Category 2 Proposal
Internal Connections, BMIC, and MIBS

Applicant

CLINTON SCHOOL DISTRICT 32

1. Executive Summary

Moore Technology submits this proposal in response to the Clinton School District FY 2026–2027 Category 2 Replacement RFP. Moore Technology will provide District-owned equipment, licensing, installation/configuration, and Managed Internal Broadband Services (MIBS) to replace aging infrastructure and ensure a reliable, scalable, and E-Rate-compliant network.

The proposed solution meets or exceeds all RFP technical requirements, provides a minimum five-year useful life, supports flexible licensing terms, and minimizes operational, compliance, and lifecycle risk to the District.

2. Local Presence and Technical Qualifications

Moore Technology has Cisco Certified Technicians in Missoula, MT. This local presence enables rapid onsite response when required and supports the District's preference for vendors within close geographic proximity, reducing response time and operational risk.

Moore Technology employs Cisco-certified technicians with direct experience deploying, supporting, and maintaining Cisco Meraki networks in K–12 environments. Certified technical staff are available throughout the project lifecycle to support installation, configuration, ongoing maintenance, and troubleshooting.

Our technicians are also certified with other manufacturers and have the capability to service and maintain any of the District's network equipment.

3. Switch Hardware

The proposed Cisco Meraki switching platform provides PoE+ (802.3at) on all access ports, ensuring full power support for Wi-Fi 6 access points and other powered devices. Though the District requested 12 switches, 6 additional 24-port switches are included so the District may determine the optimal mix of 48-port and 24-port switches based on current and future needs. The 48 Port Switches are in the base bid and the 24 port switches are included as optional line items.

This switching architecture supports scalable growth, redundant uplinks, and centralized cloud management, aligning with best practices for K–12 campus environments.

48-Port PoE Switches — Qty 3 — Cisco Meraki MS150-48LP-4X (48× 1Gb PoE+ Ports, 370W PoE budget, 4× 10Gb SFP+ uplinks)

24-Port PoE+ Switches — Qty 5 — Cisco Meraki MS150-24MP-4X (16× 1Gb RJ45 PoE+ Ports, 8x 5Gb POE+ Ports, 370W PoE budget, 4× 10Gb SFP+ uplinks)

8 ports capable of 5Gbps/2.5Gbps/1Gbps and 16 1GbE ports

- The MS150 family is L2 and supports L3 features, specifically static routing. They are ideal for campus, support SFP+ uplinks, and provide PoE budgets up to 740W. The MS130 family is likewise designed and includes models with SFP+-capable uplinks, allowing the District to standardize management and scale wireless infrastructure over time. Meraki cloud-managed switching provides centralized monitoring and support constructs that reduce downtime risk in public schools—Cisco highlights a 99.9% cloud SLA with 24/7 support for the MS150 line, which aligns directly to the District's evaluation on reliability and reduced operational risk. Each switch is provisioned with a minimum of two 10Gb SFP+ uplink transceivers to enable redundant uplinks and sufficient aggregation headroom. This approach is consistent with vendor best practices and the District's expectation for a turnkey solution, and it leverages the MS150/MS130 platform support for high-speed SFP+ uplinks.

4. Switch Licensing (Enterprise vs. Advanced)

Cisco Meraki MS150 switches support both Enterprise and Advanced licensing tiers. **Co-term organizations cannot mix license tiers within the same environment.**

Licensing is provided as separate line items with 1-year, 3-year, and 5-year options, allowing the District to align licensing terms with funding strategy and long-term planning. You will see on our BOM that we have included the Enterprise 1 Year licensing for all equipment. Below are the other pricing options:

48-Port MS150 Licenses — Qty 3 -

Description	Manufacturer	Model	Qty	Price/EA	Extended Price
3 Year Enterprise License for 48 Port Switches	Cisco Meraki	LIC-MS150-48-3Y	3	$ 332.90	$ 998.70
5 Year Enterprise License for 48 Port Switches	Cisco Meraki	LIC-MS150-48-5Y	3	$ 555.31	$ 1,665.93
1 Year Advanced License for 48 Port Switches	Cisco Meraki	LIC-MS150-48A-1Y	3	$ 295.56	$ 886.68
3 Year Advanced License for 48 Port Switches	Cisco Meraki	LIC-MS150-48A-3Y	3	$ 680.20	$ 2,040.60
5 Year Advanced License for 48 Port Switches	Cisco Meraki	LIC-MS150-48A-5Y	3	$ 1,110.63	$ 3,331.89

24-Port MS150 Licenses — Qty 5 –

Description	Manufacturer	Model	Qty	Price/EA	Extended Price
3 Year Enterprise License for 24 Port Switches	Cisco Meraki	LIC-MS150-24-3Y	5	$ 192.56	$ 962.80
5 Year Enterprise License for 24 Port Switches	Cisco Meraki	LIC-MS150-24-5Y	5	$ 320.95	$ 1,604.75
1 Year Advanced License for 24 Port Switches	Cisco Meraki	LIC-MS150-24A-1Y	5	$ 171.16	$ 855.80
1 Year Advanced License for 24 Port Switches	Cisco Meraki	LIC-MS150-24A-3Y	5	$ 392.25	$ 1,961.25
1 Year Advanced License for 24 Port Switches	Cisco Meraki	LIC-MS150-24A-5Y	5	$ 641.89	$ 3,209.45

5. Firewall

QTY 1 — MX95-HW

Performance/fit note: MX95 provides multi-gig capability with published stateful firewall and NGFW detection throughput targets that are appropriate for a district core/perimeter refresh.

Firewall Licensing Line Items:

Licensing is provided as separate line items with 1-year, 3-year, and 5-year options, allowing the District to align licensing terms with funding strategy and long-term planning. You will see on our BOM that we have included the Enterprise 1 Year licensing for all equipment. Below are the other pricing options:

Category	Manufacturer	Manufacturer #	Quantity	Price/Each	Extended Price
Enterprise 3 Year License (Firewall)	Cisco Meraki	LIC-MX95-ENT-3Y	1	$2,732.50	$2,732.50
Enterprise 5 Year License (Firewall)	Cisco Meraki	LIC-MX95-ENT-5Y	1	$4,436.25	$4,436.25
Advanced 1 Year License (Firewall)	Cisco Meraki	LIC-MX95-SEC-1Y	1	$3,817.50	$3,817.50
Advanced 3 Year License (Firewall)	Cisco Meraki	LIC-MX95-SEC-3Y	1	$5645.00	$5645.00
Advanced 5 Year License (Firewall)	Cisco Meraki	LIC-MX95-SEC-5Y	1	$8650.00	$8650.00

6. Operational Reliability, Proven K-12 Performance, and Lifecycle Risk

Cisco's has numerous K-12 reports documenting real-world operational advantages of this architecture. For example, West Ada School District reports that the Meraki dashboard provides clear visibility into network topology, showing each access point and the exact switch port to which it is connected.

Orange County Public Schools reports that centralized remote management significantly reduced time spent traveling between schools and enabled better bandwidth prioritization for state testing applications.

To support the District's five-year useful life requirement, the proposed Cisco Meraki MS150/MS130 switch families are not listed on Meraki's published End-of-Life list at the time of bid preparation.

7. Wireless Access Points

Moore Technology will supply and install 32 Unifi U7Pro Access Points. The Unifi U7 Pro is a high-performance, ceiling-mounted Wi-Fi 7 access point designed for high-density environments, offering up to 10.8 Gbps total throughput across 6, 5, and 2.4 GHz bands. Featuring 6 spatial streams and a 2.5 GbE uplink, it supports 300+ client devices within a 1,500 ft² area, providing enterprise-grade, future-ready connectivity.

8. Managed Internal Broadband Services (MIBS)

Moore Technology will provide ongoing monitoring, configuration management and firmware updates to ensure reliable network operations. For the purposes of this bid, Moore Technology will provide limited services including network monitoring, 24/7 alerts, patching internal connections, and basic network operations. It does not include endpoint management or helpdesk support. Equipment may include routers, wireless access points, switches, wireless controller, wire and cable, firewall and components, UPS, connectors, and related components as set by the eligible services list. Moore Technology has qualified technicians that can offer MIBS services on any make/model of equipment. The MIBS Contract will be for 1 year of service, with the option for (4) 1 year extensions at the same price. This is up to the District's discretion. The Annual Remote-only option is included in the base bid. Below is a table of all the available options.

MIBS Service Level	Monthly	Annual
Remote-only MIBS	$750	$9,000

Eligible MIBS services are structured to support the District's operational needs while maintaining E-Rate eligibility. Below is pricing for any ineligible service.

Ineligible Service	**Rate**
Ineligible troubleshooting / remediation	$150/hr
Ineligible onsite labor	$150/hr
After-hours emergency support	$200/hr

11. BMIC Support

BMIC Support is provided at $150 per hour for up to 400 hours, supporting compliance with E-Rate Basic Maintenance of Internal Connections requirements. We do not anticipate the District needing to utilize this many hours, but we want to make sure that the District is covered for any unforeseen circumstances. All Basic Maintenance will be charged on a Time and Materials basis.

12. Service Start Date

Moore Technology is prepared to deliver equipment and/or begin services **July 1, 2026**, or as soon as feasible following receipt of a Funding Commitment Decision Letter and District Notice to Proceed.

13. References

Moore Technology will provide at least **three (3) K-12 references** upon request.

14. Invoicing

Moore Technology will provide SPI or BEAR invoicing, up to the discretion of the District.

15. Optional Contingency

Though it is not part of the base bid, Moore Technology has included an optional 10% Contingency to cover any additional, unforeseen costs. Moore Technology suggests that the District include this contingency, but it is up to the District's discretion.

16. Acceptance

This proposal is contingent upon E-Rate funding approval and District/Board approval.

Authorized Representative (Mooretech)
Name: _____
Title: _____
Date: _____

Authorized Representative (Clinton School District 32 Proposal)
Name: _____
Title: _____
Date: _____