E-Rate Cat-2 2019 Equipment Requirements

Site: Floyd Elementary

6181 S. Jane Avenue. Pahrump, NV 89061

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 6
2. Rm 2
3. Rm 11
4. Rm 14
5. Staff Area
6. Rm 66
7. Rm 63
8. Rm 67
9. Rm 62
10. Rm 68
11. Rm 54
12. Rm 52
13. Rm 56
14. Rm 51

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.

ROUTING

Project Description: Deliver a single unit of the compatible equipment and modules with all product documentation, rack mounting hardware, and all appropriate licensing. The router will require 6 Ethernet 1G SFP modules or ports, and 14 1G Fiber modules or ports as described.

Bid to have on-site tech, unbox the unit, mount the rack hardware, update the firmware to the latest long-term-release, load configuration provided by in-house IT staff, and deliver to site MDF. In house IT staff will rack new equipment and decommission old equipment.

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 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.

Qty Requested = 1

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 $
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, and deliver to main MDF of school site so In-house 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-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)

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.

Floyd Wireless Project 2019

SOUTH

FLOYD ELEMENTARY SCHOOL
6181 S JANE AV; PAHRUMP, NV 89061
775-751-4889   FAX: 775-751-5094

Room 53 Rakestraw Resource ⑫
Room 52 Floyd 5
Room 51 Christenson 4 ⑭
Room 50 Jacobson 4
Exit
Restroom
Restroom
Computer Lab

Room 54 Harris 5 ⑪
Room 55 Bailey 5
Room 56 Storage ⑬
Room 57 EH

Library Room 40

Exit

Room 64 Mr McDaniel
Room 63 Smith 3 ⑦
Room 62 Physical Therapy ①
Room 61 Nygaard 2
Room 60 Metscher Resource ?

Health Aide
Tchr Work rm
Tchr Lounge ⑤

Room 65 Storage
Room 66 Benizio 3 ⑥
Room 67 Art Room ⑧
Room 68 Mattson 2 ⑩
Room 69 Eisner 2

OFFICE

EAST
To playground

Exit

Entrance

Restroom
Restroom

Rm 15A Rm 15
Room 14 Hampton 14 ④
Room 13 Resource

Rest rm   Rest rm

Music
Custod
Psych

Room 10 Odegard 1
Room 11 Mrs McDaniel ③
Room 12 Storage

WEST

MULTI-PURPOSE ROOM

ESL
Speech
Speech

R/R
Room 6 Dale Aut ①
Room 5 Niles Aut
Room 4 empty

R/R

Exit

Kitchen
Hallway

Room 1 Englund K ②
Room 2 Moore K ②
Room 3 Kent K

NORTH

① Rm 6
② Rm 2
③ Rm 11
④ Rm 14

⑤ Staff area
⑥ Rm 66
⑦ Rm 63
⑧ Rm 67

⑨ Rm 62
⑩ Rm 68
⑪ Rm 54

⑫ Rm 52
⑬ Rm 56
⑭ Rm 51