

## **E-Rate Cat-2 2019 Equipment Requirements**

**Site:** Round Mountain Elementary  
Round Mountain Middle  
Round Mountain High

61 Hadley Circle. Round Mountain, NV 89045

## WIRELESS

**Project Description:** Deliver fourteen (14) units of the compatible equipment, all product documentation, mounting hardware for drop-ceiling deployment, list of serial and MAC values, and send out with latest long-term-release firmware installed. In-house IT dept. will deploy and program.

**Justification:** Entire NCSD wireless infrastructure is Aruba and Aruba Instant controller is used for management. If proposing a product other than our existing infrastructure, please provide an explanation of how this will be implemented and work with our existing deployment and provide a single unified interface for management at each specific site. If certification or training is required to utilize the new equipment, please provide a cost per employee for training and certification.

- |     |             |
|-----|-------------|
| 1.  | Rm 1        |
| 2.  | Rm 2        |
| 3.  | Rm 3        |
| 4.  | Rm 4        |
| 5.  | Rm 5        |
| 6.  | Rm 6        |
| 7.  | Rm 7        |
| 8.  | Rm 8        |
| 9.  | Rm 9        |
| 10. | Main Office |
| 11. | Rm 11       |
| 12. | Rm 15       |
| 13. | Rm 13       |
| 14. | Mod 10      |

**E-Rate Description:** 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.

Qty Requested = 14

### Vendor Selection

AP Hardware	Qty	Make and Model		Unit Price	\$
Add'l Hardware	Qty	Make/Model/Desc		Unit Price	\$
Add'l Hardware	Qty	Make/Model/Desc		Unit Price	\$
Project Labor Total Cost	\$	Or	Qty	X	Unit Price \$

### Notes:

### Section Total \$

Check here if additional information is attached.

## SWITCHING

**Project Description:** Deliver to central staging site six (6) or more switches, depending on bid cost, of the compatible equipment with all product documentation, rack mounting hardware, and all appropriate licensing. For each switch include at least two 1G Fiber SFP modules, and if switch contains at least 4 SFP ports additionally include two 1G Ethernet SFP modules as described.

Bid to have on-site tech, unbox the units, mount the rack hardware, update the firmware to the latest long-term-release, load with a simple staging configuration that we provide, IT staff can rack and configure.

**Justification:** Entire NCSD routing and switching infrastructure is Cisco. If proposing a product other than our existing infrastructure, please provide an explanation of how this will be implemented and work with our existing deployment and any costs required to migrate the network to any non-Cisco standards like OSPF. If certification or training is required to utilize the new equipment, please provide a cost per employee for training and certification.

**E-Rate Description:** 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)

Qty Requested = 6

### Vendor Selection

Base Hardware Qty	Make/Model/Desc			Unit Price \$
Add'l Hardware Qty	Make/Model/Desc			Unit Price \$
Add'l Hardware Qty	Make/Model/Desc			Unit Price \$
Add'l Hardware Qty	Make/Model/Desc			Unit Price \$
Project Labor Total Cost \$	Or	Qty	X	Unit Price \$

### Notes:

### Section Total \$

Check here if additional information is attached.

wireless project 2019

ROUND MOUNTAIN JR./SR. HIGH SCHOOL

Rooms # 16 & 17

PE ★

Mr. Mestas

Gym

★

Room # 1 Middle School Ms. Berg ①	Room # 3 PD Room Dr. Miller ③	Room # 5 Computer Lab (Middle School) ⑤	Bathrooms	Room # 7 Math Mr. Exum ⑦	Athletic Office Mr. Topholm	Room # 9 Computer Lab (High School) ⑨	Exit to Gym	Room # 10 Science Mr. McKenzie ⑪	Room # 12 Teacher Lounge	Room # 15 English Mr. Roberts ⑫	★
Room # 2 Middle School Ms. Merritt ②	Room # 4 Special Education Ms. Schwarz Ms. Long ④	Room # 6 Honor Society Ms. Macure ⑥	Custodian/ Storage Mr. Miller Ms. Harwood	Room # 8 Social Studies Mr. Duffy ⑧	Main Office – Ms. Millard Health office Principal's Office – Mrs. Miller	Room # 10 Counselor Ms. Everitt	Main Entrance	Room # 11 Counselor Ms. Everitt	Room # 13 FFA Ms. Tran ⑬	Room # 14 FFA Ms. Tran	★
						Bathrooms					

ROUND MOUNTAIN ELEMENTARY SCHOOL

Music  
Storage

1<sup>st</sup> Grade  
Ms. Jones  
Mod 5

Storage  
Mod 4

1<sup>st</sup> Grade  
Ms. Gotto  
Mod 3

Elementary  
Art  
Ms. Lage  
Mod 2-2

MS Social  
Studies  
Ms. Lage  
Mod 2-1

4<sup>th</sup> Grade  
Ms. Brown  
Mod 11

Storage  
Mod 10

3<sup>rd</sup> Grade  
Ms. Lancaster  
Mod 9

2<sup>nd</sup> Grade  
Ms. Thayer  
Mod 8

Kindergarten  
Ms. Davis  
Mod 7

Office  
Ms. Dutton  
Mod 6

Teacher  
Work Room

Custodian  
Ms. Lacey  
Ms.  
Hogwood  
Mod 17

Custodial  
storage  
Spec. Ed.  
Ms. Porter  
Mod 16

Speech  
Psychologist  
Mod 15

5<sup>th</sup> Grade  
Ms. Dodge  
Mod 13

Computer  
Lab  
Mod 12

Bathrooms

14