<u>**Invitation to Bid – WIFI upgrade Proposal**</u>
South Routt School District
305 S Grant St., Oak Creek, CO 80486

The South Routt School District, Routt County, Oak Creek, Colorado is requesting bid proposals for upgrade and/or replacement of its current WIFI solution throughout the SOROCO campus. In addition to WIFI we are seeking bids for upgrading switch infrastructure as well.

Our purpose for the WIFI upgrade is to replace EOS (End of Sale and soon to be Support) of existing WIFI which is primarily Aruba IAP 305 Access Points.

Our purpose for the Switch upgrade is to replace EOS (End of Sale and Support) of existing Switch Infrastructure which is primarily AVAYA/Nortel 56xx series switching.

Bids must be received within the Portal of our E-RATE process which will be communicated with the posting of the 470.

Please direct any questions regarding the intent or the specification directly to the directions associated with the posting of the 470.

The South Routt School District reserves the right to accept or reject any or all bids, in part or in whole, to waive minor irregularities, technicalities, and/or informalities in bidding, and to award a contract deemed to be in the best interest of the school district. If no acceptable bid is received, the SOROCO reserves the right to re-solicit bids for any portion of this project, at its sole discretion.

Bids will be evaluated based on quality, price, service, experience, history and vendor location. Determinations on quality shall be the sole responsibility of the Director of Technology and the technology team for South Routt and Steamboat Springs School District.   It is understood that the vendor/contractor will perform other similar duties not specifically listed in the schedule that may be required to ensure that the service is adequately provided to the desired level of the district and meets professional standards. If the level of service at any time is considered to be unacceptable to SOROCO, the vendor will be required to take whatever measures are required to maintain optimum conditions of service.

The successful bidder agrees to provide the following to the district:
1. Configuration and assistance on install to match existing configs of equipment.

Bids:
- Please propose your bids itemized equipment separate from labor and per building subtotaled and then totaled.
    - We would expect a per item and total item cost for each thing that is different.
    - We would be looking at July 2023 install timeframe but understand equipment procurement will play into this.
    - We would want training on system and manuals upon completion of the project.
- You will need to be insured and provide proof of insurance.
- Support and Maintenance costs need to be identified for this product for the near future and years after for a reasonable amount of time.
- Please plan on assisting us with install. We can be expected to hang Access Points.

We want you to be successful in bidding this so …..

Successful winner
We will need to review all things with us before placing an order to be sure we have correct switch count and uplinks and Access Points. Counts are not expected to change but if they do pricing will need to be honored for changed or additional items.

*** We are looking for enterprise grade WIFI and management of it and also integration with existing infrastructure, all of this managed the simplest way possible.

Current Environment
WIFI -
- We have Aruba instant in SOROCO but our network is supported by Steamboat Springs School District, which is Extreme.
- Steamboat's WIFI is Extreme WIFI6
- We may consider looking outside of these two vendors of Aruba and Extreme but we would encourage you to bid these two vendors.
- Should you bid Extreme we would need licenses to extend Steamboats WIFI for South Routt. We would use Steamboat's management of XMC and or IQ Cloud to manage.
    - The Access Points must be able to talk to onsite Extreme XMC or iQ Cloud hosted.

- We are wanting the latest WIFI 6E and capable of 802.1x and ACL configurations regardless of vendor.
- See maps provided but we are looking for qty 38 of indoor rated access points.
  - The map totals 34 but we need to fill in a known hole at our High School.
  - We are wanting a qty of 1 rated outdoor access point.
    - We may consider an indoor in an outdoor rated box, once we see proposals.

SWITCH Upgrade
- We are an Extreme switch network environment. Models of switches we will need are below. We will need to meet these criteria or better. We also configure using Fabric so if you choose to bid other manufacturer it must do Fabric and work with Extreme XMC or Cloud iQ
- 5520 Model (Core Switch)
  - <u>5520-12MW-36W</u>
  - Modular P/S's 1100 Watts or higher
  - SFP+ uplinks minimum of 4
  - Minimum 1GB port speed on all ports
  - Must integrate and be XMC or Cloud IQ manageable.
  - 48 Port count minimum
- 5420 Model (Edge Switch)
  - <u>5420M-48W-4YE</u>
  - Modular P/S's 1200 Watts or higher
  - Minimum 1GB port speed on all ports
  - Must integrate and be XMC or Cloud IQ manageable.
- V300 Model (Environment Rated Switch)
  - V300HT-8P-2X
  - Power Supply IS AC-DC Power Supply 240W Output DIN Rail -25 - 70C

VOAG Needs:
<u>Switch</u>
- 24 Port 5420 model
<u>WAP</u>
- 2 WAP

Oak Creek Campus Needs:
Switch MDF
- 5520 Core
  - 48 ports
    - Equates to (1) 48 port switch
- 5420 Edge
  - 150 ports
    - Equates to (3) 48 port switch

Gym IDF
- 5420 model
  - 24 Port
    - Equates to (1) 24 port switch

Middle School
- 5420 model
  - 48 port
    - Equates to (1) 48 port switch
- 5420 Edge
  - 48 port
    - Equates to (1) 48 port switch

WAP (HS & MS)
- 23 WAP
  - One being outdoor rated
  - One to fill needed WIFI hole

YAMPA CAMPUS Needs:
Switch MDF
- 5520 Core
  - 48 Port
    - Equates to (1) 48 port switch
- 5420 Edge
  - 100 ports
    - Equates to (2) 48 port switch

PreK IDF
- 5420 model
  - 24 port
    - Equates to (1) 48 port switch

WAP
- 13 WAP

Transportation IDF
Switch
- Model V300 POE+