

NEW ALBANY SCHOOL DISTRICT

E-Rate Network Switches

RFP #2021B

The New Albany School District (NASD) plans to purchase equipment to include network switches, fiber runs, and access points. NASD wishes to collect bids on this project. It is the vendor's responsibility to ensure that the services proposed meets the specifications stated within this document.

All questions regarding this project should be emailed to Robert Garrett - rgarrett@nasd.ms

The New Albany School District has a budget in mind for this project. As a result, if the project exceeds the districts budget, we reserve the right to reduce any line item's quantity to remain within our budget.

All vendor questions and customer answers will be added to the bottom of a Google Document for all vendors to see. You can access the google doc at this web URL - [Click Here](#)

2 Ways to submit a bid

1) Mail in a bid

Directions for Bidding via mail:

Envelopes containing bids must be sealed, marked "ERATE 2021B % Robert Garrett" and addressed to: Robert Garrett.

Mailing Address:

Robert Garrett, Director of Technology - New Albany School District 301
Highway 15 N New Albany, MS 38652

Physical Address:

Robert Garrett, Director of Technology - New Albany School District 301
Highway 15 N New Albany, MS 38652

Do Not Fax Proposals. Proposals will be received by The District at the address shown above until **2:00 PM CST, February 8th, 2021**. If the vendor chooses the mail-in option, proposals must be mailed to the address above in time for delivery before the closing date or hand delivered. Bids will be opened on **February 9th at 9AM** prior to the reverse auction and the amounts from the bids will be placed on the reverse auction website.

DO NOT EMAIL BIDS AHEAD OF TIME! If you want to email a bid, please do so during the reverse auction window. (See more details in the reverse auction section)

- No bids may be withdrawn after the scheduled closing time for the receipt of bids for a period of 90 days. The owner reserves the right to reject any or all bids and to waive informalities.

2) **Reverse Auction Information**

The reverse auction for this RFP will be conducted on **February 9th, 2021 at 10AM and will conclude at 10:45AM**. Bidders can call in their bids during this time. They can call 662-316-7895 to place a bid. Additionally, bidders can attend the reverse auction in-person at 301 Hwy 15 N. New Albany, MS 38652. All bidders can view the live bidding on our reverse auction [website linked here](#).

Also, if vendors would like to email their bid during the reverse auction timeframe they can do so by emailing their bid to rgarrett@nasd.ms. VENDORS CAN ONLY EMAIL THEIR BID IN DURING THE REVERSE AUCTION WINDOW.. EMAILED BIDS RECEIVED BEFORE OR AFTER THE REVERSE AUCTION WILL NOT BE ACCEPTED.

If a vendor has emailed a bid in, and they do not see it appear within 5 minutes of bidding, they should call 662-316-7895 to inquire. The email may have been routed to SPAM. It is the vendors responsibility to follow-up if they are not seeing their bid.

If a vendor attempts to call in a bid, and there is no answer, they can call our alternate number 662-534-1800 and ask for Robert Garrett.

All mailed-in bids will be placed on the reverse auction website at 10AM on the day of the reverse auction. All subsequent bids will be added to the website as soon as they are received. All vendors will have access to the reverse auction website and can bid against their own mailed in bid if they choose to use the bidding methods in the paragraph above.

Vendors who show up in person can submit their bid in person and their in-person bid will immediately show on the reverse auction website.

All bidders who participate in the reverse auction, can make multiple bids.

Reverse Auction Website - [website linked here](#).

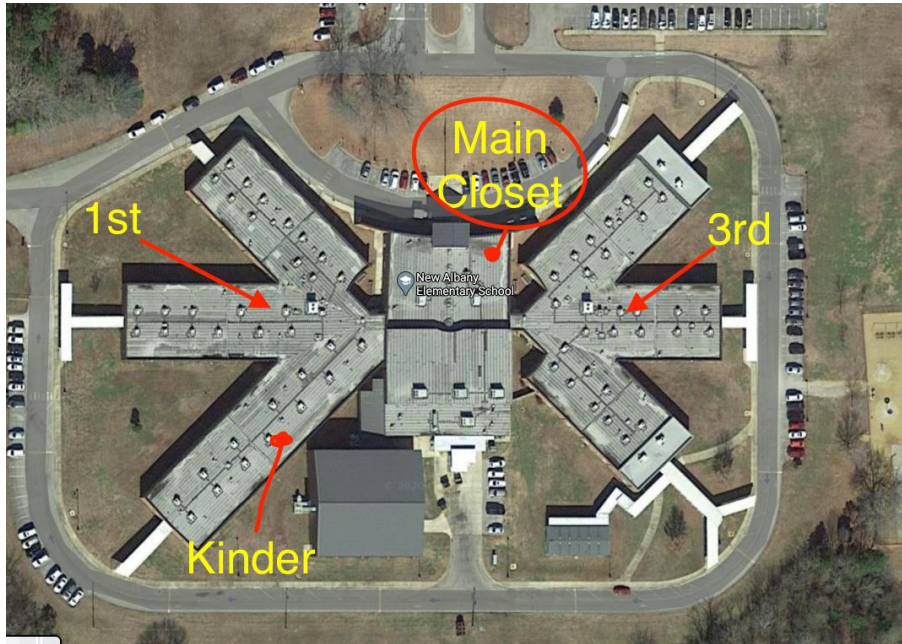
Bid Requirements:

1. Bids for the following equipment required.
2. Bidders must bid on either all of this RFP or nothing. They cannot bid on pieces.

New Albany Elementary School:

- 3 single mode fiber runs from the main closet to
 - 3rd grade closet
 - 1st grade closet
 - kindergarten closet
 - All runs should be terminated and prepared for us to plug an LC Duplex patch cable to our switches.
- 20 Indoor Wireless Access Points - 9 (R750 | RUCKUS R750 Indoor Access Point or equivalent) with all necessary licenses to be managed via the cloud for 5 years and also to include 5 years of machine learning and analytics for troubleshooting.
- 1 - 24 port Switches with specs exactly the same as the Ruckus 7450.
 - 3 years of support for each switch similar to Ruckus watchdog remote support.
 - 2 Exhaust airflow fans ICX-FAN10-E
 - 2 - 100 watt AC PSU RPS16-E
 - 1 - 4port module with exact specs of the ruckus ICX7400-4X10GF

874 Sam T. Barkley 38652



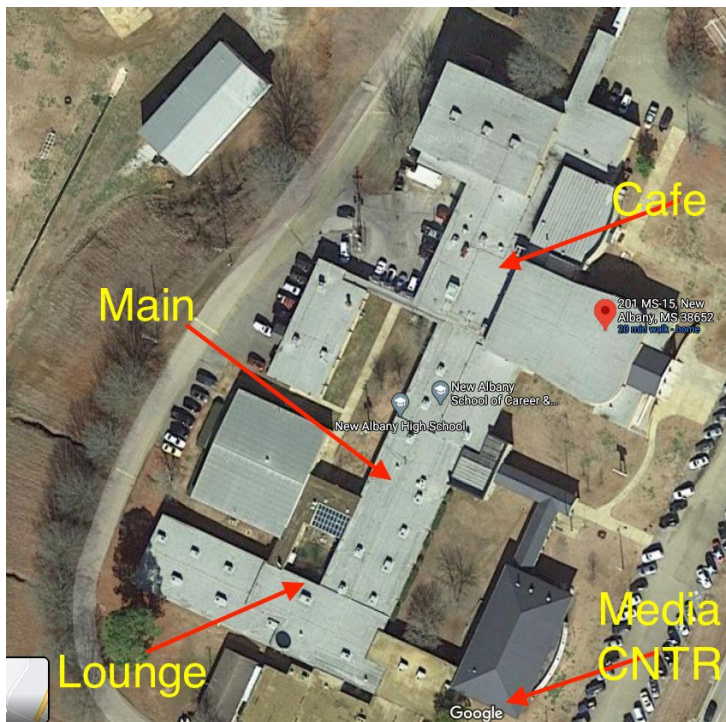
New Albany Middle School:

- 25 Indoor Wireless Access Points - 9 (R750 | RUCKUS R750 Indoor Access Point or equivalent) with all necessary licenses to be managed via the cloud for 5 years and also to include 5 years of machine learning and analytics for troubleshooting.
- 1 - 24 port Switches with specs exactly the same as the Ruckus 7450.
 - 3 years of support similar to Ruckus watchdog remote support.
 - 2 Exhaust airflow fans ICX-FAN10-E
 - 2 - 100 watt AC PSU RPS16-E
 - 1 - 4port module with exact specs of the ruckus ICX7400-4X10GF
- 1 (Ruckus ICX7150-48P-4X10G or equivalent)
 - 3 years of support similar to Ruckus watchdog remote support.

New Albany High School:

- 3 single mode fiber runs from the main closet to
 - Teachers Lounge
 - Media Center

- o Cafe Closet
- o All runs should be terminated and prepared for us to plug an LC Duplex patch cable to our switches.
- 3 - 24 port Switches with specs exactly the same as the Ruckus 7450.
 - o 3 years of support for each switch similar to Ruckus watchdog remote support.
 - o 2 Exhaust airflow fans ICX-FAN10-E
 - o 2 - 100 watt AC PSU RPS16-E
 - o 1 - 4port module with exact specs of the ruckus ICX7400-4X10GF
- 30 Indoor Wireless Access Points - 9 (R750 | RUCKUS R750 Indoor Access Point or equivalent) with all necessary licenses to be managed via the cloud for 5 years and also to include 5 years of machine learning and analytics for troubleshooting.



201 Hwy 15 N. 38652

New Albany Vocational School:

- 4 single mode fiber runs from the main closet to
 - o Auto Lab
 - o MacLab
 - o Engineering Lab
 - o Stem Lab
 - o All runs should be terminated and prepared for us to plug an LC Duplex patch cable to our switches.
- 5 Indoor Wireless Access Points - 9 (R750 | RUCKUS R750 Indoor Access Point or equivalent) with all necessary licenses to be managed via the cloud for 5 years and also to include 5 years of machine learning and analytics for troubleshooting.

203 Hwy 15 N. 38652



1. Switch Technical Requirements

- 1 The switches must include stacking capabilities that include:
 1. Stacking up to 12 switches per stack
 2. Stacking via standard Ethernet ports using standard Ethernet cables and optics
 3. Stacking at distances up to 10km
 4. Stack In-service software upgrade (ISSU) – ability to upgrade switches in a stack one at a time without taking the entire stack down
- 2 Switches must support the capability to manage up to 36 switches as a single IP address (one management touch point).
 - a. Switches do not need to be part of the same switch family
 - b. Do not require Spanning Tree Protocol (STP)
 - c. Entry-level switches to inherit advanced L3 features from aggregation/core switch
- 3 Switches must support OpenFlow 1.3
 - a. Including Hybrid Port Mode which supports SDN flows as well as traditional network flows over the same port.
- 4 Switch must be able to upgrade uplink speeds without needing to purchase additional hardware (new switches or new modules)
- 5 Switches support support PoE power up to 90 watts per port – compatible with IEEE 802.3bt (pending ratification).
- 6 Switches must be able to, or upgradable to, support PoE+ (30 watts) on all ports. (i.e. up to 720 Watts on 24-port switches or up to 1440 Watts on 48-port switches)
- 7 Switch must be able to support multi-gigabit 2.5GbE (802.3bz) on at least 16 ports.
- 8 Switch must be able to support PoE and silent operation (no fan operation) in:
 - a. 12-port (compact) switch
 - b. 24-port switch
 - c. 48-port switch
- 9 Must provide a 12-port switch with:
 - a. PoE power on all ports
 - b. L3 services
- 10 All switches must support the same operating system software
- 11 Switches must support sFlow
- 12 Switches must provide lifetime warranty with next business day replacement and lifetime software upgrades.

Newspaper advertisement

The New Albany School District (NASD) plans to purchase equipment to include network switches, fiber runs, and access points. NASD wishes to collect bids on this project. Please visit the link below for information.

URL - <https://rb.gy/ihuwab>