

REQUEST FOR PROPOSALS FOR
INTERNAL CONNECTIONS
INCLUDING EQUIPMENT and
SERVICES
FOR
BLOOM HIGH SCHOOL
BLOOM TOWNSHIP HIGH SCHOOL DISTRICT 206,
CHICAGO HEIGHTS, ILLINOIS

Bloom Township High School District 206, Chicago Heights, Illinois wishes to take advantage of the federal Erate discounts and is seeking proposals for wiring/cabling, equipment, setup and installation, and software for various Internet related projects. All equipment, material, and projects meet requirements of the Eligible Services List provided by the Schools and Libraries Division.

District 206 has a WAN composed of 2 LANs connecting four separate buildings. The buildings are connected either by fiber optic or T-1 lines. The existing WAN and LANs are sufficient and are not part of this request. The LANs run on a gigabit backbone.

Vendors may provide bids for any or all parts of this RFP. District 206 may accept all, part or none of any bid. All work is dependent on District 206's application to the SLD being accepted and approved. Vendors must accept SLD distributions as part payment of invoices.

Any and all wiring will be done with UTP CAT5e 4-pair cable. All connections and materials will be to industry standard. All wiring runs will be hidden and adhere to local building codes. All drops to have plastic boxes and plastic faceplates. Double drops will have faceplates with 2 RJ45s; single drops will have faceplates with 1 RJ45. quad drops will have faceplates with 4 RJ45s.

All servers and switches are to be rack-mounted.

BLOOM HIGH SCHOOL

1. MDF
 - a. New core switch – see switch list
 - b. New wiring closet
 - c. UPS for new core switch stack
2. IDFs
 - a. 4 new switches for existing IDFs – see switch list
 - b. New 3rd floor IDF to support 36 rooms with double drops. Cabling is not to extend to classrooms. Requires fiber to MDF. 2 switches
 - c. Computer lab IDF - New wiring closet – include transfer of equipment from current cabinet to closet
 - i. 2 new switches – see switch list
3. Installation of wireless network. – see wireless spec sheet
4. Cable 6 classrooms. Each room to have 35 drops. Will connect to existing classroom Cisco 3550-48. Switch will be mounted in new wall rack.
5. Servers
 - a. Proxy server
 - b. Web server
 - c. Internet filter server
 - d. DHCP/DNS server
 - e. Exchange server
 - f. OWA mail server

See attached equipment spec sheets.

The following services are required:

- All setup, installation, software, cabling, and testing to provide turnkey services for items 1 through 7 above. Servers will operate on Microsoft Server 2008. All other software will be Microsoft compatible. Virus protection is provided by the district.
- Complete setup, testing, etc. for a VoIP telephone system of 30 phones. Cabling and drops will be provided by the District.
- Placement of wireless access points should insure there are no dead spots in staff and student access areas.
- Removal of current network cabinets and transfer of all punch down blocks, cabling, network equipment, etc. to new closets. New closets will be put in the same place the old cabinets are in.
- Disconnection of network services will be done in a timely manner to insure minimum disruption.
- All installations, setups, cabling, terminations, etc. shall be done to industry standards.
- Monthly maintenance of eligible network equipment.

Vendor's Conference

No vendor's conference will be help. Questions can be sent to John Wisnewski at jwisnewski@sd206.org . Information will be posted on the District 206 web site <http://www.bloomdistrict206.org/technology.jsp?rn=7887807> .

Proposal Due Date

Proposals are due in the school district office by 10:00 am January 29, 2009. Proposals are to be delivered to the school district office (100 W. Tenth St. Chicago Heights, IL 60411) only. They are not to be delivered to any other location or person. Envelopes containing proposals will be marked "**Proposal for 2009 Erate RFP - Bloom**".

All Bids Must Include the Following:

Spin Number

-Vendors will provide their SPIN on all proposal materials.

Vendor Name and Contact Information

-Vendor contact information must be provided including email address. Vendor's EIN must also be included.

Form 470 applications #

-106140000722620

Equipment and services list

-a comprehensive list of all equipment and services cost and a breakout of eligible services and equipment and ineligible services and equipment as per the 2009 Eligible Services List provided by the Schools and Libraries Division. This list is to be in SLD Item 21 format and must be available electronically in MS-Word or Excel format.

Description

-a description of how the project shall be performed, timelines for completion, testing procedures, etc should be included. If the bid is only to provide equipment then the description should include delivery timeframes.

References

All proposals must include three references of equal or larger size to this current RFP project. All references must be from school districts in either Will or Cook counties, Illinois.

All references must include the following:

School/School District Name

Contact Person – address, phone #, email

Date of Project

Description of Project

Incomplete proposals may be rejected.

Award Date

Proposals will be awarded in full, in part or rejected on February 5, 2009. Proposers will be notified by email. All awards and the award date are contingent upon final approval of the discount award by the Schools and Libraries Universal Service Fund Discount Program, its agents, or designees. This may not occur until the summer of 2009. All prices shall be valid until the District is notified by the SLD as to whether or not the District has received an award for the work.

Project Initiation Meeting

A project initiation meeting will take place subsequent to award by the SLD; place to be announced. Any and all exceptions are to be discussed and a Project Implementation Schedule will be agreed upon.

Commencement of Work

No work may begin before the SLD award or July 1, 2009, whichever is later. All invoices must be itemized to show material and labor authorized under the universal services Erate program as separate from non-authorized material and labor. All vendors will provide their Universal Services Vendor Code on invoices.

Exceptions

All exceptions, additions and change orders are to be agreed on, by signature, in writing by the vendor/contractor and the district project manager.

Contracts

All proposals should include a signed contract in the event the proposal is accepted.

Proposal Withdrawals

Requests to withdraw proposals must be made in writing to John Wisnewski, Technology Coordinator.

Proposal Opening

Proposal opening will be on January 29, 2009 at 10:30 am at the District 206 Administrative offices. Proposals received prior to the time of opening will be kept secure and unopened. No proposal received thereafter will be considered and will be returned to the proposer unopened.

Evaluation Criteria

This RFP is not meant to favor any vendor or manufacturer. Instead, it is designed to meet the needs of Bloom Township High School District 206. District 206 will weigh the proposals based on the vendor's references, qualifications and support as well as technical merit and cost. In awarding the contract(s), District 206 may take into account the vendor's skill, facilities, capacity, experience, responsibility, previous work record, financial standing, the necessity of prompt and efficient completion of work described in the request documents, familiarity with the District or other factors District 206 considers relevant. Inability of the vendor to meet these conditions may cause for rejection of the proposal.

Bid Criteria

All bids will be subjected to the following evaluation system:

Factor	Weight
Price of eligible products and services	40%
Prior vendor experience	25%
Familiarity with District 206	10%
Service quality and uptime guarantees	10%
Ability to provide support in a timely manner	10%
References	5%
Total	100%

Proposal Acceptance

District 206 reserves the right to accept or reject any or all bids in full or in part and waive formalities or irregularities in the process. A proposal once submitted shall be deemed final and binding on the Proposer, and shall constitute an option with District 206 to enter into a contract upon the terms set forth in the proposal. Due to the processing nature at the SLD all proposals should be valid until District 206 receives notice as to whether or not the project is accepted. District 206 has no control over the timing of notification by the SLD.

Award of any proposal is contingent upon the approval of funding from the Schools and Libraries Universal Service Program. Proposer agrees to receive a portion of payment for the provision of goods and services described herein directly from the Universal Service Fund (“USF”) and/or its agents, the National Exchange Carrier Association (“NECA”) and/or the Schools and Libraries Corporation (“SLC”). District 206 will not be liable for any delays in payments from the Universal Service Fund, or its agents or designees. District 206 and Proposer will act in a reasonable manner and

comply with any Schools and Libraries Universal Service Fund Program requirements as designated under Section 254 of the Communications Act of 1934, as amended, 47 C.F.R. #254, and any competitive bidding requirements contained in 47 C.F.R. #54.504.

Proposal Award

Unless otherwise indicated in the specifications for the proposal, District 206 reserves the right to award the proposal in whole or part, by item, by group or items where such action serves the best interests of District 206.

Warranty

The vendor shall provide a full one year or better warranty on all equipment, services and work from the date that the district accepts completion of the project. The vendor must guarantee a 99% uptime with documentation. Extended warranties should be included as an addendum to the proposal to enable the district to determine if extended warranties are feasible at the time and if they offer an advantage to the District.

Contract Negotiations

School District 206 reserves the right to negotiate a contract after a successful proposer is accepted. Selection will be based on the proposal and subsequent interviews, if any; therefore, proposals must be complete.

Switch Specs

All switches must

1. Be Cisco switches.
2. be PoE.
3. be rack mountable.
4. have all firmware up-to-date.
5. have a SmartNet agreement.
6. include all release notes.

Switch List

1. Core switch – Bloom and Bloom Trail
 - a. 1 core switch is required
 - b. Core switch is based on the Catalyst 6509 series switch
 - c. The core switches can only be set up and installed by either a CCNP or CCIE
 - d. Must include all release notes
 - e. The core switch will consist of the following Cisco components plus any other necessary components
 - i. WS-C6509-S720-6724
 - ii. MEM-C6K-CPTFL512M
 - iii. WS-SUP720
 - iv. WS-X6724-SFP
 - v. WS-X6548-GE-45AF
 - vi. GLC-SX-MM= transceivers
 - f. Multilayer switch
 - i. (1) WS-C3750G—12-12S-S
 - ii. (7) GLC-SX-MM= transceivers
2. Bloom H.S. Network Switches
 - a. 24-port switches
 - i. (7) WS-C3750-24PS-S
 - ii. (14) GLC-SX-MM= transceivers
3. Bloom H.S. Lab/Classroom Switches
 - a. 48-port switches
 - i. (4) WS-C3750G-48PS-S
 - ii. (8) GLC-SX-MM= transceivers

Wireless Specs

Proposers of the wireless network installation should request the Bloom High School Wireless survey.

Bloom High School is a four-story school built in 1931. There are a great many plaster with wire mesh walls and thick concrete floors. The network is to be a full roaming wireless network throughout the school. The network should consist of two sides; one should be a fully secured and access the existing LAN and the other should access the internet only.

Equipment:

- (50) Cisco 1252 Aironet N Access Points
- (98) Cisco Aironet Dipole Antennas

(2) Sector Panel 2.4-2.5 GHz 14dbi 90° Antennas

Installation is to include all testing, project management, network integration, etc. Access points will run PoE.

Server Specs

All servers must

- Have management software.
- Supply all installation discs.
- Have an extended warranty.
- Have a NBD service agreement.
- Be rack mount servers.
- Have WIN 2008 Server Standard installed.
- Have a CD/DVD.

Note: the following specs are used to provide a minimum standard.

Web Server, Proxy Server, DHCP/DNS Server, Internet Filter Server, OWA Server (5 servers total)

- (2) Dual Core Xeon 5160 (4MB Cache, 3.0 GHz, 1333 MHz FSB)
- 4.0 GB DDR2 RAM (2 X 2GB)
- (2) 73.0 GB SAS Hard Drive w/ RAID 0
- Dual 1000BaseT Ethernet Ports
- Redundant power supplies

Exchange Server (1 server total)

- (2) Dual Core Xeon 7041 (2X2MB Cache, 3.0 GHz, 800 MHz FSB)
- 4.0 GB DDR2 RAM (2 X 4GB)
- (5) 300GB SAS Hard Drive w/ RAID 0
- Dual 1000BaseT Ethernet Ports
- Redundant power supplies

VoIP System

The VoIP system will provide full telephone service to the offices and staff and will provide voicemail services to faculty with eventual expansion to bring Bloom into 911 compliance. The VoIP system

proposed should be able to “piggy-back” onto the existing telecom system so that both existing phones and VoIP phones can be used on it. The proposal should provide all equipment, software, etc. to put the VoIP system in place. The proposal should include 70 telephones. Telephones will not be a part of the Erate application and will be paid for out of district funds as such their cost must not be rolled into the cost of the system but must be set apart.