2027 Cedar Cliff Local Schools RFP for Wireless Update

Section 1: Response & Contact Information

- **RFP Contact:** Brandi Thompson, Technology Coordinator
- **Email for Inquiries & Submissions**: erate@ccliff.net
- **Response Deadline:** 29 calendar days after the posting date of the corresponding FFC Form 470.

Section 2: Objectives & Current Environment

The district seeks a robust solution designed to support at least 30 simultaneous devices performing online research and video streaming per classroom access point. The proposed system must expand capacity while modernizing and integrating seamlessly with our current Cisco Meraki wireless infrastructure.

Existing Environment:

- **Network Infrastructure:** Fiber backbone with 1 Gbps interconnects between wiring closets. Core switch is a Cisco C9300-48UXM. Edge switching consists of various Cisco (C9200L, 2960X, C3560CX) switches.
- **Current Wireless:** 87 Cisco Meraki AP's managed on the cloud.
- **Compatibility:** App proposed hardware, licensing, and configurations must be fully compatible and functional within this existing ecosystem.

Section 3: Scope of Work & Requested Equipment

The district seeks a full turnkey solution encompassing the provision of all required hardware, appropriate licensing, mounting hardware, and patch cabling, alongside comprehensive services for system configuration, deployment, labeling, and seamless integration, including the decommissioning and removal of legacy equipment and peripheral accessories.

Requested Equipment List (or equivalent):

Quantities are subject to adjustment (+/- 5 units). Bidders must provide itemized unit pricing.

Quantity	Item Desc/Part Number
81	Cisco Meraki CW9174I (Wi-Fi 7 Indoor) Cloud Managed Access Points and mount - or equivalent
2	Cisco Meraki MR76 (Wi-Fi 6 Outdoor) Cloud Managed Access Point and mount - or equivalent
83	Cisco Meraki Enterprise Cloud Controller Subscription License - or equivalent
10	Meraki Dual Band Sector Antenna or - equivalent

5	Proxicast Pro-Grade J-Max Solid Stainless Steel Antenna Mount - or equivalent
5	Heavy-Duty Wire Guard for Cisco Meraki CW9174I (Wi-Fi 7 Indoor) Cloud Managed Access Points - or equivalent
85	Power Option A: Single-Port 802.3bt mGig Injector (Cisco AIR-INJ7= or equivalent) - 60 W per port - 100M/1G/2.5G/5G/10G - or equivalent
5	Power Option B: Managed Multi-Port Rack-Mount PoE++ Midspan (or equivalent)\60 W per port- 10/100/1000/2500/10000 Mbps - or equivalent
4	Renewal - Cisco Meraki Enterprise Cloud Controller Subscription License - or equivalent
28,350 feet	Cabling - Cat6A or equivalent

Installation & Technical Specifications:

1. **Power Over Ethernet (PoE):** AP's must support standard PoE (IEEE 802.3af) as well as PoE+ (IEEE 802.3at) and be configurable to handle 802.3af to prevent power budget issues.

2. **Equipment:** All supplied equipment must be new, unused, unopened in its original packaging with all original packaging materials included. Original manufacturer's warranty must be included and valid.

    a. Specifications:
        i. Interior APs must support or exceed the following specifications:
            1. 2x2:2 MU-MIMO (2.4 GHz), 4x4:4 MU-MIMO (5 GHz and 6 GHz) or 4x4:4 MU-MIMO (2.4 GHz and 5 GHz)
            2. Integrated Bluetooth Low Energy®/IoT and dedicated scan radio
            3. 5 Gbps multigigabit Ethernet, USB
        ii. Exterior APs must support or exceed the following specifications:
            1. Quad-radio, cloud-managed 2x2 MU-MIMO 802.11ax access point
            2. Designed for general purpose, next-generation deployments in harsh outdoor locations and industrial indoor conditions
        iii. Include pricing for 1, 3, 5, and 7 year terms of OEM Cisco Meraki support licensing for AP's.
            1. Bidders should note any promotional offerings or complimentary licensing terms provided by Cisco Meraki with new hardware procurement.
        iv. Power Option A: Single-Port 802.3bt mGig Injector (Cisco AIR-INJ7= or equivalent) - 60 W per port - 100M/1G/2.5G/5G/10G
        v. Power Option B: Supply managed rack mountable PoE++/ 802.3af/at/bt Injector with minimum of 60W Per Port, Up to 328 Ft - 10/100/1000/2500/10,0000Mbps option per closet as necessary.
        vi. During the walkthrough it will be determined if cabling/ethernet drops are required.

3. **Installation Locations:**
    a. (76) Standard step ladder access
    b. (3) High ceiling classroom locations
    c. (2) High ceiling cafeteria locations

d. (2) Outdoor brick exterior mounts

4. **Work Schedule & Disruption**: Following contract execution and receipt of the USAC funding decision letter, work may be scheduled. Subject to USAC funding approval, full site access will be granted beginning June 1st, which is the first business day following the conclusion of the school year.

5. **Documentation & Asset Management:** Vendor must label each AP and switch connection per district standards and provide an updated E-rate Asset Register/Inventory List detailing room numbers and placement.

6. **Alternative Proposal Option:** The district reserves the option to scale back total procurement quantities in the event that full funding for all proposed hardware is unavailable during Funding Year 2027. Consequently, vendors are requested to quote the following:

Quantity	Item Desc/Part Number
88	Renewal - Cisco Meraki Enterprise Cloud Controller Subscription License - or equivalent

Bidders must detail itemized pricing structured in 44-unit blocks to facilitate phased acquisition planning.

Section 4: Mandatory Vendor Requirements & Qualifications

To be considered for evaluation, bidders must meet all of the following requirements:

1. **E-rate Compliance & SPIN:** Bidders must possess a valid Service Provider Identification Number (SPIN) and be in good standing with the FCC/USAC.

2. **Discounted Billing:** Vendor must explicitly state in writing their willingness to provide USAC Discounted Billing (FCC Form 472/SPI method). For any billing utilizing the Service Provider Invoice (SPI) method, the vendor shall only bill the E-rate program for the eligible portion of the services. The non-discounted share and 100% of all ineligible costs shall be billed directly to the Applicant on a separate invoice.

3. **Mandatory Site Walk-Through:** Vendors **must** attend one of the scheduled on-site walkthroughs listed below to be eligible to bid on this project:
   Session 1: Tuesday, November 17, 2027, at 1:00 PM EST
   Session 2: Thursday, November 19, 2027, at 2:00 PM EST

   Location & Check-in: Report to the Board of Education office upon arrival.
   To confirm attendance or request high-resolution building floor plans prior to the walkthrough, email Brandi Thompson at erate@ccliff.net. Bids submitted by vendors who do not attend one of these mandatory sessions will be disqualified. Vendors who have visited and conducted a walkthrough in the last 30 days do not need to schedule an onsite visit.

4. **Product Condition:** All equipment supplied must be brand new, unused, and in original packaging with full manufacturer warranties intact.

5. **Certifications & References:** Vendor must hold active engineering-level certifications for all hardware and software proposed and provide three (3) client references (K-12 schools preferred).

6. **Contingency & Price Guarantee:** Contract execution is subject to E-rate funding approval. Prices must remain firm through the duration of E-rate Funding Year 2027 (or project completion).

Section 5: Submission & Inquiry Guidelines

- **Inquiries:** Submit all questions via email to erate@ccliff.net no later than one week prior to the Allowable Contract Date. Answers will be distributed to all participating vendors to ensure equal transparency. Phone calls will not be accepted.
    - Request a PDF copy of our building maps by emailing erate@ccliff.net.

- **Proposal submissions:** Bids must be delivered electronically in PDF format to erate@ccliff.net no later than 11:59 PM EST on the 29th day following the Form 470 posting. We reserve the right to reject late submissions.

Section 6: Bid Evaluation Criteria

In compliance with FCC E-rate rules, Price of E-rate Eligible Services will be the primary factor in the evaluation process.

Factor	**Points Available**
Price of the eligible goods and services	50
Equipment compatible with existing infrastructure	20
Prior experience with vendor	15
Local or In-state vendor	10
Agreement to offer discounted billing (SPI Method)	5
Total	100