

REQUEST FOR QUOTE

Project ID #: 032009IMG

Due Date for Vendor Quotes: April 9, 2009 by 16:30 Central Daylight Time

Send Quotes to: Mark.Headlee@iowacourts.gov

Vendor Requirements:

- Vendor must have a State of Iowa contract
- A separate itemized price quote, as well as a section total must be included for each section below (Sections 1-6)
- A full project total quote must be provided
- Vendor Questions & Answers will be posted on the Judicial Branch website during the request for quote process

Project Technical Requirements:

Section 1: Two (2) servers with the following specifications:

- One (1) Intel Xeon Quad Core L5420 series Low Voltage 2.5GHz processor.
- 8GB RAM, preferred configuration is 2x4GB DIMMs; please specify configuration and number of open slots in response.
- Six (6) 146GB Hard drives, 10K RPM if SFF (2.5), 15K RPM if LFF (3.5), Hot-swap SAS.
- RAID controller card(s) capable of making two separate arrays (one RAID1, 1 RAID 10) from the six internal drives, minimum of 256MB of Battery Backed Write cache.
- External SAS connection(s) or card(s), capable of connecting to external RAID array in Section 2 and configuring it as a RAID 10 array, if one card can provide the functionality for both internal and external arrays, then that is acceptable. If RAID management is handled by controller(s) in the external array, then only the connectivity is required for this interface.
- Two (2) 1 Gigabit Ethernet interfaces.
- Redundant, hot swap Power Supplies with power cord for each PSU to match PDU in Section 3.
- Optical Drive, DVD-ROM required, DVD+/-RW preferred.
- Rack mount enclosure and rails; please specify the number of U required in response.
- 3 year Hardware maintenance contract, please also provide costs for both a 4 and 5 year contract, if available. Hardware will be located in Davenport, IA, 24x7 4hour On-site service is preferred, if available. If it is not, please note that and provide quotes for the highest level available in this location.

Section 2: One (1) SAS attached external RAID array enclosure with the following specifications:

- Rack mount enclosure and rails, please specify the number of U required.
- 3.5" drive form factor.
- Ability to configure the drives in the enclosure as a RAID 10 array, either through the action of controller(s) internal to the enclosure, or the controller(s) the enclosure is connected to in the server.
- Eight (8) 750GB 7.2K RPM Near-line Dual-port SAS hard drives, to be configured in RAID 10 with two hot spares.
- 3 year Hardware maintenance contract, please also provide costs for both a 4 and 5 year contract, if available. Hardware will be located in Davenport, IA, 24x7 4hour On-site service is preferred, if available. If it is not, please note that and provide quotes for the highest level available in this location.
- Please provide information about features and future expandability of the array (i.e., is there any integrated cache for the array, can multiple enclosures be cascaded from a single connection, how many total drives are supported by the array, are dual domain options available, etc?)
- Redundant, hot swap power supplies with power cord for each PSU to match PDU in Section 3.
- Cables required for connection to the servers in **Section 1**.

Section 3: In-Rack power protection and distribution

- Two (2) 2000-2500VA UPSs. Please provide prices for both 120V and 208V and provide information for the type of input and output connections (i.e. L6-20 input, 2x L6-20 output).
- Two (2) Rack mount Zero U PDUs, match voltage with UPS above, at least 10 output connections each. Please provide information on the input and output connections (i.e. L6-20 input, 16x IEC 320-C13 output).

Section 4: Rack mountable KVM drawer and switch

- One KVM drawer including keyboard, mouse, and 15+ inch LCD monitor.
- KVM switch with support for a minimum of 4 servers, including the two in **Section 1** and hotkey switching, please provide number of U required, and if the switch can be mounted Zero U either on the back of the KVM drawer or in the rack cabinet in **Section 6**.
- Cables required to connect the two servers in **Section 1**, and two additional servers.
- Please include specifications, especially if the KVM switch supports PS2, USB, or both.

Section 5: One (1) rack mountable Gigabit Ethernet Switch

- Minimum of 8 gigabit Ethernet ports accessible.
- Gigabit uplink port (list options for copper or fiber based uplink.)

Section 6: One (1) 42U Rack enclosure

- Locking front and rear doors
- Mounting area for Zero U PDUs