Community High School District 99

FCC Form 470 Wireless Controllers, Access Point Licensing and Services

FCC Form 470 Application #270002221

STATEMENT OF WORK

Form 470 Procurement Schedule

RFP and Form 470 Release	Friday, November 20, 2026
Vendor Questions Due	Friday, December 4, 2026 @ 10:0AM CST
District Responses to Questions	Wednesday, December 9, 2026, posted in EPC
Form 470 Proposal Due Date	Wednesday, December 23, 2026 at 4:00 PM CST

Questions and Proposal Submission. Email questions and PDF proposals by the applicable dates above to:

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Community High District 99
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Email address: phoward@csd99.org

IMPORTANT INFORMATION: FCC FORM 470 COMPETITIVE BIDDING REQUIREMENTS

1. Purpose and Procurement Scope

Community High School District 99 (the "District") requests competitive proposals for a complete turnkey wireless controller solution, including wireless controller equipment, necessary software and licensing, associated manufacturer support and services as detailed in the Statement of Work herein. All quantities are estimates. Equipment must meet the specifications stated below or their equivalent.

2. Requested Products and Services

Cisco Catalyst CW9800M (one unit at each location Downers Grove North High School and South High School) or equivalent:

- Qty 2: CW9800M Wireless Controller
- Qty 4: PWR-CH1-750WACR
- Qty 4: Power cords: (e.g., CAB-AC or matching PDU standard)
- Qty 2: Smart Net Total Care 8x5xNBD (5-year) for the CW9800M

AP licensing:

Provide Cisco DNA Essentials access point licensing, AIR-DNA-E or equivalent, for approximately 470 access points. Quote each term below separately, including unit and extended pricing.

- AIR-DNA-E (Cisco DNA Essentials, 3 and 5 -year term options.)
- Quantity = 470

The three-year and five-year terms are alternative pricing options for the same 470 acces points; they are not cumulative quantities. Vendors must identify the exact license part numbers, included functions, compatibility, and any additional licensing required.

Services

Services shall include integration and testing services for the purchased controllers and migration of the existing Cisco Enterprise wireless network including configuration of guest, BYOD and enterprise networks. Configuration of existing Cisco identity management services. Documentation of solution and 60 days of startup support. All work must be completed during the summer of 2027, with scheduling coordinated with the District to ensure work is performed only when students are not in the building.

Successful Implementation and District Acceptance

Successful implementation shall be defined as the completion of all required migration, integration, and testing services, resulting in a fully operational wireless controller solution. All existing Guest, BYOD, and Enterprise wireless networks, associated access points, and Cisco identity management and authentication services must function as intended following migration.

The selected vendor shall demonstrate successful system operation, resolve any outstanding implementation-related issues, and provide final configuration documentation for District review and acceptance. The sixty (60) day post-implementation startup support period shall commence upon District acceptance of the completed solution. This can be completely remotely.

The selected vendor shall provide final documentation of the implemented wireless controller solution, including controller configurations, wireless network settings, authentication integration, licensing information, and testing results. Documentation shall include configuration backups and sufficient technical information to support ongoing District administration.

3. Technical Response and Compatibility

For each proposed controller, provide manufacturer technical documentation showing the model, controller architecture, supported wireless access point families, supported software versions, controller capacity, interfaces/uplinks, high-availability capabilities,

management functions, security and authentication support, and applicable hardware or software dependencies. State any material limitations.

Minimum Technical Requirements

All proposed wireless controllers must meet or exceed the following technical and functional requirements, as applicable to the proposed solution:

A. Wireless Controller Architecture

- Enterprise-grade, hardware-based wireless LAN controller solution.
- Support for centralized management and control of compatible wireless access points.
- Support for Cisco Catalyst wireless infrastructure or equivalent functionality.
- Support for enterprise wireless LAN architectures, including centralized wireless traffic management.

B. Network Integration and Compatibility

- Compatibility with the District's existing Cisco network environment.
- Support for industry-standard networking protocols and IEEE 802.11 wireless standards, as applicable.
- Support for VLAN segmentation and integration with existing switching and routing infrastructure.
- Support for enterprise authentication, including IEEE 802.1X and RADIUS.
- Support for secure wireless access policies and multiple SSIDs.
- Support for IPv4 and IPv6 networking.

C. Security Capabilities

The proposed wireless controller equipment must support the following security capabilities, or equivalent functionality:

- WPA2-Enterprise and WPA3-Enterprise security standards.
- Role-based access controls and enterprise authentication.
- Secure management protocols, including SSH and HTTPS.
- Wireless client isolation and network segmentation.
- Integration with enterprise network security and authentication systems.

D. Management and Monitoring Capabilities

The proposed wireless controller equipment must support the following management and monitoring capabilities, or equivalent functionality:

- Centralized wireless network administration.
- Controller management through graphical and command-line interfaces.
- Logging, diagnostics, and network monitoring.

- SNMP or equivalent industry-standard management protocols.
- Firmware and software updates through applicable manufacturer support entitlements.

4. Vendor Neutrality and Equivalent Solutions

All specifications are intended to promote fair and open competition consistent with applicable FCC and USAC E-Rate competitive bidding requirements. References to Cisco, specific model numbers, or SKUs establish the requested baseline and mean "or equivalent." The District will consider functionally equivalent alternatives that satisfy its documented operational requirements.

A proposer offering an equivalent solution shall include a side-by-side comparison to the requested equipment, manufacturer specifications, compatibility information, and a complete list of any additional hardware or licenses required. Identify any changes to the District's existing network architecture or equipment that the alternative would require. The District may evaluate compatibility, technical suitability, and other disclosed factors, with the price of E-Rate eligible products and services as the primary factor under E-Rate rules.

5. Licensing, Warranty, and Manufacturer Support

- List each license, entitlement, and support agreement by manufacturer SKU, quantity, term, and price.
- Identify included manufacturer warranty coverage, support service levels, hardware replacement terms, and software/firmware update entitlements.
- Disclose subscription renewals, expiration dates or durations, and any operational dependencies after expiration.
- Distinguish manufacturer support from any optional third-party managed or professional services, which are not requested.

- District will evaluate both the three and five year options for evaluation purposes.

6. E-Rate Eligibility and Itemized Pricing

Proposals must separately itemize all products, software, licenses, support and related charges. For each line provide manufacturer, model/SKU, description, quantity, unit price, extended price, and applicable term. Identify one-time versus recurring charges and disclose shipping, taxes, and fees separately.

Vendors must provide a detailed breakdown identifying:

- Manufacturer, model number, and part number for each proposed item.
- Unit pricing, estimated quantities, and extended pricing, with hardware, licensing, manufacturer support, shipping, and any warranty charges separately identified.
- Manufacturer warranty, maintenance, and technical support coverage, including service levels and coverage periods.
- E-Rate-eligible and ineligible portions of each proposed product, license, support agreement, or service.

- Applicable cost-allocation percentages, corresponding dollar amounts, and the basis for allocating any ineligible components.

E-Rate eligible and ineligible products, services, features, and bundled components must be separately identified. For any mixed-eligibility bundle, provide the eligible and ineligible percentages and dollar allocations with supporting manufacturer or other reasonable cost-allocation documentation. Do not characterize the entire bundle as eligible without substantiation. Failure to provide sufficient cost detail may result in rejection of a proposal. Final eligibility is subject to FCC and USAC review.

7. Clarification of Form 470 Service Categories

The Form 470 lists Internal Connections (wireless controllers and necessary software/licenses), Basic Maintenance of Internal Connections (wireless controllers), and Managed Internal Broadband Services (existing equipment). The inclusion of these service categories does not expand the scope beyond the requested controller equipment, associated licensing, and manufacturer support. In particular, the District is not soliciting a separately priced ongoing managed wireless network service, or post-purchase third-party administration, monitoring, or maintenance agreement. Proposers should clearly identify the service category they believe applies to each proposed item, subject to E-Rate eligibility review.

8. Explicitly Excluded Services

- Racking of equipment will be handled by school staff.
- Separately contracted ongoing third-party managed wireless network services

9. Proposal Submission and Supporting Documentation

Proposers shall review the associated FCC Form 470 and this SOW in full. Include product datasheets, an equivalency/compatibility explanation if applicable, manufacturer warranty and support details, licensing dependencies, and complete SKU-level pricing and eligibility allocations. Any submission address, deadline, or procedural requirements separately published with the Form 470 shall govern. The following is required:

1. **Cover letter and exceptions.** Include a cover letter signed by an authorized representative committing to provide the proposed equipment and any awarded services under a written contract. Identify any exceptions.

2. **Scope and pricing.** Provide a statement of work, proposed lead times, pricing assumptions, and the three pricing totals with the itemized breakout required in Section B.

3. **Qualifications and references.** Provide evidence of authority to do business in Illinois, as applicable, and the USAC letter confirming the assigned SPIN. Include at least three comparable references with school or district name and contact information. Identify relevant prior work within K-12, if any, including the project and products delivered.

1. Vendor's Name and SPIN
2. Vendor Contact information person including his/her contact number.
3. Vendor's standard terms and conditions.
4. Documentation that the Vendor is not in Red Light Status with the FCC.
5. Copy of certificate of insurance.

The District reserves the right to request clarification of technical specifications and pricing and to determine whether an offered solution meets its documented requirements, consistent with applicable competitive bidding rules.

The District intends to award the equipment and associated professional services as one comprehensive turnkey project to a single vendor. Separate awards for equipment and professional services will not be considered.

Reasons for Disqualification of Proposals

1. Vendor's proposal is incomplete.
2. Vendor is on Red Light Status with the FCC.
3. Vendor is delinquent on a debt to a state or federal governmental agency or entity.
4. Vendor is not authorized to do business in Illinois.
5. Vendor fails to complete and submit the price as requested.
6. Vendor does not have an E-rate SPIN number
7. All quoted equipment fails to comply with the requirement that the equipment must be new, and not refurbished or "gray market" goods.
8. Bids received after the deadline will be disqualified.
9. Vendor must bid entire scope to be considered compliant.