

Managed Network/Computer Service Provider Requirements

Prairie View Schools, USD 362

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1. Vendor will lease all ERATE Category 2 and non-ERATE compliant network and network switching devices to include but not restricted to Wireless Access Points, Network Data Switches, Integrated Service Routers, Firewalls, etc. This is to be a 5 year commitment. Firewalls must support a minimum bandwidth capabilities of 2 Gigabit per second throughput to internet/inter-building VLAN/VPN and data switches must use existing fiber connections (Intra-Building) with a capacity of up to 10 Gigabit per second. The school district is currently running 1 Gigabit per second capacity throughput to internet at each of our three main campuses.
2. Vendor will provide all network infrastructure devices for wired and wireless network computing and printing devices throughout the school district utilizing existing network cabling/jacks/patch panels. Vendor is to install and configure all necessary network infrastructure equipment. The school district has a preference for Cisco equipment. We currently lease Cisco equipment and request a one for one identical or step up replacement from the new contract vendor. A list, complete with make/models and quantities of currently installed equipment, can be found later in this document. Wireless devices and infrastructure must provide a minimum of Wifi6 wireless and 1 Gigabit per second ethernet wired connectivity. Wired connectivity must be capable of maintaining a minimum of 1 Gigabit to the all existing attached end user devices that support such connectivity. Network equipment must be capable of auto-negotiating connections with existing connected network end user devices. Vendor is to use existing network cabling, data racks for network infrastructure, and Uninterruptible Power Supplies where appropriate. Vendor is to provide equipment that can assure sustained backplane and link bandwidth throughput of not less than 90%.
3. Vendor is to provide off-site managed application and data storage servers. These hosted servers will require the vendor to provide backup, disaster recovery, and transparent fail-over redundancy systems and service. The vendor provided servers will host all district data shares, Symantec End Point Protection Web Console, Alertus Web Console, and Entre' Windows and Web Console (Entre' will require Remote Access Service to the Server OS). Vendor will provide Directory Services (Active Directory), System Center Configuration Manager (SCCM), and Key Management Server (KMS) services. Vendor will provide and maintain all hardware, software, operating systems, virtualization components, service, security, and repairs/updates/upgrades as necessary on a regular basis to keep systems secure, functional, and performing at peak performance. Vendor is to maintain all related licensing for the server Operating Systems and backup systems including any hardware, software, firmware, SSL Certificates, and 3rd party software support.
4. Backup systems are to maintain data on secure backup devices housed in Data Centers located no less than three geographically, all within the continental US. Data Backups are to be data replications occurring hourly, performed around the clock. Failover systems are to function seamlessly in real time should one or two Data Centers go off-line. Data Centers are to have backup power generation capabilities, and Wide Area Network redundancy using different network carriers between Data Centers. Data Centers are to provide fire suppression systems to safe-guard data and housed in secure buildings to prevent unauthorized access to sensitive data.
5. Vendor must provide a 24 hours a day/7 days a week/365 days a year minimum manned Network Operations Center(NOC) to cover all vendor provided equipment and services and a manned 6am to 6pm US Central Time Zone Monday through Friday (or greater) helpdesk. The helpdesk must be US based and provide web, phone, and chat or email access to all school district end users and must provide a secure remote desktop computer

access/control system to allow Helpdesk personnel to remotely support end user's Microsoft Windows based computers. All network/server outages are to be immediately reported to district technology staff at vendor support staff's first opportunity.

6. Vendor is to provide 24 hours a day/7 days a week/365 days a year Incident Detection and Response monitoring. This service is to monitor attacker network activity in real time and must report data to vendor security personnel and/or vendor NOC. This data is to be analyzed and used to eliminate the threat.
7. Vendor will be required to manage and maintain the network infrastructure to include regular software, firmware, and licensing updates of all network data switches, wireless access points, routers, firewalls, etc.
8. Vendor will provide and maintain regularly scheduled network security scans/probes to determine and remedy network security weaknesses.
9. A user and administrator Web Console or Dashboard is to be provided. Users must be able to change login passwords, manage printer connections. Administrators must have the ability to create/delete user accounts, administer network file/folder shares, create/administer user group memberships, change passwords, perform user account activation/onboarding and deactivation/offboarding.
10. Vendor will be required to assist in managing the school district's Google Workspace, Securly web content filter, and Gaggle content filter. Vendor is to provide Google Workspace Admin Console support to assist in SIS (Student information Systems) and HR (Human Resource) Systems integration and Google Chromebook/Chromebox integration. Vendor is to provide Mobile Device Management (MDM) support on an as needed basis. The school district currently uses and manages JAMF for our One-to-One Apple iPad deployments to staff and students.
11. Vendor will be required to offer identity management system/services to integrate school district Student Information System (SIS) and Human Resources (HR) systems and processes into the vendor provided user and administration console/dashboard. The school district is currently using Skyward as our SIS and HR system. Further, identity management must integrate with services such as Google Workspace and Microsoft Office 365. These integrations should function in near real time.
12. Vendor is to provide monthly online meetings with school district technology team and/or school district administrative staff to discuss issues, concerns, updates, timelines, and projects.
13. Vendor is to provide a mechanism to provide Microsoft Windows computer imaging platform and software deployment and upgrade services (such as SCCM). Vendor will also be required to perform proactive maintenance on end points devices such as Microsoft Windows desktop and laptop computers for Microsoft software and operating system patching, Dell firmware upgrades, 3rd Party software patching, and 24 hours per day/7 days per week/365 days per year hardware monitoring. The school district is currently running Microsoft Windows 11 Enterprise on Dell Optiplex desktop and Dell Latitude laptop computers.
14. Vendor is to provide State Assessment software support in the form of scheduling testing software updates and using vendor provided push mechanisms to deploy updated software prior to testing windows. The school district currently uses "KITE Student Portal" and "NWEA Secure Testing Browser" for our student assessments.

Prairie View Schools, USD 362
Network Device Inventory by Location

15 July 2025

Prairie View High School	Qty	ERATE Category 2 Eligible Qty	ERATE Ineligible Qty
Cisco/Meraki MR-46 Indoor WAP	49	49	0
Cisco/Meraki MS125-48LP 48 Port POE Switch	7	7	0
Cisco/Meraki MS125-24P 24 Port POE Switch	1	1	0

Prairie View Middle School	Qty	ERATE Category 2 Eligible Qty	ERATE Ineligible Qty
Cisco/Meraki MR-46 Indoor WAP	27	27	0
Cisco/Meraki MS125-48LP 48 Port POE Switch	8	8	0
Cisco ISR4331-SEC/K9 Integrated Services Router	1	1	0

Football Stadium	Qty	ERATE Category 2 Eligible Qty	ERATE Ineligible Qty
Cisco/Meraki MR86 Outdoor WAP	1	1	0
Cisco/Meraki MR46 Indoor WAP	1	0	1
Cisco/Meraki MS120-8LP 8 Port POE Switch	1	1	0

Prairie View Performing Arts Center	Qty	ERATE Category 2 Eligible Qty	ERATE Ineligible Qty
Cisco/Meraki MR46 Indoor WAP	3	3	0

Prairie View District Office	Qty	ERATE Category 2 Eligible Qty	ERATE Ineligible Qty
Cisco/Meraki MS125-48LP 48 Port POE Switch	1	1	0
Cisco/Meraki MR46 Indoor WAP	2	2	0

Prairie View Bus Barn	Qty	ERATE Category 2 Eligible Qty	ERATE Ineligible Qty
Cisco/Meraki MS125-24P 24 Port POE Switch	1	0	1
Cisco/Meraki MR46 Indoor WAP	1	0	1

La Cygne Elementary	Qty	ERATE Category 2 Eligible Qty	ERATE Ineligible Qty
Cisco/Meraki MR-46 Indoor WAP	23	23	0
Cisco/Meraki MS125-48LP 48 Port POE Switch	4	4	0
Cisco/Meraki MS125-24P 24 Port POE Switch	1	1	0
Cisco ISR4331-SEC/K9 Integrated Services Router	1	1	0

Little Buffs Daycare Center	Qty	ERATE Category 2 Eligible Qty	ERATE Ineligible Qty
Cisco/Meraki MR-56 Indoor WAP	2	0	2
Cisco/Meraki MS125-24P 24 Port POE Switch	1	0	1

Parker Elementary	Qty	ERATE Category 2 Eligible Qty	ERATE Ineligible Qty
Cisco/Meraki MR-46 Indoor WAP	22	22	0
Cisco/Meraki MS125-48LP 48 Port POE Switch	4	4	0
Cisco ISR4331-SEC/K9 Integrated Services Router	1	1	0

Vendors must provide separate costs for their proposals for the E-rate eligible and ineligible services and equipment. The ineligible items requested include, but are not limited to:

1. MIBS for equipment located at ineligible locations, such as the bus barn.
2. MIBS for equipment that is not E-rate eligible, such as workstations, laptops, printers, card readers etc.
3. Off-site backups
4. Advanced, next generation firewall protections
5. Google integration services
6. SIS and HR services
7. MS Windows imaging and related services
8. State assessment software

Total Number of District Computers:

1. Windows 11 Desktops = 215
2. Windows 11 Laptops = 220
3. ChromeBoxes = 11
4. ChromeBooks = 247
5. iPads = 1221
6. On-Premise Windows 2019 Servers (District Managed) = 8