

Request for Proposals E-Rate Category 2 Project Meridian Public School District

Notice to Bidders

Notice is hereby given to interested bidders that the Meridian Public School District will receive written, sealed bids until the hour of **10:00 a.m., April 2, 2024**, at which time bids will be opened in the Board Room of the Meridian Public School District at 1019 25th Ave 39301.

Bid Timeline

Letter of Intent to Bid Due Date	March 8th, 2024 11:59 p.m.
Mandatory Vendor Meeting	March 18th, 2024 10:00 a.m.
Bid Due Date and Opening	April 2nd, 2024 10:00 a.m.

E-Rate Category 2 Project (Description)

The Meridian Public School District wishes to upgrade its E-Rate eligible category 2 Equipment and Basic Maintenance. The District is seeking a two-year contract to cover the 2024 funding year for all Internal Connections Equipment and Services requested in the proposed RFP. Pricing for Internal Connections Equipment and Services must remain in effect and must be honored until the service delivery deadline for the 2024 funding year which is normally September 30th, 2025. If the service delivery deadline is extended for any reason, prices must be honored until the final C2 service delivery deadline for Funding Year 2024.

In order to be eligible to bid, all prospective bidders must attend the mandatory vendor meeting. The vendor meeting will be held at the Meridian Public School District Technology Building located at 3951 12th St Meridian MS 30307 on March 18th, 2024 at 10:00 a.m. The purpose of this meeting is to allow potential bidders an opportunity to present questions and obtain clarification of the requirements of the bid documents. Because the Meridian Public School District considers the meeting to be critical to understanding the bid requirements, attendance is mandatory in order to qualify as a bidder.¹ No transcript or minutes from this meeting will be created or available. Proposals from vendors who do not attend the vendor meeting WILL BE DISQUALIFIED.

Nothing discussed or information provided during the mandatory vendor meeting shall be construed as changing the scope of this procurement as set forth in this RFP. Anything discussed or any information provided during the mandatory vendor meeting shall be interpreted in light of this RFP; if there is any conflict or perceived conflict between this RFP and information provided or statements made during the mandatory vendor meeting, this RFP shall govern.²

At the time of the vendor meeting, all bidders will be expected to complete and turn in the "Site Visit Information Form" furnished in this document.

The RFP will consist of Equipment and Installation. Vendors will be required to bid on all parts of the RFP. Vendors may also bid to serve some but not all of the sites. Any discounts for bundled pricing or winning more than one portion of the RFP will be considered and allowed.

Intent to Bid

Meridian Public School District requests that all vendors interested in submitting a proposal complete the Letter of Intent to Bid that is provided at the end of this document. The Letter of Intent to Bid should be emailed to Tim Boutwell at tboutwell@mpsdk12.net prior to March 19th, 2024 11:59 p.m. If an email reply is not received within 24 hours, it is the responsibility of the respondent to call Tim Boutwell at 601-484-4957 to confirm receipt of your Letter of Intent to Bid.

¹ See Mississippi Public Procurement Review Board, *Office of Personal Service Contract Review Rules and Regulations*, § 3-302.07 (addressing mandatory pre-bid conferences).

² *Id.* ("Nothing stated at the pre-bid conference shall change the Invitation for Bids unless a change is made by written amendment").

Submitting a Letter of Intent to Bid does not commit you to bidding. The Letter of Intent to Bid is not a requirement to submit a proposal, however the mandatory vendor meeting is a requirement to bid.

In the case of inclement weather or other unforeseen circumstances, all vendors who have submitted the Letter of Intent to Bid will be notified of a change to the mandatory vendor meeting date or time.

General

The specifications herein are provided to convey the intent of the District and do not indicate every cable or component necessary for the complete system that the proposing vendor shall provide. Technical specifications of all equipment and necessary components proposed should be provided with the bid. Proposals that deviate from these specifications will be considered, provided the vendor indicates why its proposed alternative specifications will meet the needs and intent of the District.

Prices quoted shall be an all-inclusive solution including all applicable taxes, shipping costs, delivery of network switches and installation of wireless and firewall equipment, configuration of equipment, training, technical support and trash removal, and represent complete installation and integration with the existing network where necessary. All equipment included in vendor's proposal must be new equipment purchased from an authorized reseller. No grey market, third party, or used equipment will be considered. Prices quoted in the vendor's response will remain in effect from the time of the contract signing until the final service delivery deadline for Funding Year 2024 C2 products and services.

Omissions in the proposal of any provision described herein shall not be construed as to relieve the vendor of any responsibility or obligation to the complete and satisfactory delivery, operation and support of any services.

Should the vendor have questions or find discrepancies in, or omissions from this RFP, or be in doubt to its meaning, the vendor shall at once notify Meridian Public School District. All questions should be addressed to Tim Boutwell and sent via email to **tboutwell@mpsdk12.net**.

If a response is not received within 24 hours, it is the responsibility of the respondent to call Tim Boutwell or Chris Ethridge at 601-484-4957 to confirm receipt of the questions. All questions and answers will be emailed to all vendors attending the mandatory vendor meeting.

Bid Submission Instructions

Bids may be hand delivered or mailed to the Meridian Public School District located at 1019 25th Ave 39301. Or electronically delivered at <https://www.mpsdk12.net/Page/131>

Bids must be submitted in a sealed envelope clearly marked as follows:

ATTN: SEALED BID - DO NOT OPEN

"2024-01 E-Rate Bid"

Bid Opening: April 2, 2024 10:00 a.m.

Envelopes not so marked will not be considered. The Meridian Public School District Board of Trustees reserves the right to reject any and/or all bids and waive any informality.

As an alternate submission mechanism for Category 2 products and services, bids may be submitted through secure electronic submission. Official Bid Documents are available at <https://www.mpsdk12.net/Page/131>. Electronic Bids may be submitted at <https://www.mpsdk12.net/Page/131> For questions related to the electronic bidding process, please call MPSD Technology at 601 4844957

Bidders must submit one (1) original and two (2) copies of their full response along with two (2) electronic copies.

DO NOT FAX OR EMAIL PROPOSALS. FAXED OR EMAILED PROPOSALS WILL BE DISQUALIFIED.

The first page in the bid submission packet must be the Bid Worksheet. The worksheet will show the vendor's total cost. In addition to the Bid Worksheet, Vendors MUST provide quotes submitted on the vendor's standard quote form showing line-item pricing. Failure to comply may result in bid disqualification.

Bids must include the following:

The "Bid Worksheet" completed and signed by the bidder. Note, the "Bid Worksheet" is a total for all E-Rate eligible products and services. In the occurrence of discrepancies between the total costs and line item costs, the line item cost will be deemed to be the correct cost.

(THE BID WORKSHEET MUST BE THE FIRST PAGE IN THE BID SUBMISSION DOCUMENTATION)

Required Documents as listed in this RFP.

It is the sole responsibility of the respondents to ensure their responses arrive in a timely manner. Late arrivals will be rejected. The Meridian Public School District is not responsible for delays of any commercial carrier or delays incurred by the respondents. Oral, telephone, or emailed bids will not be considered. Signatures on the proposals must be in longhand and executed by a principal duly authorized by the vendor to make a contract.

PLEASE NOTE: Common Carriers, UPS and FedEx, in the Meridian Mississippi area generally do not deliver overnight packages on time. The Meridian Public School District will not be responsible for nor will it accept bid responses delivered after the deadline.

Evaluation Methodology

The Meridian Public School District Board of Trustees will award a contract based on the vendor submission that best meets the needs of the Meridian Public School District with regard to the current Technology Plan, future growth, RFP specifications, and not necessarily the lowest price even though price will be the primary factor. The following factors may be considered when evaluating responses:

- Price of Eligible Equipment, Services and Warranties 30%
- Technical Certifications of Vendor Staff 15%
- Number of Service Staff within close proximity to Meridian, Mississippi 15%
- Preference to Mississippi Based Companies Local/In State 15%
- Management Integration with Current Network (The district requires a network that will continue to provide the district with a modern, efficient and reliable network to support the bandwidth and data and provide all needed capabilities within the district school buildings. Reliability and high performance are key requirements of this network plan. Vendors proposal includes interoperability with the current district environment. Seamless integration with the current network.) 15%
- Vendor References 10%

Vendor Qualifications

The Meridian Public School District may make such investigations as deemed necessary to determine the ability of the bidder or subcontractors or suppliers to perform the work, and the bidder shall furnish to the Meridian Public School District all such information and data for this purpose as the Meridian Public School District may request. The Meridian Public School District reserves the right to reject any bid if the evidence submitted by or investigation of such Bidder fails to satisfy the Meridian Public School District that such bidder is properly qualified to carry out the obligations of the contract and/or to complete the work contemplated therein within the time required.

The bidder is specifically advised that any person, firm or other party to whom it proposes to award a subcontract or purchase order under this contract must be acceptable to the Meridian Public School District.

The successful vendor (contractor) must have or be certified with the following:

- Be able to supply all products and services
- Be an authorized dealer in the State of Mississippi for all products
- Have current liability insurance and workers compensation insurance (certificates of insurance must be furnished by winning bidder within 10 days of award)
- Provide documentation of the vendor's employee certifications
- Participate in the mandatory vendor meeting. Any bid submitted by a vendor who does not attend the mandatory vendor meeting will not be considered. There will be no exceptions.
- Provide an E-Rate SPIN
- Provide at least 3 references for projects of the same scope and size

Financing

This project will be subsidized by the E-Rate program and is therefore subject to funding availability and contingent upon E-Rate funding. Due to the extended period of time it could take for the District to receive a funding commitment from USAC for this project and possible unforeseen financial circumstances, any contract arising from this RFP will also be contingent upon the District's availability of funds at the time of funding for the non-E-Rate portion of the project. The District also reserves the right to increase or decrease quantities requested in this RFP to adhere to the District's needs at the time of funding.

The District reserves the right to purchase products and services from the winning bid response during the term of the subsequent contract using alternate funding sources if alternative funding becomes available during the contract term.

The Meridian Public School District requires that the winning bidder provide the USAC Service Provider Invoice (SPI) method for invoicing.

Disqualification of Bidder

The Meridian Public School District reserves the right to award to other than the lowest bidder when, in the judgment of the District administration, it is in the best interest of the District to do so. A Bidder may be disqualified for any substantial non-compliance with the terms of this RFP, including:

1. Bidder's failure to sign Bidder's Proposal Form or to otherwise properly complete the Proposal Form
2. Bidder's failure to attend and complete the mandatory pre-bid conference
3. Bidder's failure to include documentation for required certifications and authorizations

A Bidder may also be disqualified for the following reasons:

1. Bidder being in litigation or dispute with the Meridian Public School District
2. Bidder having defaulted on a previous contract
3. Bidder having preformed unsatisfactorily on a previous contract, including but not limited to the Bidder's failure to fulfill the warranty obligations of a previous contract with the Meridian Public School District
4. The submission of emailed, automated or "robo" bids or proposals will be automatically disqualified
5. Any and all other disqualification factors as noted in this RFP

The Meridian Public School District will strictly adhere to the rules and regulations of the E-Rate program when evaluating bid responses.

Equipment Specifications

The Meridian Public School District is requesting an all-inclusive solution including all applicable taxes, shipping costs, equipment, configuration of equipment, training, technical support and trash removal, and represent complete installation and integration of Wireless and Firewall with the existing network where necessary. MPSD staff will install all new switches. All equipment included in vendor's proposal must be new equipment purchased from an authorized reseller. No grey market, third party, or used equipment will be considered. Prices quoted in the vendor's response will remain in effect from the time of the contract signing until the final service delivery deadline for Funding Year 2024 C2 products and services.

The vendor will be required to configure all Wireless equipment in this proposal. They will configure wireless access points and firewall to the specifications of the Meridian Public School District Information Technology Department as part of this proposal. Currently there are multiple VLANS operating on the District network. The Vendor will also be required to communicate and work with the WAN and Internet vendor at time of installation so that the WAN and Internet vendor at time of installation owned and controlled WAN switch works properly with the VLAN configurations on the proposed switches.

The below specified equipment does not include every part, piece, and accessory necessary for the system to be fully functional. Please ensure that all bids include all support, warranty, cables, power cords, etc. necessary for a total solution. Please ensure any ineligible items are clearly marked as ineligible on the bid. If any item quoted is partially eligible, please provide cost allocation showing the eligible amount and the ineligible amount with justification for the cost allocation method.

Bids for all Wireless equipment must include cost of configuration, installation and training on configuration and maintenance for the Meridian Public School District Information Technology Department. Bids for network switches will be delivery only without installation or configuration. Bids should also include any necessary accessories, parts or components required to make the system work, i.e., patch cables, SFPs, support, licenses, etc.

Please see attached "Exhibit A" for preferred equipment models or EQUIVALENT.

Proposals that deviate from these specifications will be considered provided the vendor indicates why its proposed alternative specifications meet the needs and intent of the District. Proposals from vendors that are capable of providing an all-inclusive solution for some but not all of the District locations will also be considered.

Switches

Proposed Switches must be Cisco or EQUIVALENT. Any alternative equipment quoted must be fully compatible with the District's existing network equipment. Proposal should include all switches, SFPs, licensing, cabling, support and startup service needed for the project upgrades. Please include a quote for 1 year, 3 year and 5 year license if applicable.

Access Points

Proposed Access Points must be Cisco Traditional or EQUIVALENT. Any alternative equipment quoted must be fully compatible with the District's existing network equipment. Proposal should include all access points, licensing, cabling, support and startup service needed for the project upgrades. Please include a quote for 1 year, 3 year and 5 year license if applicable.

Controller

Proposed Controller must be Cisco or EQUIVALENT. Any alternative equipment quoted must be fully compatible with the District's existing network equipment. Proposal should include all licensing, support and startup service needed for the project upgrades. All ineligible items and functions must be clearly noted on the vendor's quote. Please include a quote for 1 year, 3 year and 5 year license.

Firewall

Proposed Firewall must be Fortinet or EQUIVALENT. Any alternative equipment quoted must be fully compatible with the District's existing network equipment. Proposal should include all licensing, support and startup service needed for the project upgrades. All ineligible items and functions must be clearly noted on the vendor's quote. Please include a quote for 1 year, 3 year and 5 year license.

Renewal License

Renewal license should be quoted for existing equipment as detailed in the attached "Exhibit A" if applicable. Please include a quote for 1 year, 3 year and 5 year license.

Basic Maintenance of Internal Connections

Meridian Public School District is seeking proposals for Basic Maintenance as defined in the 2024 E-Rate Eligible Services List for the Wired and Wireless LAN infrastructure for the items noted as Basic Maintenance on the Form 470 and attached "Exhibit A". The Basic Maintenance will cover E-Rate eligible equipment and components ONLY and any Service or support provided for Ineligible equipment must be covered and invoiced under a separate contract.

Quotes are sought for E-Rate Eligible Basic Maintenance for Manufactures support for the hardware listed on the Form 470 and attached "Exhibit A". Quotes are NOT being sought for onsite engineering time or a block of hours for break fix incidents from the Service Provider.

Other Considerations

The Meridian Public School District welcomes proposals that may not meet these specifications exactly. However, such proposals must explain in detail how the alternative proposal will meet the general specifications of this RFP and why the District should consider such an alternative. If the explanation and reasoning satisfies both the District Administration and members of the IT department of the Meridian Public School District, then the proposal will be considered as if it meets specifications.

Due to the fast pace of technology, equipment and new technology is constantly emerging. Since the earliest the Meridian Public School District expects to receive funding for their Category 2 project is August 1, 2024, and because many things can change with technology and within the School District, the Meridian Public School District will require that the awarded vendor or vendors complete a new walkthrough of all facilities after funding notification to reassess the technologies quoted and the schools' needs. If technology and needs have changed from the time of acceptance of the winning proposal, Service Provider agrees to work with the School District to submit a service substitution to USAC for updated equipment and services.

Because items quoted may no longer be available at the time of funding due to supply chain issues or discontinuation or end of life of equipment quoted, the Meridian Public School District will require that the awarded vendor or vendors provide a comparable or equivalent replacement at the same margin/markup quoted in this response. For Example, if Switches are quoted at 10% over cost, then the replacement must also be quoted at 10% over cost. If equipment is unavailable or has changed from the time of acceptance of the winning proposal, Service Provider agrees to work with the School District to submit a service substitution to USAC for updated equipment and services.

Current Equipment

- All current equipment will remain the property of the Meridian Public School District regardless of its use or non-use in the successful proposal.
- The vendor will not be responsible for reconfiguration of the Meridian Public School District 's existing switches if any switch configuration is required to make the new wired or wireless system function properly or to integrate the LAN Switch upgrade with the existing equipment. A request to MPSD Technology Department to make the changes will be required.

Current Network Bandwidth and WAN Configuration

The Meridian Public School District is currently using Cspire WAN Circuits and Cspire Internet.

The winning vendor for the Category 2 project must be willing to work with the Category 1 providers to ensure that the Category 2 equipment will integrate and work seamlessly with the Category 1 services and demarcation equipment.

E-Rate

This proposal request is for 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 AND approval by Meridian Public School District for the District's non-E-Rate portion. If District funds are not available for the District portion, all contracts will become null and void and the project will not be implemented.

Service Delivery, Invoicing, and Service Substitution

The Service Provider is responsible for notifying the District Representative in writing if they are unable to meet the E-rate Service Delivery Deadline, thereby enabling the District Representative to file FCC Form 500 to seek a service delivery deadline extension.

The Service Provider is responsible for notifying the District Representative in writing if they need more time for invoicing so that the District Representative can seek any available invoice deadline extension.

If a service substitution is required, the Service Provider is responsible for notifying the District Representative in writing prior to invoicing USAC so that the District Representative may seek a service substitution.

If the Service Provider fails to timely provide any of the written notifications required above to the District Representative, the Service Provider will be solely and completely responsible for any lost or denied E-rate funding.

Right to Reject

The Meridian Public School District reserves the right to accept or reject all proposals or sections thereof when the rejection is in the best interest of the District. The Meridian Public School District reserves the right to award without further discussion. Therefore, responses should be submitted initially with the most favorable terms the vendor proposes. The Meridian Public School District reserves the right to reject the proposal of a vendor who has previously failed to perform properly or completed on time contracts and to reject the proposal of any vendor who in the opinion of the Meridian Public School District, is not in a position to adequately perform the contract. The Meridian Public School District reserves the right to reject any and all proposals, any part or parts of a proposal, waive any technicalities/informalities, increase or reduce quantities, make modifications or specifications, and award any or the entire contract in a manner that is in the best interest of the Meridian Public School District. Contracts will be awarded for each part of the RFP to the vendor or vendors submitting the proposal determined to be in the best interests of the Meridian Public School District.

Meridian Public School District

Site Visit Form

(Contact information for changes/updates/clarifications)

Date _____

Service Provider Name _____

Contact Name _____

Address _____

Phone Number _____

Email Address _____

Check preferred method of contact: Email ☐ Phone ☐

By signing below, the vendor acknowledges that the prices listed on this sheet are the prices being bid for this project and that the vendor understands that portions of this Project may be funded from E-Rate Funds. This project is subject to funding availability and contingent upon E-Rate funding. The District reserves the right to purchase products and services from the RFP response during the term of the contract using alternate funding sources if alternative funding becomes available.

COMPANY NAME: _____

REPRESENTATIVE NAME: _____ TITLE: _____

SIGNED: _____ Phone: _____ DATE: _____

BID WORKSHEET

PRICING INFORMATION (Total Cost for ALL E-Rate Eligible Locations)

(THIS DOCUMENT MUST BE THE TOP PAGE OF YOUR SUBMISSION)

You must submit a standard quotation showing line-item pricing total in addition to this worksheet.

MUST FILL IN THE TOTAL PRICE FOR THE ENTIRE E-RATE ELIGIBLE PORTION OF THE PROJECT BELOW.

Meridian Public School District 2024 E-Rate Bid Worksheet

E-Rate Eligible PROJECT TOTAL PRICE for Network Switches:

E-Rate Eligible PROJECT TOTAL PRICE for Wireless Access Points installation and

E-Rate Eligible PROJECT TOTAL PRICE for Fortinet Firewall and installation:

DO NOT INCLUDE INELIGIBLE COSTS IN THE ABOVE TOTALS. PRICING ON THIS PAGE IS FOR E-RATE ELIGIBLE PRODUCTS AND SERVICES ONLY. PLEASE PROVIDE A SEPARATE QUOTE FORM FOR ALL INELIGIBLE ITEMS/LOCATIONS.

In the occurrence of discrepancies between the total costs listed above and costs from the itemized quotes, the costs from the itemized quotes will be deemed to be the correct cost.

Please include a line item/catalog pricing schedule in your bid for all bid items including equipment, cabling, labor, travel, etc. and any proposed alternative equipment.

Required Documents

Bid Worksheet and Service Provider Quotes broken down by Year

Specifications for the proposed hardware and software

References

Documentation of the vendor's certifications

E-Rate SPIN number

Qualifications and training of vendor technical staff

Trouble Ticketing Procedures and Escalation Process

Any other documentation required previously in this document

If the proposal does not meet the stated specifications, the vendor must include a detailed proposal along with a detailed explanation as to why the vendor believes the proposal will meet the stated needs of the Meridian Public School District and why the District should consider their proposal.

DISTRICT BUILDING INFORMATION

Name	Address	City/State/Zip
Crestwood Elementary School	730 Crestwood Dr	Meridian, MS 39301
Harris Elementary School	3930 14 th St	Meridian, MS 39307
Carver Elementary School	900 44 th Ave	Meridian MS 39307
Parkview	1225 26 th St	Meridian MS 39305
Poplar Springs	4101 27 th Ave	Meridian MS 39305
West Hills	4100 32 nd St	Meridian MS 39307
Magnolia Middle School	1350 24 th St	Meridian MS 39305
Northwest Middle School	4400 32 nd St	Meridian MS 39307
Ross Collins Career and Technical Education	40 Hillcrest Loop	Meridian MS 39301
Marion Park	2815 25 th St	Meridian MS 39301
Meridian Public Schools Food Service	2401 B St	Meridian MS 39301
Meridian Public School District Central Office	1019 25 th Ave	Meridian MS 39301

LETTER OF INTENT TO BID

Tim Boutwell
Meridian Public Schools
tboutwell@mpsdk12.net
601-484-4957

Reference: Meridian Public School District 2024 E-Rate C2 Bid

This letter is to notify you that it is our present intent to submit a proposal in response to the above referenced RFP. The individual to whom information regarding this RFP should be transmitted is:

Name: _____
Company: _____
Address: _____
City, State & Zip: _____
Phone Number: _____
E-mail Address: _____

Sincerely,

Signature

Title

"Exhibit A"
C2 E-Rate Needs
Meridian Public School District

Network Switches		
Qty	Part Number	Description
8	C9300-48U-EDU	Catalyst 9300 48-port UPOE, K12
	CON-L1NCD-C9300ED4	CX LEVEL 1 8X7NCD Catalyst 9300 48port UPOE K12
	C9300-NW-A-48	C9300 Network Advantage, 48-port license
	SC9300UK9-176	Cisco Catalyst 9300 XE 17.6 UNIVERSAL UNIVERSAL
	PWR-C1-1100WAC-P	1100W AC 80+ platinum Config 1 Power Supply
	PWR-C1-1100WAC-P/2	1100W AC 80+ platinum Config 1 Secondary Power Supply
	CAB-TA-NA	North America AC Type A Power Cable
	C9300-SSD-NONE	No SSD Card Selected
	STACK-T1-50CM	50CM Type 1 Stacking Cable
	CAB-SPWR-30CM	Catalyst Stack Power Cable 30 CM
	NM-BLANK-T1	Cisco Catalyst Type 1 Network Module Blank
	TE-C9K-SW	TE agent for IOSXE on C9K
	C9K-ACC-RBFT	RUBBER FEET FOR TABLE TOP SETUP 9200 and 9300
	C9K-ACC-SCR-4	12-24 and 10-32 SCREWS FOR RACK INSTALLATION, QTY 4
	CAB-GUIDE-1RU	1RU CABLE MANAGEMENT GUIDES 9200 and 9300
	C9300-DNA-A-48	C9300 DNA Advantage, 48-Port Term Licenses
	C9300-DNA-A-48-3Y	C9300 DNA Advantage, 48-Port, 3 Year Term License
	CON-L1SWT-C93A48	CX LEVEL 1 SW SUB C9300 DNA Advantage
	D-DNAS-EXT-S-T	Cisco DNA Spaces Extend Term License for Catalyst Switches
	D-DNAS-EXT-S-3Y	Cisco DNA Spaces Extend for Catalyst Switching - 3Year
	TE-EMBEDDED-T	Cisco ThousandEyes Enterprise Agent IBN Embedded
	TE-EMBEDDED-T-3Y	ThousandEyes - Enterprise Agents
	C9300-NM-NONE	No Network Module Selected
	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment

18	C9300-24U-EDU	Catalyst 9300 24-port UPOE, K12
	CON-L1NCD-C93004D2	CX LEVEL 1 8X7NCD Catalyst 9300 24port UPOE K12
	C9300-NW-E-24	C9300 Network Essentials, 24-port license
	SC9300UK9-176	Cisco Catalyst 9300 XE 17.6 UNIVERSAL UNIVERSAL
	PWR-C1-1100WAC-P	1100W AC 80+ platinum Config 1 Power Supply
	PWR-C1-1100WAC-P/2	1100W AC 80+ platinum Config 1 Secondary Power Supply
	CAB-TA-NA	North America AC Type A Power Cable
	C9300-SSD-NONE	No SSD Card Selected
	STACK-T1-50CM	50CM Type 1 Stacking Cable
	CAB-SPWR-30CM	Catalyst Stack Power Cable 30 CM
	NM-BLANK-T1	Cisco Catalyst Type 1 Network Module Blank
	C9K-ACC-RBFT	RUBBER FEET FOR TABLE TOP SETUP 9200 and 9300
	C9K-ACC-SCR-4	12-24 and 10-32 SCREWS FOR RACK INSTALLATION, QTY 4
	CAB-GUIDE-1RU	1RU CABLE MANAGEMENT GUIDES 9200 and 9300
	C9300-DNA-E-24	C9300 DNA Essentials, 24-Port Term Licenses
	C9300-DNA-E-24-3Y	C9300 DNA Essentials, 24-Port, 3 Year Term License
	CON-L1SWT-C93E24	CX LEVEL 1 SW SUB C9300 DNA Essentials
	C9300-NM-NONE	No Network Module Selected
	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment
1	C9300-NM-8X=	Catalyst 9300 8 x 10GE Network Module, spare
1	STACK-T1-1M=	1M Type 1 Stacking Cable
1	CAB-SPWR-150CM=	Catalyst Stack Power Cable 150 CM Spare

6	C9300X-12Y-EDU	Catalyst 9300X 12-port 25/10G SFP+, K12
	CON-L1NCD-C9300X-1	CX LEVEL 1 8X7NCD Catalyst 9300X 12po
	SC9300UK9-179	Cisco Catalyst 9300 XE 17.9 UNIVERSAL UNIVERSAL
	PWR-C1-715WAC-P	715W AC 80+ platinum Config 1 Power Supply
	PWR-C1-715WAC-P/2	715W AC 80+ platinum Config 1 SecondaryPower Supply
	CAB-TA-NA	North America AC Type A Power Cable
	C9300X-NW-A-12	C9300 Network Advantage, 12-port license
	STACK-T1-50CM	50CM Type 1 Stacking Cable
	CAB-SPWR-150CM	Catalyst Stack Power Cable 150 CM - Upgrade
	C9300-SSD-NONE	No SSD Card Selected
	TE-C9K-SW	TE agent for IOSXE on C9K
	C9K-ACC-RBFT	RUBBER FEET FOR TABLE TOP SETUP 9200 and 9300
	C9K-ACC-SCR-4	12-24 and 10-32 SCREWS FOR RACK INSTALLATION, QTY 4
	CAB-GUIDE-1RU	1RU CABLE MANAGEMENT GUIDES 9200 and 9300
	C9300X-DNA-12Y-A	C9300 DNA Advantage, Term License
	C9300-DNA-L-A-3Y	DNA Advantage 3 Year License
	CON-L1SWT-C9300XXD	CX LEVEL 1 SW SUB C9300 DNA Advantage,
	TE-EMBEDDED-T	Cisco ThousandEyes Enterprise Agent IBN Embedded
	TE-EMBEDDED-T-3Y	ThousandEyes - Enterprise Agents
	C9300X-NM-8Y	Catalyst 9300 8 x 10G/25G Network Module SFP+/SFP28
	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment

5	C9200L-48P-4X-EDU	Catalyst 9200L 48-port PoE+ only, 4x10G uplinks, K12
	CON-L1NCD-C92L48PX	CX LEVEL 1 8X7NCD Catalyst 9200L 48port PoE only 4x10G
	C9200L-NW-E-48	C9200L Network Essentials, 48-port license
	PWR-C5-1KWAC/2	1KW AC Config 5 Power Supply - Secondary Power Supply
	CAB-TA-NA	North America AC Type A Power Cable
	C9200-STACK-BLANK	Catalyst 9200 Blank Stack Module
	C9K-ACC-RBFT	RUBBER FEET FOR TABLE TOP SETUP 9200 and 9300
	C9K-ACC-SCR-4	12-24 and 10-32 SCREWS FOR RACK INSTALLATION, QTY 4
	CAB-GUIDE-1RU	1RU CABLE MANAGEMENT GUIDES 9200 and 9300
	C9200L-DNA-E-48	C9200L Cisco DNA Essentials, 48-port Term license
	C9200L-DNA-E-48-3Y	C9200L Cisco DNA Essentials, 48-port, 3 Year Term license
	CON-L1SWT-C92LE48	CX LEVEL 1 SW SUB C9200L Cisco DNA Ess
	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment

17	C9200L-24P-4X-EDU	Catalyst 9200L 24-port PoE+ only, 4x10G uplinks, K12
	CON-L1NCD-C92L24PX	CX LEVEL 1 8X7NCD Catalyst 9200L 24port PoE only 4x10G
	C9200L-NW-E-24	C9200L Network Essentials, 24-port license
	PWR-C5-600WAC/2	600W AC Config 5 Power Supply - Secondary Power Supply
	CAB-TA-NA	North America AC Type A Power Cable
	C9200-STACK-BLANK	Catalyst 9200 Blank Stack Module
	C9K-ACC-RBFT	RUBBER FEET FOR TABLE TOP SETUP 9200 and 9300
	C9K-ACC-SCR-4	12-24 and 10-32 SCREWS FOR RACK INSTALLATION, QTY 4
	CAB-GUIDE-1RU	1RU CABLE MANAGEMENT GUIDES 9200 and 9300
	C9200L-DNA-E-24	C9200L Cisco DNA Essentials, 24-port Term license
	C9200L-DNA-E-24-3Y	C9200L Cisco DNA Essentials, 24-port, 3 Year Term license
	CON-L1SWT-C92LE24	CX LEVEL 1 SW SUB C9200L Cisco DNA Ess
	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment

14	C9200L-STACK-KIT=	Cisco Catalyst 9200L Stack Module
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7	STACK-T4-1M=	1M Type 4 Stacking Cable
6	GLC-SX-MMD++=	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM
4	SFP-10G-SR=	10GBASE-SR SFP Module
4	SFP-10G-LR-S=	10GBASE-LR SFP Module, Enterprise-Class
6	SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter

28	C9200L-48T-4X-EDU	Catalyst 9200L 48-port data only, 4x10G uplinks, K12
	CON-L1NCD-C92L48TX	CX LEVEL 1 8X7NCD Catalyst 9200L 48port data only 4x10G
	C9200L-NW-E-48	C9200L Network Essentials, 48-port license
	CAB-TA-NA	North America AC Type A Power Cable
	PWR-C5-BLANK	Config 5 Power Supply Blank
	C9200-STACK-BLANK	Catalyst 9200 Blank Stack Module
	C9K-ACC-RBFT	RUBBER FEET FOR TABLE TOP SETUP 9200 and 9300
	C9K-ACC-SCR-4	12-24 and 10-32 SCREWS FOR RACK INSTALLATION, QTY 4
	CAB-GUIDE-1RU	1RU CABLE MANAGEMENT GUIDES 9200 and 9300
	C9200L-DNA-E-48	C9200L Cisco DNA Essentials, 48-port Term license
	C9200L-DNA-E-48-3Y	C9200L Cisco DNA Essentials, 48-port, 3 Year Term license
	CON-L1SWT-C92LE48	CX LEVEL 1 SW SUB C9200L Cisco DNA Ess
	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment

42	C9200L-24T-4X-EDU	Catalyst 9200L 24-port data only, 4x10G uplinks, K12
	CON-L1NCD-C92L24TX	CX LEVEL 1 8X7NCD Catalyst 9200L 24port data only 4x10G
	C9200L-NW-E-24	C9200L Network Essentials, 24-port license
	CAB-TA-NA	North America AC Type A Power Cable
	PWR-C5-BLANK	Config 5 Power Supply Blank
	C9200-STACK-BLANK	Catalyst 9200 Blank Stack Module
	C9K-ACC-RBFT	RUBBER FEET FOR TABLE TOP SETUP 9200 and 9300
	C9K-ACC-SCR-4	12-24 and 10-32 SCREWS FOR RACK INSTALLATION, QTY 4
	CAB-GUIDE-1RU	1RU CABLE MANAGEMENT GUIDES 9200 and 9300
	C9200L-DNA-E-24	C9200L Cisco DNA Essentials, 24-port Term license
	C9200L-DNA-E-24-3Y	C9200L Cisco DNA Essentials, 24-port, 3 Year Term license
	CON-L1SWT-C92LE24	CX LEVEL 1 SW SUB C9200L Cisco DNA Ess
	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment

Network Wireless

1	EDU-C9800-40-K9	EDU SKU - Cisco Catalyst 9800-40 Wireless Controller
	CON-L1NCD-EDUC9849	CX LEVEL 1 8X7NCD EDU SKU Cisco Catalyst 980040 Wireless
	LIC-C9800-DTLS-K9	Cisco Catalyst 9800 Series Wireless Controller DTLS License
	SC980040K9-173	^Cisco Catalyst 9800-40 Wireless Controller
	C9800-PWR-BLANK	Cisco 9800 Wireless Controller PS Blank
	C9800-AC-750W-R	Cisco Catalyst 9800-40 750W AC Power Supply
	CAB-AC	AC Power Cord (North America), C13, NEMA 5-15P, 2.1m
	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment
545	CW9164I-B	Catalyst 9164I AP (W6E, tri-band 4x4) w/Reg-B
	CON-L1NCD-CW9164IB	CX LEVEL 1 8X7NCD Catalyst 9164I AP (W6E, tri-band 4x4) w/
	SW9164-CAPWAP-K9	Capwap software for Catalyst 9164I
	AIR-AP-T-RAIL-R	Ceiling Grid Clip for APs & Cellular Gateways-Recessed
	AIR-AP-BRACKET-1	802.11 AP Low Profile Mounting Bracket (Default)
	CDNA-A-C9164	Wireless Cisco DNA On-Prem Advantage, 9164 Tracking
	DNA-A-5Y-C9164	C9164I Cisco DNA On-Prem Advantage, 5Y Term, Trk Lic
	AIR-DNA-A	Wireless Cisco DNA On-Prem Advantage, Term Lic
	AIR-DNA-A-5Y	Wireless Cisco DNA On-Prem Advantage, 5Y Term Lic
	CON-L1SWT-AIRDNA	CX LEVEL 1 SW SUB Aironet CISCO DNA Ad
	AIR-DNA-A-T	Wireless Cisco DNA On-Prem Advantage, Term, Tracker Lic
	AIR-DNA-A-T-5Y	Wireless Cisco DNA On-Prem Advantage, 5Y Term, Tracker Lic
	AIR-DNA-NWSTACK-A	Wireless DNA Perpetual Network Stack - Advantage
	SPACES-EXT-T	Cisco Spaces Extend Term License for Cisco DNA Advantage
	SPACES-EXT-5Y	Cisco Spaces Extend for Cisco DNA Advantage
	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment
	CW9164I-SINGLE	SINGLE PACK OPTION
	CW9164I-OVER	C9164I OVER OPTION

60	CW9166I-B	Catalyst 9166I AP (W6E, tri-band 4x4, XOR) w/Reg-B
	CON-L1NCD-CW911B66	CX LEVEL 1 8X7NCD Catalyst 9166I AP (W
	SW9166-CAPWAP-K9	Capwap software for Catalyst 9166I
	AIR-AP-T-RAIL-R	Ceiling Grid Clip for APs & Cellular Gateways-Recessed
	AIR-AP-BRACKET-1	802.11 AP Low Profile Mounting Bracket (Default)
	CDNA-E-C9166	Wireless Cisco DNA On-Prem Essential, 9166 Tracking
	DNA-E-3Y-C9166	C166I Cisco DNA On-Prem Essential,3Y Term,Trk Lic
	AIR-DNA-E	Wireless Cisco DNA On-Prem Essential, Term Lic
	AIR-DNA-E-3Y	Wireless Cisco DNA On-Prem Essential, 3Y Term Lic
	CON-L1SWT-AIRDNAE	CX LEVEL 1 SW SUB Aironet CISCO DNA Es
	AIR-DNA-E-T	Wireless Cisco DNA On-Prem Essential, Term, Tracker Lic
	AIR-DNA-E-T-3Y	Wireless Cisco DNA On-Prem Essential, 3Y Term, Tracker Lic
	AIR-DNA-NWSTACK-E	Wireless DNA Perpetual Network Stack - Essentials
	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment
	CW9166I-SINGLE	SINGLE PACK OPTION
	CW9166I-OVER	C9166I OVER OPTION

40	CW9163E-B	Catalyst 9163E AP(W6E, tri-band 2x2,Outdoor) w/Reg-B
	CON-SSSNC-CW9163EB	SOLN SUPP NCD Catalyst 9163E AP(W6E, tri-band 2x2,Outd
	SW9163E-CAPWAP-K9	Capwap software for Catalyst 9163E
	CDNA-E-C9163	Wireless Cisco DNA On-Prem Essential, 9163Tracking
	DNA-E-3Y-C9163	C9163 Cisco DNA On-Prem Essential,3Y Term,Trk Lic
	AIR-DNA-E	Wireless Cisco DNA On-Prem Essential, Term Lic
	AIR-DNA-E-3Y	Wireless Cisco DNA On-Prem Essential, 3Y Term Lic
	CON-SSTCM-AIRDNAE	SOLN SUPP SW SUBAironet CISCO DNA Es
	AIR-DNA-E-T	Wireless Cisco DNA On-Prem Essential, Term, Tracker Lic
	AIR-DNA-E-T-3Y	Wireless Cisco DNA On-Prem Essential, 3Y Term, Tracker Lic
	AIR-DNA-NWSTACK-E	Wireless DNA Perpetual Network Stack - Essentials
	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment

1 Installation of Wireless Access points and Controller

Basic Maintenance of Internal Connections should be quoted for all new equipment.

Network Firewall

	Product Description
FG-401F-BDL-809-12	Hardware plus FortiCare Premium and FortiGuard Enterprise Protection - 401F
FC-10-0401F-131-02-12	FortiGate Cloud Management, Analysis and 1 Year Log Retention
FN-TRAN-SFP+LR	10GE SFP+ transceiver module, 10km long range for systems with SFP+ and SFP/SFP+ slots
FN-TRAN-SFP+SR	10GE SFP+ transceiver module, short range for systems with SFP+ and SFP/SFP+ slots