REQUEST FOR QUOTE (RFQ)

Invitation to Submit Quote for Network, Phone, and UPS equipment Procurement, Installation and Configuration at North Middle School, 1235 NW Douglas Parkway, Waukee, IA 50263

Oct 7, 2024

Description: The RFQ is issued with the intent of submitting a Quote for goods/services with the Waukee Community School District. Waukee Community School District is accepting quotes for the goods/services listed below:

North Middle School is scheduled to open fall of 2025. North Middle School is approximately 160,000 square feet with six data closets - one MDF and five IDFs. The work of installing switches, phones, UPSs and wireless access points will need to be completed as the building project reaches completion in the early part of 2025. Please provide a proposed timeline of procurement, installation and configuration and a statement of work with quotes for all services and products.

Equipment procurement:

L2 Switches		
Quantity	**Model**	**Description**
19	**C9200-48P-EDU**	48 port PoE 9200 Switch - Network Advantage License
19	**CON-SNTC920048P**	Smartnet 8X5XNBD
19	**C9200-STACK-KIT**	StackWise®-160
10	**PWR-C6-1KWAC**	Power Supplies - spare
10	**C9200-NM-4X**	Fiber Module
32	**CAB-C15-CBN**	c15 to c14 power cord
L3 Switch		
Quantity	**Model**	**Description**
7	**C9300-48P-EDU**	48 Port 9300 PoE Switch - Network Advantage License

Quantity	Model	Description
2	**C9300-NM-8X**	C9300-NM-8X
7	**STACK-T1-1M**	9300 stack cable 1M
1	**STACK-T1-3M**	9300 stack cable 3M
5	**CAB-SPWR-150CM**	Stack power cable - 150CM
5	**715W AC**	9300 power supply - spare
30	**SFP-10G-LR-S=**	10G SM fiber SFP (or compatible)
10	**CAB-C15-CBN**	c15 to c14 power cord

Wireless

Quantity	Model	Description
160	**CW9166I-B**	9166 Access Point

Phones

Quantity	Model	Description
100	**CP-7841-K9=**	Classroom Phone
1	**DNA-P-T0-A-3Y**	Cisco DNA Advantage On-Prem Lic 3Y - up to 25M (Aggr, 50M)
1	**C8300-1N1S-6T-V**	Cisco Catalyst C8300-1N1S-6T Router Voice bundle, NIM-PVDM-3
1	**CON-SNT-C83001N1**	SNTC-8X5XNBD Cisco Catalyst C8300-1N1S-6T Router Voice (12 months)
1	**C-SM-NIM-ADPT**	Cisco single-wide service module for 2x NIMs
1	**NIM-2FXS/4FXOP**	2-Port FXS/FXS-E/DID and 4-Port FXO Network Interface Module
1	**CAB-C15-CBN**	c15 to c14 power cord
100	**SSF-3YR-EPATIER**	InformaCast Fusion IP Phone Endpoint Add-On

UPS

Quantity	Model	Description
6	**SRT5KRMXLT**	APC Smart-UPS On-Line
1	**SRT192RMBP**	APC Smart-UPS External Battery Pack
5	**AP7811B**	APC NetShelter Rack PDU
1	**AP8841**	APC NetShelter Rack PDU

Installation services:

Phone equipment:
- C8300
- (10) IP Phone 8861 (to be provided by district)
- (110) IP phone 7841
- Rack and configure C8300 with district standard for SNMP, user access (ISE) and device connectivity
- Configure & install phones - including unboxing and placing phones in classrooms and offices
- Configure voicemail for 10 users
- Configure incoming call routing - incoming call handlers, hunt groups, forwarding to voicemail
- Configure SRST
- Test all configuration
- Configure Informacast integration
- Incoming call routing
- Phone location

Switches:
- (5) Catalyst 9300 48-port PoE
- (19) Catalyst 9200 48-port PoE
- SFPs, Fiber Modules, power supplies, stack cables (some provided by district), patch cords
- Configure Layer 3 interfaces for WAN connectivity
- Configure VLANs
- Configure Layer 2 switches for connectivity
- Configure switches with district standard for SNMP, user access (ISE), DNAC and device connectivity
- Install switches in racks
- Install patch cords for all data drops, using correct color patch cords for drop type (green for cameras)
- Dress all cables with hook-loop tape

UPS/PDU:
- (6) SRT5KRMXLT - APC 5k UPS
- SRT192RMBP - APC external battery
- (5) AP7811B - APC PDU
- AP8841 - APC PDU
- Rack and install UPSs and PDUs including data cabling & included environmental sensors

Access Points:

o (160) Cisco Catalyst 9166 Access Points

o Configure appropriate VLAN for AP connectivity

o Configure Policy, Site and RF tags in 9800 WLC

o Configure APs with names, locations

o Set up maps in DNAC with AP placement

General:

o Label all switches with hostname and switch stack number labels

o Apply necessary updates/patches as necessary to ensure all switches, APs, routers, UPSs have latest stable/recommended software/firmware

o At the end of the project, provide the district with an electronic spreadsheet of locations of all phones, APs, switches and UPSs. Spreadsheet should at least include MAC addresses, model numbers and room numbers

o Install equipment using district standards and industry best practices

o Test equipment for proper functionality

o Troubleshoot connectivity of devices as necessary

o Adjust schedule to accommodate equipment arrival and site and services availability

Quote Due Date: Quotes must be received at the Waukee Community School District's District Office no later than 4:00 PM CST on Oct 25, 2024.

Questions to the District are due Oct 18, 2024 @ 1pm. Responses to questions will be emailed to vendors upon request. All questions should be directed to Brittany Smith via email only. bsmith@waukeeschools.org

Deliver Quotes by: Email – bsmith@waukeeschools.org

Or Mail

Brittany Smith

Waukee Community School District

560 SE University Ave

Waukee, IA 50263

Notice to Vendors: Subject to the conditions, provisions and the specifications associated with this RFQ, quotes will be received at the designated location until the stated date and time. Selection criteria will be based on many factors, including but not limited to price, inclusions/exclusions, contract terms, service levels, etc.

The District reserves the right to reject any or all bids or to seek clarification upon responses received.