

**Bid Specifications
For Purchase of
LAN Hardware and
Network Management Software/Hardware**

To Provide LAN Hardware and Network Management Software/Hardware
For
CLAY COMMUNITY SCHOOLS

Prepared by:

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Clay Community Schools
1013 South Forest Avenue
Brazil, IN 47834
(812)443-4461 ext. 1101

CLAY COMMUNITY SCHOOLS
LAN Hardware and Management Software/Hardware
Instruction to Bidders

Notice is hereby given that the Board of School Trustees of Clay Community Schools, Clay and Parke Counties, Indiana will receive sealed bids for the Purchase of LAN Hardware for Clay Community Schools.

Sealed bids will be received by Clay Community Schools; Brazil, Indiana at the time and place mentioned in the published legal Notice to Bidders at which time and place all bids will be opened and publicly read aloud.

All bids must be submitted in a sealed envelope with a statement on the outside of the envelope reading “Sealed Bid: LAN Hardware for Clay Community Schools.” All bids received after the designated time will be returned unopened. The bids must be submitted on or before 4:00 p.m. on March 11, 2021 to Mark Shayotovich, Clay Community Schools, 1013 South Forest Avenue Brazil, Indiana 47834. Bids will be opened and publicly read on March 11, 2021 at 7:00 p.m. prior to the board meeting.

Each bidder shall furnish the following with his bid:

1. Non-Collusion affidavit must be executed.
2. Place bid prices on the appropriate specification forms.
3. A cover letter with a brief statement on the history of the firm
4. Reference of at least two (2) other school corporations in Indiana using equipment provided by the bidder.

Any bidder may withdraw his bid at any time prior to the scheduled time for receipt and opening of bids. No bids shall be withdrawn after the opening of bids without the consent of the owner.

Acceptance of any bid will be based on the assumption that the bidder fully understands the specifications and conditions, and accepts them without reservation.

Should any person submitting a bid have a question as to the true meaning of specifications; he may request interpretation from the owner before the question due date laid out in this RFP. Failure to request clarification before the question due date shall be the sole responsibility of the bidder.

The Board of School Trustees reserves the right to reject any and all bids and waive any informalities. Any such decision shall be considered final and not subject to further recourse.

DELIVERY:

All equipment shall be delivered in accordance with owner’s directions at the time the purchase order is issued. Payment will be made after successful delivery and testing of all equipment.

Successful bidder shall include as part of the bid the cost of freight and transportation of said items of equipment. Freight prices shall include all costs of unloading the trucks and the placement of all boxes, crates, packages and parcels within the building.

The seller shall assume all responsibility on all items damaged in shipment. The owner shall not assume any obligations concerning damaged equipment.

EQUIPMENT SAFETY STANDARDS:

All items bid, where applicable must meet Federal (IOSHA) and State safety standards and specifications.

WARRANTY/MAINTENANCE

Successful bidder shall provide a minimum warranty for all equipment as stated on the bid specifications form and shall be responsible to repair or replace all broken or unusable pieces of equipment.

MANUALS:

All equipment shall be furnished complete with parts and accessories, operating and maintenance manuals.

QUALITY:

All Equipment being bid shall be new.

Specifications have been organized in such a manner that bidders may be able to determine quality. A manufacturer's number and /or name may be used to indicate quality standard; this information is not an attempt to limit bidders in any way. Bidders may submit bids for items of proven superior quality or of equal quality specified, provided that the bid is clearly marked "alternate bid" and a full description of the item shall accompany the bid.

SUBMIT BIDS TO:

Mark Shayotovich
Clay Community Schools
1013 South Forest Avenue
Brazil, IN 47834

Questions regarding Hardware Specifications should be directed to:

Bill Milner
Clay Community Schools
1013 South Forest Avenue
Brazil, IN 47834
812-448-1530, ext. 1101
erate@clay.k12.in.us

All questions must be submitted by 2 p.m. EST February 5, 2021.

HARDWARE and SOFTWARE SPECIFICATIONS

Clay Community Schools shall receive bids in the following categories of LAN Hardware and management software:

- A. Purchase of LAN Hardware and management software.

The following document, in its entirety, has been developed as both a bid specification to outline the requirements for the works to be provided, and a basis for proposal submission by the bidder. This document is issued as a request for the supply of a LAN Hardware upgrades for Clay Community Schools. This document provides the specification for LAN Hardware and management software.

1. Scope of Work

Clay Community Schools intends to upgrade current LAN hardware and management software equal to or compatible with Cisco Prime Infrastructure / Cisco DNA Center. The system solution must be inclusive of all the hardware and software specified in this document. Clay Community Schools requests proposals for the supply of hardware and software described in the attached specifications. Clay Community Schools will provide all the necessary labor to install/configure hardware and management software.

2. PRICE QUOTATIONS

Price quotations are to include the furnishing of all materials, equipment, maintenance and training manuals, tools, and the provision of all labor and services necessary or proper for the completion of the work, except as may be otherwise expressly provided in the Contract Documents. Clay Community Schools will not be liable for any costs beyond those proposed herein and awarded. Time and materials quotes will be unacceptable.

3. Payment Conditions

Final Payment shall not be made until a successful acceptance test, in conjunction with the delivery and installation of all equipment is conducted.

4. TRAINING

The successful Bidder shall provide all reference manuals, booklets, and other materials required for training. User training shall be provided for staff that will operate and maintain the system. Technical training shall be provided for IT staff. Bidders are requested to indicate availability and approximate costs of suitable training programs.

TECHNICAL SPECIFICATIONS

1. SYSTEM MANAGEMENT.

- a. The installed system shall provide a management application that allows a single point of configuration for the entire solution. The system should be able to manage up to 1000 switches, and access points.
- b. Easy to use, network management software with integrated fault and performance monitoring capabilities.
- c. Monitor and provide real-time dashboards and notifications on outages.
- d. Provide instant drill down into device metrics and provide performance reports.
- e. Scalable able to monitor every port on every switch and wireless access point.

2. Network Hardware Specifications

Clay Community Schools intends to acquire switches, wireless LAN Controller, and access points as in the quantities listed below. Clay Community Schools seeks an agreement that allows it to work with the selected vendor to adjust quantities and/or scale back or cancel the project entirely as needed based upon the best interests of the District. Below is a reference of the type of equipment and capacities (or their equivalent) to be supplied.

IDF Switches		
Part #	Description	Quantity
C9300-48UN-EDU	Catalyst 9300 48-port of 5Gbps K12	62
PI-LFAS-AP-T-3Y	PI Dev Lic for Lifecycle & Assurance Term 3Y	62
C9300-NW-A-48	C9300 Network Essentials, 48-port license	62
SC9300UK9-173	Cisco IOS UNIVERSAL License	62
PWR-C1-1100WAC-P	1100W AC 80+ platinum Config 1 Power Supply	62
CAB-TA-NA	North America AC Type A Power Cable	124
PWR-C1-1100WAC-P/2	1100W AC 80+ platinum Config 1 Secondary Power Supply	62
STACK-T1-50CM	50CM Type 1 Stacking Cable	62
CAB-SPWR-30CM	Catalyst Stack Power Cable 30 CM	62
C9300-NM-2Q	Cisco Catalyst Network Module 40Gbps	62
C9300-DNA-E-48-3Y	C9300 DNA Essentials, 48-port - 3 Year Term License	62
NETWORK-PNP-LIC	Network Plug-n-Play License for zero-touch device deployment	62

Wireless Controller		
Part #	Description	Quantity
EDU-C9800-40-K9	EDU SKU - Cisco Catalyst 9800-40 Wireless Controller	1
SC980040K9-1612	UNIVERSAL	1
LIC-C9800-DTLS-K9	Cisco Catalyst 9800 Series Wireless Controller DTLS License	1
NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	1
C9800-AC-750W-R	Cisco Catalyst 9800-40 750W AC Power Supply, Reverse Air	2
CAB-AC	AC Power Cord (North America), C13, NEMA 5-15P, 2.1m	2

Access Points

Part #	Description	Quantity
C9130AXI-B-EDU	Cisco Catalyst 9130AX Series - EDU	547
NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	547
AIR-AP-T-RAIL-R	Ceiling Grid Clip for APs & Cellular Gateways-Recessed	547
SW9130AX-CAPWAP-K9	Capwap software for Catalyst 9130AX	547
AIR-AP-BRACKET-1	802.11 AP Low Profile Mounting Bracket (Default)	547
CDNA-E-C9130	Wireless Cisco DNA On-Prem Essentials, 9130 Tracking	547
DNA-E-3Y-C9130	C9130AX Cisco DNA On-Prem Essential,3Y Term,Trk Lic	547
AIR-DNA-EDU-E	Wireless Cisco DNA On-Prem Essential, Term, EDU Lic	547
EDU-DNA-E-3Y	Wireless Cisco DNA On-Prem Essential,3Y Term, EDU Lic	547
PI-LFAS-AP-T	Prime AP Term Licenses	547
PI-LFAS-AP-T-3Y	PI Dev Lic for Lifecycle & Assurance Term 3Y	547
AIR-DNA-E-T	Wireless Cisco DNA On-Prem Essential, Term, Tracker Lic	547
AIR-DNA-E-T-3Y	Wireless Cisco DNA On-Prem Essential, 3Y Term, Tracker Lic	547
AIR-DNA-NWSTACK-E	AIR CISCO DNA Perpetual Network Stack	547

Optical Transceivers

Part #	Description	Quantity
CFP-40G-LR4	Cisco multirate 40GBASE-LR4 and OTU3 C4S1-2D1 CFP Module for SMF	3
QSFP-40G-LR4	40GBASE-LR4, 1310 nm, SMF with OTU3 data-rate support	45
QSFP-40G-ER4	40GBASE-ER4, 1310 nm, SMF with OTU3 data-rate support	4

QSA Modules

Part #	Description	Quantity
CVR-QSFP-SFP10G	QSFP 40G to SFP+ 10G adapter	6

8 Port 40 GE Module

Part #	Description	Quantity
C6800-8P40G	Catalyst 6800 8 port 40GE with integrated DFC4	2

3. E-RATE

The bid is requesting Category 2 equipment and services to be subsidized under the Universal Services E-Rate Program for Schools and Libraries. No purchase order will be issued, no installation will occur and no services will be provided until approval of the Form 471 application that is issued as a result of the proposals being submitted in response to this request. No administrative charges related to the USAC method for invoicing (SPI or BEAR) will be accepted.

This project is subject to funding availability and may be contingent upon E-Rate funding commitment.

All Vendors must be eligible to participate in the E-Rate Program, have or apply for a service provider identification agree to obtain or have a current Service Provider Annual Certification Form (SPAC) on file with the SLD, and comply with all SLD service provider requirements.

Proposal MUST separate E-Rate eligible and E-Rate ineligible products/services by line item. The vendor is responsible to clearly indicate all ineligible costs by line item for all services and equipment associated with this RFP.

Network Management Software/Hardware Specifications		
FORM A		
Description	Vendor Response (Specify Price)	Annual Licensing Costs
Network Management Software	\$	\$
Wireless Controller	\$	\$
Access Points	\$	\$
Cost of IDF Switches	\$	\$
Optical Transceivers (CFP-40G-LR4)	\$	\$
Optical Transceivers (QSFP-40G-LR4)	\$	\$
Optical Transceivers (QSFP-40G-ER4)	\$	\$
QSA Modules (CVR-QSFP-SFP10G)	\$	\$
Catalyst 6800 8 port 40GE (C6800-8P40G)	\$	\$

NON-COLLUSION AFFIDAVIT

STATE OF INDIANA)
)
_____ COUNTY)

The undersigned offeror or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be offered by any person nor to prevent any person from making an offer nor to induce anyone to refrain from making an offer and that this offer is made without reference to any other offer.

Offeror (Firm)

Signature of Offeror or Agent

Subscribed and sworn to before me this _____ day of _____, 2021.

My Commission Expired: _____

Notary Public

County of Residence _____

LEGAL NOTICE

Notice is hereby given that the Board of School Trustees of Clay Community Schools, Clay and Parke Counties, Indiana will receive sealed bids at the Office of Superintendent of Schools, Administration Building, 1013 South Forest Ave, Brazil, IN 47834, not later than 4:00 p.m. prevailing local time, on March 11, 2021. Bids will be opened and publicly read on March 11, 2021 at 7:00 p.m. for the following items:

PURCHASE OF LAN HARDWARE AND NETWORK MANAGEMENT SOFTWARE/HARDWARE

Bids received after the designated time will be returned to the sender.

Bids shall be submitted in sealed envelopes bearing the title of the bid and shall clearly show the name of the bidder. Non-Collusion affidavit must be executed.

Detailed specifications may be obtained from the Office of Superintendent of Schools, Administration Building, 1013 South Forest Avenue, Brazil, IN 47834.

Mailing address for the bids is Mark Shayotovich, Clay Community Schools, 1013 South Forest Avenue, Brazil, IN 47834.

The Board of School Trustees of Clay Community Schools reserves the right to reject any, all, or part of any or all bids.