Category 2	Yes/No	
Amargosa Valley Elem School	Yes	Combined with MS
Amargosa Valley Middle School	Yes	Combined with ES
Beatty Elem School	No	
Beatty Middle School	No	
Beatty HS	No	
Duckwater Schools (ES/MS)	Yes	
Floyd Elem School	Yes	
Gabbs Elem School	Yes	Combined with MS/HS
Gabbs Middle School	Yes	Combined with ES/HS
Gabbs High School	Yes	Combined with ES/MS
Hafen Elem School	Yes	
JG Johnson Elem School	Yes	
Manse Elem School	Yes	
Nye County Northern District Headquarters	No	
Nye County Southern District Headquarters	No	
Pahrump High School	Yes	
Pathways High School	No	
Rosemary Clarke Middle School	Yes	
Round Mountain Elem School	Yes	Combined with MS/HS
Round Mountain Middle School	Yes	Combined with ES/HS
Round Mountain High School	Yes	Combined with ESLMS
Tonopah Elem School	Yes	Combined with MS
Tonopah Middle School	Yes	Combined with ES
Tonopah High School	Yes	
Transportation	No	

Nye County School District
Category 2 items

School	Quantity	Description
Amargosa Elem & MS	7	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
Floyd	14	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
Hafen	19	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
JG Johnson	10	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
Manse	19	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
Pahrump HS	46	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
Rosemary Clarke MS	29	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
Tonopah HS	9	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
Rnd Mtn ES/MS/HS	14	Wireless AP Aruba IAP-325-US or equivalent which provides support for both the 5Ghz and 2.4Ghz bands and 802.11a/g/n/ac technologies.
Total	**167**	

Nye County School District
Category 2 items
Routing   4 different items - PVHS & RCMS have different add ons.

School	Quantity	Description
Floyd	1	Cisco 3850-24-S or equivalent, with more than 60 Mpps forwarding performance that combines routing and switching capability in a single platform and provides close to 24 ports with at least 14 ports supporting 1Gb Fiber, and 6 ports supporting 1Gb Ethernet.
Total	**1**	
Pahrump HS	1	Cisco 4500-X-16SFP+ or equivalent, with add-on port capacity if necessary, with more than 200 Mpps IPV4 routing performance that combines routing and switching capability in a single platform and provides close to 24 ports with at least 2 ports supporting 10Gb SFP with Fiber module, 14 ports supporting 1Gb Fiber, and 6 ports supporting 1Gb Ethernet.
Total	**1**	
Rosemary Clarke MS	1	Cisco 4500-X-16SFP+ or equivalent, with add-on port capacity if necessary to meet port requirements, with more than 200 Mpps IPV4 routing performance that combines routing and switching capability in a single platform and provides close to 24 ports with at least 2 ports supporting 10Gb SFP with Fiber module, 18 ports supporting 1Gb Fiber, and 2 ports supporting 1Gb Ethernet.
Total	**1**	
Duckwater ES/MS	1	Cisco ISR4331/K9 or equivalent, with at least 100 Mbps aggregate thorughput and a minimum of 2 10/100/1000 ports.
Total	1	

Nye County School District
Category 2 items
Switching

School	Quantity	Description
Floyd	6	Cisco 2960X-48FPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on all ports and can support up to 24 ports with 802.3at/POE+ (up to 30W)
Hafen	7	Cisco 2960X-48FPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on all ports and can support up to 24 ports with 802.3at/POE+ (up to 30W)
JG Johnson	10	Cisco 2960X-48FPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on all ports and can support up to 24 ports with 802.3at/POE+ (up to 30W)
Manse	8	Cisco 2960X-48FPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on all ports and can support up to 24 ports with 802.3at/POE+ (up to 30W)
Pahrump HS	21	Cisco 2960X-48FPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on all ports and can support up to 24 ports with 802.3at/POE+ (up to 30W)
Rosemary Clarke MS	13	Cisco 2960X-48FPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on all ports and can support up to 24 ports with 802.3at/POE+ (up to 30W)
Total	65	

School	Quantity	Description
Duckwater ES/MS	1	Cisco 2960X-48LPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on 24 ports and can support up to 12 ports with 802.3at/POE+ (up to 30W)
Tonopah HS	1	Cisco 2960X-48LPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on 24 ports and can support up to 12 ports with 802.3at/POE+ (up to 30W)
Rnd Mtn ES/MS/HS	6	Cisco 2960X-48LPS-L or equivalent that provides close to 48 ports, and includes at least 2 1Gb Fiber modules and possibly 2 1G Ethernet modules, and additionally supports POE IEEE 802.3af (up to 15.4W) on 24 ports and can support up to 12 ports with 802.3at/POE+ (up to 30W)
Total	**8**	

Nye County School District
Category 2 items
Fiber Project

School	Quantity	Description
JG Johnson	1	Restore access to Modular building groups via new fiber connection. Original underground conduit was destroyed when playground canopy was put in. Currently the modular group is working via a temporary wireless bridge. The modular buildings are in two groups, the bulk of all mods except for one group are all connected via a fiber spoke network. Currently this spoke is engaged by an edge connection in one of the mods which is joined to the larger network via network bridge from a nearby building (SESS). The second bridge joins the last mod pair to the larger group. The most cost effective way to restore service seems to be a conversion of the wireless bridge virtual path to two new fiber connections in conduit.
Total	**1**	

Nye County School District
Category 2 items
Cabling Drops

School	Quantity	Description
Pahrump HS	1	Provide network drop to Gym from switch closet in auditorium, total length less than 200 ft. Cable must pass through concrete wall of Gym at matching height of existing wireless AP. The use of a lift will be necessary. Once the drop is complete and tested, an AP will be mounted to the concrete wall, connected, and protected with a wire cage. The AP, wall mount, and cage will be provided by the in-house IT department.
Total	**1**	
Rosemary Clarke MS	26	Provide network drops to new AP locations to nearest network infrastructure site, punch down to new patch panel if necessary, and terminate into biscuit jack in ceiling, which will be mounted to any nearby structural component above the ceiling tile. Drops must contain extra length neatly coiled above the ceiling tile.
Total	**26**	

Nye County School District
Category 2 items
Network Combined Projects

School	Quantity	Description
Split Between Tonopah Elem & Middle	?	The existing IDF for the upper building is inside a very small janitor closet on the second floor. The goal is to create a new IDF in a room down the hall on the other side of the upper building. The project will require both fiber work and 42 network cable drops to classrooms. See project details for more information.
Split Between Tonopah Elem & Middle	42	Drops
Split between Gabbs ES/MS/HS	1	To bridge network connectivity to the school Gym/Multi-Purpose-Room by way of wireless sky bridge. The directional radio equipment will connect the main school building and the Gym via rooftop mounts. The equipment and mounts must be rated for high wind and incliment weather operation. The distance will be close to 300 ft and the rated speed must be at least 100 Mb/s. The radio units must be completely self contained and POE powered.