

REQUEST FOR PROPOSAL (RFP)

PROPOSAL FOR NOTEBOOK AND DESKTOP COMPUTER EQUIPMENT FOR SEQUOIA UNION HIGH SCHOOL DISTRICT

SEQUOIA UNION HIGH SCHOOL DISTRICT
Contact: Carolyn Schuster Director of Purchasing
480 James Avenue
Redwood City, CA 94062
Cschuste@seq.org
(650) 369-1411, ext. 2346

Notice to Computer System Vendors:

Re: – PROPOSAL FOR NOTEBOOK AND DESKTOP COMPUTER EQUIPMENT

The Sequoia Union High School District cordially invites your company to submit a bid for “PROPOSAL FOR NOTEBOOK AND DESKTOP COMPUTER EQUIPMENT”. Attached for your company’s review and compliance are the general terms and conditions, and specifications.

Please review the attachments and provide your prices, in writing, no later than 4:00 PM on Monday, June 22, 2009.

Please mark the envelope containing your sealed bid “PROPOSAL FOR NOTEBOOK AND DESKTOP COMPUTER EQUIPMENT”. The bids shall be sealed and filed with the undersigned by 4:00 PM. Faxed bids are **not** acceptable and will not be received.

If you have any questions related to the technical specifications that exist within this RFP, please contact Clint Barret at (650) 369-1411 Ext. 2555. If you have any questions related to the details of the bid documents that exist within this RFP, please contact Carolyn Schuster at (650) 369-1411, ext. 2346.

Sincerely,

Carolyn Schuster
Director of Purchasing

Clint Barret
Manager of Data and Voice Services

Attachments

SEQUOIA UNION HIGH SCHOOL DISTRICT

Purchasing Department
480 James Avenue
Redwood City, CA 94062
(650) 369-1411, Ext. 2346

PROPOSAL FOR NOTEBOOK AND DESKTOP COMPUTER EQUIPMENT
Due Date: Jun 22, 2009

REQUEST FOR PROPOSAL

- 1) Sealed bids, subject to all conditions herein, will be received at the Purchasing Office, Sequoia Union High School District, 480 James Avenue, Redwood City, CA 94062 until 4:00 PM, Monday, June 22, 2009, and at that time publicly opened for **PROPOSAL FOR NOTEBOOK AND DESKTOP COMPUTER WORKSTATIONS.**

Mark envelope clearly:	PROPOSAL FOR NOTEBOOK AND DESKTOP COMPUTER EQUIPMENT Due Date: Monday, June 22, 2009
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- 2) Table of Contents for this Bid:

Request for Proposal	2
Notice to Bidders.....	3
General Conditions	4-6
Piggy-Back Conditions.....	7
Statement of Noncollusion	8
Overview.....	9
Specifications.....	10
Authentications	11
Proposal.....	12-17

Questions related to the technical specifications that exist within this RFP should be directed to: Clint Barret, Manager of Data and Voice Services Sequoia Union High School District 480 James Avenue Redwood City, CA 94062 Voice: (650) 369-1411 Ext. 2555	Questions related to the details of the bid documents that exist within this RFP should be directed to: Carol Schuster, Director of Purchasing Sequoia Union High School District 480 James Avenue Redwood City, CA 94062 Voice: (650) 369-1411 Ext. 2346
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PROPOSAL FOR NOTEBOOK AND DESKTOP COMPUTER EQUIPMENT
Due Date: Monday, June 22, 2009

NOTICE TO BIDDERS

Notice is hereby given that the Board of Trustees of the Sequoia Union High School District, County of San Mateo, State of California, will receive sealed bids for the following:

PROPOSAL FOR NOTEBOOK AND DESKTOP COMPUTER EQUIPMENT

Opening Date: Monday, June 22, 2009

BID OPENING DATE AND TIME: Bids will be opened and read publicly on Monday, June 22, 2009, at 4:00 PM in the Sequoia Union High School District Technology-Sequoia Conference Room, 480 James Avenue, Redwood City. Bids must be **sealed** and filed at the Purchasing Office before 4:00 PM the time fixed for opening proposals for this bid.

DISTRICT PROPOSAL FORM MUST BE USED: All bids must be submitted on the Proposal Form obtainable at the Purchasing Office set forth above. Each bid must be in accordance with the specifications on file in the Purchasing Office where they may be obtained. All envelopes must be clearly marked "PROPOSAL FOR NOTEBOOK AND DESKTOP COMPUTER EQUIPMENT". Bidders may supply detailed information on forms of their own design, but these will *NOT* be reviewed if the District Proposal Form is not completely filled out and made the first section of the bidder's response.

BID WITHDRAWAL LIMITATION: No bidder may withdraw their bid for a period of 120 days after the date set for the opening thereof.

RIGHTS RESERVED TO THE DISTRICT: The Board of Trustees reserves the right to accept or reject any and all bids, waive any informalities, and to be the sole judge of the responsibility of any bidder and of the suitability of the equipment, supplies, and/or services offered.

SEQUOIA UNION HIGH SCHOOL DISTRICT
BOARD OF TRUSTEES

BY: Gordon Lewin, Clerk

Published in the *San Mateo County Times* June 8, and June 15, 2009.

SEQUOIA UNION HIGH SCHOOL DISTRICT
Purchasing Office
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PROPOSAL FOR NOTEBOOK AND DESKTOP COMPUTER EQUIPMENT
Due Date: Monday, June 22, 2009

GENERAL CONDITIONS

PROPOSAL PREPARATION: A responsible officer or employee must sign the Proposal. Errors and corrections on this proposal may not be erased. Mistakes may be crossed out, correction inserted adjacent, and initialed in ink by person signing the proposal. Verify your proposal documents before submission as they cannot be withdrawn or corrected after being opened. The Sequoia Union High School District will not be responsible for errors or omission on the part of bidders in making their proposals. *If the District issues any addendum to this bid, you must sign it and attach it to the proposal forms you submit. Also, you must complete the "Authentication" section of the last page of the District Proposal form.*

BRANDED AUTHENTIC SOFTWARE: Software products must be branded authentic with licensing for each installed software copy. Acceptable verification of authenticity will be original, sealed non-OEM Microsoft retail packaging OR a copy of a valid Microsoft OEM license agreement. When assembled computers are supplied by the bidder with installed software, the accompanying shrink-wrapped software and documentation must be the EXACT same version as was used by the Vendor to complete the software installation.

SPECIFICATION DETAILS: Bidders must meet **or exceed** specifications included in this RFP. Variations must be documented in an attachment to the District's Proposal form.

PRICES: During the period of deliveries under a resulting contract, should there be a decrease in prices of the items listed therein, a corresponding decrease in prices on the balance of the deliveries shall be made to the District for as long as the lower prices are in effect, but at no time shall the prices charged the District exceed the prices bid herein.

The District shall be given the benefit of any lower prices which may, for comparable quality and delivery, be given by the vendor to any other school district or any other state, county, municipal or local governmental agency in San Mateo County, for the products listed herein.

DELIVERY: Bidders must provide for the delivery of the equipment within 10 calendar days of receipt of a purchase order *unless a longer period is authorized in writing* on the applicable purchase order. Deliveries are accepted at the address below Monday through Friday between the hours of 8:00 AM and 4:00 PM only, unless prior arrangements have been made. United Parcel Service (UPS) shipping is acceptable. Shipments must be shipped complete.

All deliveries are to be made to the following address unless the District specifies otherwise in writing:	Sequoia Union High School District Warehouse 350 James Avenue Redwood City, CA 94062
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SALES TAX: Sales tax of 9.25% will be added to quoted prices by the District when placing orders. Do NOT include sales tax in the unit prices quoted in your bid response.

TRANSPORTATION CHARGES: All shipping, handling, and delivery charges must be included in the quoted price of each item bid. *No such charges may later be added to any invoice resulting from a purchase order issued under this bid.*

WARRANTIES: All equipment shall be fully guaranteed as to both parts and labor for at least three (3) years following delivery to the site specified by the District. A repaired or replacement unit must be provided within 48 business hours of service notification by the District that service is required. Warranty service shall be coordinated through the District's I.T. Purchasing Representative. All equipment returned under warranty must have shipping costs covered by the vendor.

RIGHTS RESERVED BY DISTRICT: The District reserves the right to reject any or all bids; to choose any bids; and to waive any informality, technical defect, or clerical error in any bid, as the interest of the District may require. Any apparatus, appliance, equipment, material or work not shown in the specifications or any incidental accessories necessary to make the product complete and perfect in all respects and ready for operation, even if not particularly specified, shall be furnished, configured, and delivered by the bidder without additional expense to the District. Minor details not shown or specified, but necessary for the proper configuration and operation, shall be included in the work and in the bidder's estimate, the same as if herein specified or shown.

If the market price for a specific item declines significantly as reported in the trade press, the District may request an updated price that reflects such market price reduction. The District reserves the right at any time during the period to purchase computers and/or other listed items from any other Vendor through the bid process or through other purchasing channels authorized by Code. Should specific items become obsolete or unavailable during the term of this bid, the District reserves the right to require a substitute of equal or better quality and/or performance. The Vendor shall provide monthly updates on price information to the District.

DETERMINATION OF AWARD: Public Contracts Code §20118.1 and 20118.2 specifically permits a school district to select **any of the three** lowest responsible bids for electronic data-processing systems and supporting software based on factors which it considers to be in the best interest of the District and its students. The District may award the bid or portions

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thereof to one or more of the three lowest responsible bidders on the specified products and the overall % discount available on the vendor's product line who best satisfies the terms and conditions of the bid. The District's Purchasing and Information Technology teams shall evaluate the bids and determine the bid(s) to be recommended to the Board of Trustees for acceptance. The following factors shall be considered in determining the award:

- √ the cost of the equipment and overall % discount across the vendors product line
- √ the manufacturer's name and/or Vendor reputations;
- √ warranty, service, and support; and
- √ the degree to which a proposal is responsive to specifications, general conditions, and other items included in this RFP.
- √ the ease of implementing the extension of the % discount on the vendor's product line to District students and District employees.

CLOSING DATE and TIME: The closing date and time for receiving bids is 4:00 PM Pacific on Monday, June 22, 2009. See "Milestone Schedule" listed below.

<h3>MILESTONE SCHEDULE</h3>

- | |
|--|
| <ul style="list-style-type: none">• Invitation to bid advertised in <i>San Mateo County Times</i>, June 8, and June 15, 2009• Bid Closing – 4:00 PM Pacific, Monday, June 22, 2009• Anticipated Board Award Date: Wednesday, June 24, 2009 |
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INVOICES AND PAYMENTS: The Vendor, unless otherwise specified in writing, shall submit invoices for the services performed under this Contract to the Purchasing Department, Sequoia Union High School District. Invoices shall be submitted in a timely fashion, as agreed upon in writing by both the vendor and the District, but not later than five (5) days after completion of the services described herein if there is no written agreement to the contrary. The invoice form will be of a type designated by the vendor prior to or at commencement of performance, with the same vendor firm name as shown on this contract. The contract shall list separately any applicable taxes payable by the District. The District shall make payment for services furnished under the contract within a reasonable and proper time after acceptance thereof and approval of the invoices by the authorized District representative(s).

OPTIONAL INDIVIDUAL PURCHASE PROGRAMS: Bidders must be willing to extend to the Sequoia Union High School District employees or students the same % discount on the vendor's product line to District students and District employees. Vendor will provide an easily accessible mechanism for purchases which will not require District Involvement as part of the purchase process.

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PIGGY-BACK BID: Other school and/or community college districts within the State of California may request the identical item(s) at the same price and upon the same terms and conditions, pursuant to Section 20118 of the Public Contract Code. The Sequoia Union High School District waives its right to having such other Districts draw their warrants in favor of this district as provided in said code section.

RENEWABLE CONTRACT: This contract can be renewable up to a five (5) year period if deemed in the best interest of the District, if acceptable to both parties. The contract may be canceled by the Sequoia Union High School District with a thirty (30) day written notice to the vendor.

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STATEMENT OF NONCOLLUSION

I, _____, _____
(Name) (Title)

of _____
(Company Name)

hereby certify:

- That all statements of fact in this proposal are true;
- That such proposal was not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation;
- That such proposal is genuine and not collusive or a sham;
- That said bidder has not, directly or indirectly, by agreement, communication, or conference with anyone, attempted to induce action prejudicial to the interest of the Sequoia Union High School District, or of any other bidder or anyone else interested in the proposed contract; and further,
- That prior to the public opening and reading of proposals, said bidder:
 - Did not, directly or indirectly, induce or solicit anyone else to submit a false proposal;
 - Did not, directly or indirectly, collude, conspire, connive, or agree with anyone else that said bidder or anyone else would submit a false or sham proposal, or that anyone should refrain from bidding or withdraw his proposal;
 - Did not, in any manner, directly or indirectly, seek by agreement, communication, or conference with anyone to raise or fix the proposal price of said bidder or of anyone else, or to raise or fix any overhead, profit, or cost element of his proposal price, or of that of anyone else;
 - Did not, directly or indirectly, submit his proposal price or any breakdown thereof, or the contents thereof, or divulge information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, or to any individual or group of individuals, except to the Sequoia Union High School District, or to any person or persons who have a partnership or other financial interest with said bidder in his business.

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OVERVIEW

Through this bid, it is the intent of the Sequoia Union High School District to select a Vendor to provide NOTEBOOK AND DESKTOP COMPUTER EQUIPMENT to the District effective May 28, 2008.

You are **not** required to bid all system categories listed above; however, the District prefers to work with as few Vendors as possible. The Vendor should note that, in its own best interest, the District may elect to award the bid to different Vendors for each of the specification categories.

The following must be provided by the bidder and will be considered in the evaluation of the bids.

Purchase Contract: Include a copy of the contract documents to be used by the Vendor. The contract document must specify that the *equipment is new*.

Warranty: Include copies of warranties describing the length of each warranty, and the scope of each warranty's coverage.

Vendor Reputation: Vendor shall supply a list of at least five school districts or other medium-to-large organizations currently using the equipment or hardware from the same manufacturer/assembler as provided for in this bid. Include the names and phone numbers of contact persons.

Using the Proposal Section, provide the brand names, model numbers, and prices for the items listed in the *Specifications Section* noted above.

You **must:**

- Provide the brand name and model designation for each component of each system that you bid in the designated space on the *Proposal Form*.
- Indicate the unit price for system within the designated categories.
- Include the transportation, or delivery, price for each system.
- Provide detailed the Optional Individual Purchase Programs for District students and District employees.

Do not include sales tax in your prices. The District will add 8.25% sales tax to any purchase order issued based upon this bid.

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REQUIRED VENDOR SERVICES

At a minimum, Vendor must provide:

- 1) Full assembly (when requested on a purchase order of purchased items and configuration as necessary, and delivery of all equipment as indicated in the approved bid).
- 2) The successful bidder must make every reasonable effort to provide a consistent product. (Examples include the computer case, bios, VGA chipsets, keyboards, etc.) Substitutions *must* be approved by the District's Information Technology staff.
- 3) Full documentation of all equipment, including (where applicable) a hardware configuration document consisting of serial numbers and all hardware configurations (i.e. hard drive type, IRQ, and base address settings).

PROPOSAL

NOTICE TO BIDDER: You must note the brand name and model designation of each component of each system that you bid. Failure to include this information as the District specifies is cause for disqualification of your entire bid.

For each system category, first write the brand name and model designation for each component in the "System Description". Second, write the unit price for the entire system for that specific computer system category (this must include transportation charges) in the "System Price" column.

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AUTHENTICATION

The following signature hereby authenticates all prices and information provided on page 12-16 and acknowledges the bid's General Conditions, Specifications, Required Vendor Services, and statements.

Company Name: _____

Address: _____

City, State, Zip: _____

Telephone: _____ Fax: _____

Contact Person: _____ Title: _____

Signature of Authorized Officer: _____

Date: _____

Invoice Payment Terms: _____

Specification 1A – Notebook (Quantity to be determined on an as needed basis)

Processor	Intel® Core™ 2 Duo P8700 (2.53GHz, 3M L2 Cache, 1066MHz FSB)
Operating System - Option 1	Genuine Windows Vista® Ultimate 64-bit
Operating System - Option 2	Genuine Windows Vista® Ultimate 32-bit
Memory	4GB DDR2 System Memory
Hard Drive	250GB 7200RPM SATA hard drive with Free Fall Sensor
Optical Drive	8x Multi-Format Dual Layer Slot Load DVD-RW w/ DVD-RAM
Video	Discrete Video Card with 256MB or Better (Or similar video capability from a like product)
Display	15.4" UltraSharp™ Widescreen WUXGA (1600x900) Display or Better
Web Camera	Integrated Web Cam
Wireless Network	Intel® WiFi Link 5300 802.11a/g/n Draft Mini Card
Fingerprint Reader	Fingerprint Reader
Audio	High-Definition Audio- 2 Channel, Built-In speakers, embedded microphone, headphone/speaker jack, and microphone jacks (Intel)
Bluetooth	Bluetooth® 2.0+EDR
Expansion Slots	One ExpressCard™ Type 54
External Ports	(3) USB 2.0, VGA Connector, V1.2 HDMI Connector, IEEE 1394 FireWire Port (optional), e-SATA and Kensington Lock Slot
Keyboard and Mouse	Full-Size Keyboard, Synaptics Touchpad with Vertical Scroll and Dedicated Multimedia Panel
Media Card Reader	7 in 1 Media Card Reader or Similar (Memory Stick®, MemoryStick Pro®, MultiMediaCard™, Secure Digital™, xD-Picture Card)
Modem	Integrated V.92 56K modem
Network	Integrated 10/100/1000 Ethernet Adapter (Intel, Broadcom, RealTek or equivalent)
Warranty	3 Year Basic (Tech Support - Parts - Factory Labor)
Additional Items:	<p style="text-align: center;">Belkin Hi-Speed Express Card Docking Station/Associated Docking Station</p> <p style="text-align: center;">Targus Deluxe Black Leather Notebook Case-Fits 17"</p> <p style="text-align: center;">Mobile Theft - 3 Year LoJack for Laptops</p>

Specification 1B – Notebook (Quantity to be determined on an as needed basis)

Processor	Intel® Core™ 2 Duo T7250 (2.00GHz, 2M L2 Cache, 800Mhz FSB)
Operating System - Option 1	Genuine Windows Vista® Ultimate 64-bit
Operating System - Option 2	Genuine Windows Vista® Ultimate 32-bit
Memory	4GB DDR2 System Memory
Hard Drive	250GB 5400rpm Serial ATA hard drive w/ 8MB cache
Optical Drive	8x Multi-Format Dual Layer Slot Load DVD-RW w/ DVD-RAM
Video	Discrete video optional
Display	15.4" UltraSharp™ Widescreen WUXGA (1280x720) Display or Better with Integrated Webcam
Wireless Network	Intel® WiFi Link 5300 802.11a/g/n Draft Mini Card
Audio	High-Definition Audio- 2 Channel, Built-In speakers, embedded microphone, headphone/speaker jack, and microphone jacks (Intel)
Bluetooth	Bluetooth® 2.0+EDR
Expansion Slots	One ExpressCard™ Type 54
External Ports	(3) USB 2.0, VGA Connector, V1.2 HDMI Connector, IEEE 1394 FireWire Port (optional), e-SATA and Kensington Lock Slot
Keyboard and Mouse	Full-Size Keyboard, Synaptics Touchpad with Vertical Scroll and Dedicated Multimedia Panel
Media Card Reader	7 in 1 Media Card Reader or Similar (Memory Stick®, MemoryStick Pro®, MultiMediaCard™, Secure Digital™, xD-Picture Card)
Modem	Integrated V.92 56K modem
Network	Integrated 10/100/1000 Ethernet Adapter (Intel, Broadcom, RealTek or equivalent)
Warranty	3 Year Basic (Tech Support - Parts - Factory Labor)
Additional Items:	
	Belkin Hi-Speed Express Card Docking Station/Associated Docking Station
	Targus Deluxe Black Leather Notebook Case-Fits 17"
	Mobile Theft - 3 Year LoJack for Laptops

Specification 1C – Notebook (Quantity to be determined on an as needed basis)

Processor	Intel® Atom™ N280 (1.66GHz 533MHz 512KB)
Operating System – Option 1	Genuine Windows Vista® Ultimate 64-bit
Memory	2 GB PC2-5300 DDR2 SDRAM 667MHz
Hard Drive	160GB 5400rpm Serial ATA hard drive w/ 8MB cache
Expansion Slots	1 x VGA Port (D-sub 15-pin for external monitor) 3 x USB 2.0, 1 x LAN RJ-45 2 x Audio Jack (Head Phone / Mic-in) Card Reader: MMC/ SD(SDHC)/ MS/ MS-PRO
Video	Intel Graphics Media Accelerator 950
Display	10.2 WSVGA Antiglare TFT 1024x600 with Integrated Webcam 1.3M Pixel or Better
Wireless Network	Integrated 802.11a/b/g Wireless Networking (N – optional)
Audio	High-Definition Audio- 2 Channel, Built-In speakers, embedded microphone, headphone/speaker jack, and microphone jacks (Intel)
Bluetooth	Bluetooth V2.0 + EDR
External Ports	(3) USB 2.0, VGA Connector, and Kensington Lock Slot
Media Card Reader	5-in-1 media card reader (Memory Stick®, MemoryStick Pro®, MultiMediaCard™, Secure Digital™, xD-Picture Card)
Battery	6 Cell Lithium-Ion
Modem	Integrated V.92 56K modem
Network	Integrated 10/100 Ethernet Adapter (Intel, Broadcom, RealTek or equivalent)
Warranty	2 Year Basic (Tech Support - Parts - Factory Labor)
Additional Items:	
	Belkin Hi-Speed Express Card Docking Station/Associated Docking Station
	Targus Deluxe Black Leather Notebook Case-Fits 17"
	Small Nylon Notebook Carry Case – Fits 15"

Specification 1D – Tablet Notebook (Quantity to be determined on an as needed basis)

Processor	Intel® Core™ 2 Duo ULV processor U7600 (1.20GHz)
Operating System – Option 1	Genuine Windows Vista® Ultimate 64-bit
Operating System – Option 2	Genuine Windows Vista® Ultimate 32-bit
Memory	3GB (1x1GB on board, 1x2GB DIMM) 533MHz
Hard Drive	250GB 5400rpm Serial ATA hard drive w/ 8MB cache
Video	1 ATI Radeon X1250 UMA Graphics (integrated)
Display	12.1-inch WXGA (1280 x 800 resolution), Outdoor Viewing display, up to 400 nits
Wireless Network	Integrated 802.11b/g/n Wireless Networking
Audio	High-Definition Audio- 2 Channel, Built-In speakers, embedded microphone, headphone/speaker jack, and microphone jacks (Intel)
Bluetooth	Bluetooth V2.0 + EDR
External Ports	(3) USB 2.0, VGA Connector, V1.2 HDMI Connector, IEEE 1394 FireWire Port (optional), e-SATA and Kensington Lock Slot
Media Card Reader	5-in-1 media card reader (Memory Stick®, MemoryStick Pro®, MultiMediaCard™, Secure Digital™, xD-Picture Card)
Battery	6-cell 42W/Hr Li-Ion primary
Modem	Integrated V.92 56K modem
Network	Integrated 10/100/1000 Ethernet Adapter (Intel, Broadcom, RealTek or equivalent)
Warranty	2 Year Basic (Tech Support - Parts - Factory Labor)
Additional Items:	
	Belkin Hi-Speed Express Card Docking Station/Associated Docking Station
	Targus Deluxe Black Leather Notebook Case-Fits 17"
	Small Nylon Notebook Carry Case – Fits 15"
	Mobile Theft - 3 Year LoJack for Laptops

Specification 2A - Desktop Power User (Quantity to be determined on an as needed basis)

Processor	Intel® Core™2 Duo Processor ATX (2.33GHz or better)
Operating System – Option 1	Genuine Windows Vista® Ultimate (64-bit)
Operating System – Option 2	Genuine Windows Vista® Ultimate (32-bit)
Memory	4-6GB DDR2 800Mhz System Memory
Hard Drive	250-500 GB 7200rpm Serial ATA hard drive w/ 8MB cache
Optical Drive	SATA DVD/CD-RW combo
Video	nVidia Quadro or Tesla 512mb or equivalent Dual-Video Out
Chassis	Low Profile Chassis w/ 650 watt Power Supply Energy Star, Internal 3x 2.5in. Drive Bays, External 2x 3.5in. Drive Bays, and lockable case* with secured front bezel** * We prefer a security loop/tab into which a small padlock can be inserted and latched. ** Bezel cannot be removed if case is closed and locked.
Display	17" LCD Display (1080x768 Minimum Resolution) w/ VGA/DVI 19" LCD Display (1600x900 Minimum Resolution)
Audio	High Definition Integrated Audio
Expansion Slots	2 PCIe x16 Gen2 Graphics, 2 PCIe (x8 mechanically, x4 electrically), 2 PCI, SATA, SATA NCQ, SAS
External Ports	Front 1x IEEE 1394 FireWire Port (optional), Front 1x Microphone in, Front 1x Headphone, Front 2x USB, Rear 5x USB 2.0, Rear 1x Audio in, Rear 1x Audio out, Rear 1x Microphone in, Rear 1x RJ45 to Integrated Gigabit
Keyboard and Mouse	Full-Size USB Keyboard w/ No Hotkeys, USB Optical Mouse
Media Card Reader	19-in-1 media card reader
Network	Integrated 10/100/1000 Ethernet Adapter (Intel, Broadcom, RealTek or equivalent)
Warranty	3 Year Basic (Tech Support - Parts - Factory Labor)

Specification 2B – Desktop Standard (Quantity to be determined on an as needed basis)	
Processor	Intel® Core™2 Duo Processor ATX (2.33GHz or better)
Operating System – Option 1	Genuine Windows Vista® Ultimate (64-bit)
Operating System – Option 2	Genuine Windows Vista® Ultimate (32-bit)
Memory	4GB DDR2 800Mhz System Memory
Hard Drive	250GB 7200rpm Serial ATA hard drive w/ 8MB cache
Optical Drive	SATA DVD-RW/CD-RW combo
Video	nVidia Quadro or Tesla 512mb or equivalent (Dual-Video Out optional)
Chassis	Low Profile Chassis w/ 450 watt Power Supply Energy Star, Internal 3x 2.5in. Drive Bays, External 2x 3.5in. Drive Bays, and lockable case* with secured front bezel** * We prefer a security loop/tab into which a small padlock can be inserted and latched. ** Bezel cannot be removed if case is closed and locked.
Display	17" LCD Display (1080x768 Minimum Resolution) w/ VGA/DVI 19" LCD Display (1600x900 Minimum Resolution)
Audio	High Definition Integrated Audio
Expansion Slots	2 PCIe x16 Gen2 Graphics, 2 PCIe (x8 mechanically, x4 electrically), 2 PCI, SATA, SATA NCQ, SAS
External Ports	Front 1x IEEE 1394 FireWire Port (optional), Front 1x Microphone in, Front 1x Headphone, Front 2x USB, Rear 5x USB 2.0, Rear 1x Audio in, Rear 1x Audio out, Rear 1x Microphone in, Rear 1x RJ45 to Integrated Gigabit
Keyboard and Mouse	Full-Size USB Keyboard w/ No Hot Keys, USB Optical Mouse (Logitech)
Media Card Reader	19-in-1 media card reader
Network	Integrated 10/100/1000 Ethernet Adapter (Intel, Broadcom , RealTek or equivalent)
Warranty	3 Year Basic (Tech Support - Parts - Factory Labor)