional, administrative, and common areas.
- Upgrade network switching, routing, firewall, and related infrastructure as required.
- Deploy a modern IP-based security camera system.
- Improve visibility and management of network and security systems.
- Minimize disruption to school operations during installation.
- Provide documentation, staff training, warranties, and ongoing technical support.



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3. EXISTING ENVIRONMENT

The successful bidder shall conduct a site assessment before finalizing the proposed solution. The existing environment is generally described as follows:

Schools/Buildings: Main campus with additional outbuildings and outdoor recreation area.

Approximate Building Size: [Square Footage]

Current Internet Service: 25/25 DSL provided through Alaska Communications

Current Network: Hardwired CAT 6 Cabling. Gateway and Appliances through Ubiquiti

Wireless System: Older Ubiquiti Wireless AP's throughout building

Existing Cameras: 15 - Ubiquiti IP based cameras throughout campus

Network Closets/IDF/MDF Locations: Main Network rack hosting primary components and a secondary network rack for additional networking locations.

Existing Cabling: Cat5e/Cat6

The school will provide reasonable access to facilities and existing documentation to qualified bidders for purposes of developing their proposals.

4. SCOPE OF WORK

4.1 Network Assessment and Design

The contractor shall:

- Perform a comprehensive assessment of the existing network infrastructure.
- Review existing switches, routers, firewalls, wireless access points, cabling, racks, UPS systems, and related equipment.
- Perform wireless coverage and capacity analysis.
- Identify infrastructure deficiencies, bottlenecks, security concerns, and single points of failure.
- Develop a detailed network architecture and implementation plan.
- Provide network diagrams showing the proposed logical and physical architecture.
- Identify any required electrical, rack, cabling, fiber, or other infrastructure improvements.



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4.2 Internet Service

The proposal shall include internet service capable of supporting instructional, administrative, security, and operational requirements.

Bidders shall provide:

- Proposed internet bandwidth.
- Symmetrical upload/download speeds, where available.
- Service availability and performance commitments.
- Static IP address requirements and allocation.
- Service-level agreement (SLA).
- Installation and activation costs.
- Monthly recurring costs.
- Equipment required to deliver the service.
- Internet service support procedures.
- Estimated installation lead time.
- Options for future bandwidth increases.
- Bidders may provide multiple bandwidth/service options when appropriate.

4.3 Network Infrastructure

- The proposed solution shall include, as applicable:
- Core/distribution switches.
- Managed access switches.
- Power over Ethernet (PoE/PoE+) capability.
- Network routers.
- Next-generation firewall.
- Network management platform.
- Wireless access points.
- Network controllers or cloud management.
- Rack-mounted equipment.
- UPS systems where required.
- Fiber-optic infrastructure and modules.
- Patch panels and cable management.
- Appropriate transceivers and network accessories.
- Equipment should be enterprise-grade and appropriate for a K-12 educational environment.
- All proposed equipment shall be new unless specifically approved by the district.



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4.4 Wireless Network

- The contractor shall design and deploy a wireless network capable of supporting:
 - Student devices.
 - Staff devices.
 - Administrative systems.
 - Voice/video applications.
 - Guest access.
 - Internet-connected instructional devices.
 - Security and operational systems.
- The design shall consider user density, building construction, interference, coverage, capacity, roaming, and expected future growth.
- The bidder shall provide wireless heat maps or equivalent coverage documentation as part of the design.
- The proposed wireless system should support appropriate network segmentation, authentication, access control, and centralized management.

4.5 Network Security

- The proposed network should incorporate appropriate security controls, including:
 - Firewall protection.
 - Intrusion prevention/detection capabilities where appropriate.
 - Content filtering or integration with the district's existing filtering solution.
 - Network segmentation.
 - VLAN configuration.
 - Guest network isolation.
 - Secure wireless authentication.
 - Administrative access controls.
 - Logging and monitoring.
 - Firmware and security update procedures.
 - Secure remote administration.
- The contractor shall clearly identify all recurring licenses or subscriptions required for the proposed security solution.



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5. SECURITY CAMERA SYSTEM

5.1 Camera System Requirements

- The contractor shall design and install an IP-based video surveillance system appropriate for a school environment.
- The proposed system shall include, as applicable:
 - Indoor IP cameras.
 - Outdoor/weather-resistant IP cameras.
 - Fixed cameras.
 - Varifocal or other specialized cameras where appropriate.
 - Network video recorders (NVRs) or equivalent video management system.
 - Required storage.
 - PoE infrastructure.
 - Camera mounting hardware.
 - Video management software.
 - Monitors or viewing stations where required.
 - Licensing and subscriptions.
 - UPS protection for critical equipment.
- The bidder shall recommend camera locations based on the school's layout, security objectives, and site assessment.

5.2 Camera Coverage

- The proposed system should provide appropriate coverage of areas such as:
 - Main entrances and exits.
 - Secondary entrances and exits.
 - Hallways.
 - Common areas.
 - Parking areas.
 - Athletic/activity areas.
 - Perimeter areas.
 - Loading/service areas.
 - Other locations identified by the district.
- Cameras should not be installed in areas where video surveillance would be inappropriate or prohibited.
- The bidder shall provide a camera location plan showing proposed camera locations, viewing areas, camera types, and mounting requirements.



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5.3 Video Storage

- Bidders shall specify:
- Recording resolution.
- Frame rate.
- Compression technology.
- Continuous and/or motion-based recording.
- Retention period.
- Storage capacity.
- Redundancy.
- Storage expansion options.
- Backup capabilities.
- Export capabilities.
- Estimated storage requirements based on the proposed design.
- The school's target retention period is [30/60/90] days, subject to the final system design and applicable requirements.

5.4 Camera Management and Access

- The system shall provide secure administrative and authorized-user access.
- Bidders shall describe:
- User roles and permissions.
- Remote access capabilities.
- Mobile access, if available.
- Audit logging.
- Video export capabilities.
- Evidence management features.
- Multi-site management, if applicable.
- Cybersecurity protections.
- Software update procedures.
- The proposal shall clearly identify any cloud services and recurring subscription fees.

6. CABLING AND INSTALLATION

The contractor shall inspect existing cabling and determine whether it is suitable for the proposed system.

Where new cabling is required, the contractor shall provide:



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- Category 6-plenum rated copper cabling or better as appropriate.
- Fiber-optic cabling where appropriate.
- Patch panels.
- Faceplates and jacks.
- Cable management.
- Labeling.
- Testing and certification.
- Proper pathways and supports.
- All cabling shall be installed in accordance with applicable codes, standards, and manufacturer requirements.
- The contractor shall restore work areas to their original condition following installation.

7. IMPLEMENTATION REQUIREMENTS

- The selected contractor shall provide a detailed implementation schedule.
- The implementation plan shall:
 - Minimize disruption to instruction and school operations.
 - Identify anticipated outages.
 - Coordinate work with school administration.
 - Identify required shutdowns or service interruptions in advance.
 - Provide temporary measures where appropriate.
 - Include testing and acceptance procedures.
 - Include system commissioning.
 - Include staff orientation and training.
- Any work affecting school operations shall be coordinated with the district in advance.



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8. PROJECT MANAGEMENT

The selected contractor shall designate a project manager who will serve as the primary point of contact.

The project manager shall coordinate:

- Project scheduling.
- Site access.
- Equipment procurement.
- Installation.
- Configuration.
- Testing.
- Documentation.
- Training.
- Final acceptance.
- The bidder shall identify the proposed project team and provide relevant experience with K-12 or similarly complex environments.

9. TESTING AND ACCEPTANCE

Before final acceptance, the contractor shall test the complete system.

Testing shall include, as applicable:

- Internet connectivity and throughput.
- Network performance.
- Wired connectivity.
- Wireless coverage and performance.
- VLAN and segmentation functionality.
- Firewall functionality.
- Security controls.
- Camera connectivity.
- Camera image quality.
- Recording functionality.
- Video playback and export.
- Storage and retention.
- Remote access.
- UPS operation.
- Failover/recovery procedures.



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The contractor shall correct deficiencies identified during acceptance testing at no additional cost when the deficiency results from failure to meet the approved project requirements.

10. DOCUMENTATION

At project completion, the contractor shall provide complete as-built documentation, including:

- Network diagrams.
- IP address documentation.
- VLAN documentation.
- Switch and firewall configurations.
- Wireless access point locations.
- Camera locations and coverage maps.
- Equipment inventory.
- Equipment serial numbers.
- Software/licensing information.
- Cabling documentation.
- Configuration backups.
- Warranty information.
- User and administrator documentation.
- Recommended maintenance procedures.
- Documentation shall be provided in electronic format and, if requested, printed format.

11. TRAINING

The selected contractor shall provide training for designated district personnel.

Training should cover:

- Network management.
- Wireless management.
- Firewall administration.
- Basic troubleshooting.
- Camera system administration.
- Video search and playback.
- Video export.
- User management.
- System monitoring.
- Routine maintenance.



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Training shall be conducted before final project acceptance unless otherwise approved by the district.

12. SUPPORT AND WARRANTY

Bidders shall provide detailed information regarding support and warranty services.

Proposals shall identify:

- Equipment warranties.
- Installation warranty.
- Software support.
- Telephone/email/help-desk support.
- Remote support capabilities.
- On-site support.
- Standard response times.
- Emergency response times.
- Escalation procedures.
- Preventive maintenance options.
- Firmware/software update procedures.
- All recurring support and licensing costs shall be clearly identified.

13. PROPOSAL REQUIREMENTS

Each proposal shall include the following:

- Executive summary.
- Company background and qualifications.
- Relevant school/K-12 project experience.
- References for comparable projects.
- Proposed network architecture.
- Proposed internet service.
- Proposed wireless solution.
- Proposed cybersecurity solution.
- Proposed security camera system.
- Equipment list and specifications.
- Implementation methodology.
- Project schedule.
- Staffing and project team.
- Training plan.
- Support and warranty plan.
- Required licenses and subscriptions.
- Itemized pricing.



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- Optional enhancements or alternatives.
- Exceptions to this RFP.
- Required certifications and insurance information.

14. PRICING

Pricing shall be itemized sufficiently for the school to understand both initial and ongoing costs.

At a minimum, bidders shall provide:

Category	One-Time Cost	Recurring Cost
Internet installation	\$	\$ / month
Internet services	\$	\$ / month
Network equipment	\$	\$
Wireless equipment	\$	\$
Firewall/security	\$	\$
Cabling	\$	\$
Camera equipment	\$	\$
Video storage/NVR	\$	\$
Software/licenses	\$	\$ / year
Installation/configuration	\$	
Training	\$	
Support	\$	\$ / year
Other	\$	\$

Total Initial Project Cost: \$

Total Recurring Annual Cost: \$

Bidders shall identify all taxes, shipping, installation, licensing, subscription, maintenance, and other fees.



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15. OPTIONAL ITEMS

Bidders may provide separate pricing for optional services or enhancements, including:

- Additional internet bandwidth.
- Redundant internet service.
- Additional wireless access points.
- Additional cameras.
- Additional video storage.
- Cloud video storage.
- Network monitoring.
- Managed IT services.
- Cybersecurity monitoring.
- Backup systems.
- Additional UPS capacity.
- Future expansion options.
- Optional items shall not be included in the base proposal price unless specifically identified.

16. BIDDER QUESTIONS

Questions regarding this RFP shall be submitted in writing to:

Contact: Joseph Halstead

Title: Information Technology Administrator

Email: jhalstead@cookinletacademy.org

Deadline for Questions: 10-25-26

Responses to substantive questions may be distributed to all participating bidders to ensure a consistent bidding process.

17. SITE VISIT

A site visit can be scheduled in advance through written request to:

Contact: Joseph Halstead

Title: Information Technology Administrator

Email: jhalstead@cookinletacademy.org

Deadline for site visit: 10-25-26



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Bidders are encouraged to inspect the existing facilities, network infrastructure, cabling, electrical conditions, and proposed camera locations before submitting a proposal.

18. PROPOSAL SUBMISSION

Proposals shall be submitted by:

Deadline: 11-01-2026

Submission Method: PDF document via email

Submission Address: jhalstead@cookinletacademy.org

Late proposals may be rejected in accordance with the school's procurement procedures.

19. EVALUATION

Proposals may be evaluated based on factors including:

- Compliance with RFP requirements.
- Technical approach and proposed solution.
- Quality and suitability of equipment.
- Relevant experience.
- Project implementation plan.
- Reliability and scalability.
- Cybersecurity capabilities.
- Camera system capabilities.
- Warranty and support.
- Total cost of ownership.
- References.
- Proposed schedule.

The school reserves the right to request clarification, conduct interviews