



REQUEST FOR QUOTE (RFQ)

Invitation to Submit Quote for network infrastructure equipment and installation of that equipment for
Waterford Elementary School

Jul 17, 2023

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

Equipment:

Layer 2 Switches		
Quantity	Model	Description
10	C9200-48P-A	48 port PoE 9200 Switch
10	CON-SNTC920048P	Smartnet 8X5XNBD
10	C9200-STACK-KIT	Cisco Catalyst 9200 Stack Module
10	PWR-C6-1KWAC	Power Supply
4	C9200-NM-4X	Fiber Module
20	CAB-C15-CBN	c15 to c14 power cord
Layer 3 Switches		
Quantity	Model	Description
7	C9300-48P-EDU	48 Port 9300 PoE Switch
7	C9300-DNA-A-48-3Y	9300 Advantage License
2	C9300-NM-8X	Fiber Module
6	STACK-T1-1M	9300 stack cable 1M
1	STACK-T1-3M	9300 stack cable 3M
7	CAB-SPWR-150CM	Stack power cable - 150CM
2	715W AC	9300 power supply - spare
9	CAB-C15-CBN	c15 to c14 power cord
10	SFP-10G-LR-S=	10G SM fiber SFP (Cisco compatible ok)
Wireless		
Quantity	Model	Description
80	C9120AXI-B-EDU	9120 Access Point
80	EDU-DNA-A-3Y	DNA license - AP

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10	C9200-STACK-KIT	Cisco Catalyst 9200 Stack Module
Phone Router, license, etc.		
Quantity	Model	Description
90	CON-ECMUSRSTGTEP	1 SRST Endpoint License
90	SRST14-EP	SRST License
1	ISR4331-V/K9	Cisco ISR 4331 UC Bundle
1	CON-SNT-ISR4331V	Smartnet 8X5XNBD
1	SL-4330-UC-K9	UC License
1	NIM-2FXS/4FXOP	FX port module
1	CAB-C15-CBN	c15 to c14 power cord
UPS		
Quantity	Model	Description
3	SRT5KRMXLT	APC UPS
1	SRT192RMBP	APC External Battery
2	AP7811B	APC PDU
1	AP8841	APC PDU

Services:

Description
<p>Waterford School is scheduled to open in the fall of 2024. Waterford is an elementary school approximately 102,000 square feet located in Urbandale, IA at 5635 156th Street. The building will have three data closets - one MDF and two IDF's and will be connected to the district network via fiber-optic connection. The work of installing switches, phones, UPSs and wireless access points will need to be completed as the building project reaches completion before the school opens. Please provide a proposed timeline of installation and statement of work with the quote.</p> <ul style="list-style-type: none"> ● Phones: <ul style="list-style-type: none"> ○ Rack and configure ISR 4331 with district standard for SNMP, user access (ISE) and device connectivity ○ Configure & install up to 100 Cisco phones - including unboxing and placing phones in classrooms and offices ○ Configure voicemail for up to 10 users ○ Configure incoming call routing - incoming call handlers, hunt groups, forwarding to voicemail ○ Configure SRST ○ Test all configuration ○ Configure Informacast integration

- Provide documentation including but not limited to
 - Incoming call routing
 - Phone location
- **Switches:**
 - 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**
 - Rack and install UPSs and PDUs including data cabling & included environmental sensors
- **Access Points**
 - Installation of APs
 - Configure appropriate VLAN for AP connectivity
 - Configure Policy, Site and RF tags in 9800 WLC
 - Configure APs with names, locations
 - Set up maps in DNAC with AP placement
- **General**
 - Label all switches with hostname and switch stack number labels
 - Apply necessary updates/patches as necessary to ensure all switches, APs, routers, UPSs have latest stable/recommended software/firmware
 - 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
 - Install equipment using district standards and industry best practices
 - Test equipment for proper functionality
 - Troubleshoot connectivity of devices as necessary
 - 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 1:00 PM CST on Aug 1, 2023 .

Questions to District are due by Jul 28, 2023 @ 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 to: Brittany Smith
bsmith@waukeeschools.org

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.