



ByteSpeed Info for  
West Virginia Statewide  
Contract for Computer  
Equip & Accessories

CRFQ 0212  
SWC1900000001

September 2018



Submitted by:

**ByteSpeed**

3131 24<sup>th</sup> Ave S.  
Moorhead, MN 56560

*Charlie Jordan, Account Manager*

*[cjordan@bytespeed.com](mailto:cjordan@bytespeed.com)*

*[www.bytespeed.com](http://www.bytespeed.com)*

Toll Free: 877.553.0777

Direct: 304.237.8282

Fax: 218.227.0498

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WV PURCHASING  
DIVISION



Technology  
Provider  
Platinum 2018



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**STATEWIDE CONTRACT – IP19**  
**COMPUTERS AND PERIPHERALS**  
(Revised 9/18/2018)

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**SPECIFICATIONS**

- 1. PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Office of Technology (WVOT) to establish an open-end Statewide Contract for the purchase of Computers and Peripherals.

The purpose of this RFQ is to seek bids from interested original equipment manufacturers (OEM) capable of providing desktops, laptops, netbooks, tablet PCs (without integrated cellular service), monitors, and other peripheral equipment for those products.

The successful bidder must provide full support capability, as requested, including, but not limited to, configuration, support and maintenance.

The State's intent is to contract with a single vendor enabling the State to standardize its desktop and mobile equipment base for the life of the contract.

- 2. DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in Section 2 of the General Terms and Conditions.

**2.1 “Agency”** is any entity seeking good/services under this Contract.

**2.2 “ARO”** means after receipt of order.

**2.3 “Business class machines”** means computers that offer more features for professional work, such as fingerprint readers, remote desktop control software, and encryption tools. The professional operating system version that comes on business PCs is also more suited for workers than the home version.

**2.4 “Contract”** is the binding agreement that is entered into between the State and the Vendor to provide the items requested in the solicitation

**2.5 “Contract Item” or “Contract Items”** means the list of items identified in Section 3.1 below and on the Pricing Pages.

**2.6 “FOB”** stands for Free on Board which indicates that the Vendor is responsible for delivery and shipping costs.

**2.7 “Mandatory Requirements”** The terms “must”, “will”, “shall”, “minimum”, “maximum”, or “is/are required” identify a mandatory item or factor. Decisions regarding compliance with any mandatory requirements shall be at the sole discretion of the State. Failure on the part of the Vendor to meet any of the mandatory specifications shall result in the disqualification of the bid.

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- 2.8 “Manufacturer”** is the company who produces the equipment.
- 2.9 “PCs”** are desktops, laptops, netbooks, and tablets.
- 2.10 “Pricing Pages”** means the schedule of prices, estimated order quantity, and totals contained in wvOASIS or attached hereto as Exhibit A, and used to evaluate the solicitation responses.
- 2.11 “Refurbished reused or recycled”** means old or used computer equipment that has been restored to like-new working condition and/or appearance or computer devices that have been sent back to the factory to fix a flaw.
- 2.12 “Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
- 2.13 “TPM”** means Trusted Platform Module
- 2.14 “Absolute DDS”** means Absolute Data and Device Security with Bios Enabled data and asset protection tool integrated deep within a computer, helps detect and enforce compliance and accountability for at-risk data on devices, and assists in recovery efforts.
- 2.15 “HDD”** means Hard Disk Drive
- 2.16 “SSD”** means Solid State Drive
- 2.17 “OEM”** means Original Equipment Manufacturer
- 2.18 “Vendor”** means any entity submitting a bid in response to this solicitation, the entity that has been selected as the lowest responsible vendor, or the entity that has been awarded the Contract as context requires.
- 2.19 “OS”** means Operating System
- 2.20 “MB”** means Megabyte
- 2.21 “GB”** means Gigabyte
- 2.22 “DVD/RW”** means a disc drive that can read and record DVDs
- 2.23 “USB”** means Universal Serial Bus

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**2.24 “PCI-E”** means Peripheral Component Interconnect Express

**2.25 “HD”** means High Definition

**2.26 “HDMI”** means High Definition Multimedia Interface

**2.27 “DVI”** means Digital Visual Interface

**2.28 “VGA”** means Video Graphics Array

**2.29 “LAN”** means Local Area Network

**2.30 “TB”** means Terabyte

**2.31 “SATA”** means Serial AT Attachment

**2.32 “FIPS-201”** means Federal Information Processing Standard Publication 201

**3. GENERAL REQUIREMENTS:**

**3.1 Contract Items and Mandatory Requirements:** Vendor shall provide Agency with the Contract Items listed below on an open-end and continuing basis. Contract Items must meet or exceed the mandatory requirements as shown below.

**3.1.1 All platforms in this solicitation must be offered with the same operating system.**

**3.1.2 Standard PC:**

**3.1.2.1 Operating System:** Windows 10 Professional or equal business class operating system with graphical user interface capable of running applications in both 64 and 32-bit architecture.

**3.1.2.2 Processor:** Latest generation process technology, minimum Intel Core i5 or equal with minimum 4 cores and 6MB cache

**3.1.2.3 RAM:** Minimum 8GB Single DIMM, expandable up to 16GB

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**3.1.2.4** Hard Drive: Minimum 500GB HDD

**3.1.2.5** Keyboard: USB or Wireless

**3.1.2.6** Mouse: USB or Wireless, 2-button with scroll

**3.1.2.7** Optical Drive: Internal DVD/RW

**3.1.2.8** USB Ports: Minimum 4 USB ports; at least 2 USB v3.0 or C

**3.1.2.9** Expansion Slots: Minimum 2 slots available PCI-E

**3.1.2.10** Display/Graphics: Integrated HD Graphics with Dual Monitor Support. HDMI or Display port may be substituted as long as adapters are included to support DVI and VGA.

**3.1.2.11** Network Interface: Integrated Gigabit Ethernet (10/100/1000) Card, Wake on Lan

**3.1.2.12** TPM Version 2.0

**3.1.2.13** Warranty: Four year onsite: minimum onsite/next day, to cover a minimum of hardware, keyboards, monitors or other issues related to internal components. Parts and labor for repairs included at no additional charge.

**3.1.2.14** Absolute DDS or equal - Complete 5 years. Five years begins at activation of license and lasts for five (5) calendar years from activation date.

**3.1.2.15** Energy Consumption: Unit must be ENERGY Star Certified

**3.1.3** **POWER PC:**

**3.1.3.1** Operating System: Windows 10 Professional or equal business class operating system with graphical user interface capable of running applications in both 64 and 32-bit architecture.

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- 3.1.3.2** Processor: Latest generation processor technology, minimum Intel Core i7 Processor or equal, 4 cores and minimum 8MB cache.
- 3.1.3.3** RAM: Minimum 16GB, with free slots, expandable up to 32GB
- 3.1.3.4** Hard Drive: Minimum 256GB HDD
- 3.1.3.5** Keyboard: USB or Wireless
- 3.1.3.6** Mouse: USB or Wireless, 2-button with scroll
- 3.1.3.7** Optical Drive: Internal DVD/RW
- 3.1.3.8** USB Ports: Minimum 4 USB ports; at least 2 USB v3.0 or C
- 3.1.3.9** Expansion Slots: Minimum 2 slots available PCI-E
- 3.1.3.10** Display/Graphics: Integrated HD Graphics with Dual Monitor Support. HDMI or Display port may be substituted as long as adapters are included to support DVI and VGA.
- 3.1.3.11** Network Interface: Integrated Gigabit Ethernet (10/100/1000) Card, Wake on Lan
- 3.1.3.12** TPM Version 2.0
- 3.1.3.13** Warranty: Four year onsite: minimum onsite/next day, to cover a minimum of hardware, keyboards, monitors or other issues related to internal components. Parts and labor for repairs included at no additional cost.
- 3.1.3.14** Absolute DDS or equal - Complete 5 years. Five years begins at activation of license and lasts for five (5) calendar years from activation date.
- 3.1.3.15** Energy Consumption: Unit must be ENERGY Star Certified

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**3.1.4 FIXED WORKSTATION:**

**3.1.4.1** Chassis: Full size tower

**3.1.4.2** Operating System: Windows 10 Professional or equal business class operating system with graphical user interface capable of running applications in both 64 and 32-bit architecture.

**3.1.4.3** Processor: Latest generation processor technology, minimum Intel Xeon or equal with minimum 8 cores and 11MB cache.

**3.1.4.4** RAM: Minimum 32GB, with free slots, expandable up to 128GB

**3.1.4.5** Hard Drive: Minimum 256GB SSD Primary Drive minimum and 1TB SATA HDD Secondary

**3.1.4.6** Keyboard: USB or Wireless

**3.1.4.7** Mouse: USB or Wireless, 2-button with scroll

**3.1.4.8** Power Supply: Minimum of 600w or greater

**3.1.4.9** Optical Drive: Internal DVD/RW

**3.1.4.10** USB Ports: Minimum 4 USB ports; at least 2 USB v3.0 or C

**3.1.4.11** Expansion Slots: 4 slots available PCI-E

**3.1.4.12** Video: Installed 2GB (non-shared memory), discreet, DVI-D and/or Display Port Dual Link Monitor capable, support for DirectX 11, with minimum color depth 24bit.

**3.1.4.13** Network Interface: Integrated Gigabit Ethernet (10/100/1000) Card, Wake on Lan

**3.1.4.14** TPM Version 2.0

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**3.1.4.15** Warranty: Four year onsite: minimum onsite/next day, to cover a minimum of hardware, keyboards, monitors or other issues related to internal components. Parts and labor for repairs included at no additional cost.

**3.1.4.16** Data and Device Security: Absolute DDS or equal – Complete 5 years. Five years begins at activation of license and lasts for five (5) calendar years from activation date.

**3.1.4.17** Energy Consumption: Unit must be ENERGY Star Certified

**3.1.5 STANDARD LAPTOP:**

**3.1.5.1** Operating System: Windows 10 Professional or equal business class operating system with graphical user interface capable of running applications in both 64 and 32-bit architecture.

**3.1.5.2** Processor: Latest generation processor technology, minimum Intel Core i5 Processor or equal with a minimum of 4 cores and 6MB cache.

**3.1.5.3** RAM: Minimum 8GB Single DIMM, expandable up to 16GB

**3.1.5.4** Hard Drive: Minimum 500GB HDD, upgrade option to SSD

**3.1.5.5** Camera: Integrated Webcam

**3.1.5.6** USB Ports: Minimum 3 USB ports; with a minimum of 1 USB v3.0 and 1 USBC (charging)

**3.1.5.7** Display/Graphics: Integrated HD Graphics, 15” display or greater

**3.1.5.8** Network Interface: Integrated Gigabit Ethernet (10/100/1000) Card, Wake on Lan



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**3.1.5.9** Wireless Adapter: Supports 802.11ac (2x2) Wi-Fi and Bluetooth 4.2

**3.1.5.10** Smart Card Reader: Integrated FIPS-201 compliant Smart Card Reader

**3.1.5.11** Power: A/C Adapter

**3.1.5.12** TPM Version 2.0

**3.1.5.13** Warranty: Four year onsite: minimum onsite/next day, to cover a minimum of hardware, keyboards, monitors or other issues related to internal components. Parts and labor for repairs included at no additional cost.

**3.1.5.14** Data and Device Security: Absolute DDS or equal – Complete 5 years. Five years begins at activation of license and lasts for five (5) calendar years from activation date.

**3.1.5.15** Energy Consumption: Unit must be ENERGY Star Certified

**3.1.5.16** Optional Optical Drive: Internal DVD/RW

**3.1.6 POWER LAPTOP:**

**3.1.6.1** Operating System: Windows 10 Professional or equal business class operating system with graphical user interface capable of running applications in both 64 and 32-bit architecture.

**3.1.6.2** Processor: Latest generation processor technology, minimum Intel Core i7 Processor or equal with a minimum of 4 cores and 8MB cache.

**3.1.6.3** RAM: Minimum 16GB Single DIMM, expandable up to 32GB

**3.1.6.4** Hard Drive: Minimum 256GB SSD

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- 3.1.6.5** Camera: Integrated Webcam
- 3.1.6.6** USB Ports: Minimum 3 USB ports; minimum of 1 USB v3.0 and 1 USBC (charging)
- 3.1.6.7** Display/Graphics: Integrated HD Graphics, 15” display or greater
- 3.1.6.8** Network Interface: Integrated Gigabit Ethernet (10/100/1000) Card, Wake on Lan
- 3.1.6.9** Wireless Adapter: Supports 802.11ac (2x2) Wi-Fi and Bluetooth 4.2
- 3.1.6.10** Smart Card Reader: Integrated FIPS-201 compliant Smart Card Reader
- 3.1.6.11** Power: A/C Adapter
- 3.1.6.12** TPM Version 2.0
- 3.1.6.13** Warranty: Four year onsite: minimum onsite/next day, to cover a minimum of hardware, keyboards, monitors or other issues related to internal components. Parts and labor for repairs included at no additional cost.
- 3.1.6.14** Data and Device Security: Absolute DDS or equal – Complete 5 years. Five years begins at activation of license and lasts for five (5) calendar years from activation date.
- 3.1.6.15** Energy Consumption: Unit must be ENERGY Star Certified
- 3.1.6.16** Optional Optical Drive: Internal DVD/RW

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**3.1.7 TABLET PC:**

- 3.1.7.1** Operating System: Windows 10 Professional or equal business class operating system with graphical user interface capable of running applications in both 64 and 32-bit architecture.
- 3.1.7.2** Processor: Latest generation processor technology, minimum Intel Core i7 Processor or equal with 4 cores and 8MB cache.
- 3.1.7.3** RAM: Minimum 8GB
- 3.1.7.4** Hard Drive: Minimum 256GB SSD, upgrade option to 512B SSD
- 3.1.7.5** Keyboard: Backlit
- 3.1.7.6** Mouse: Glide or Trackpad
- 3.1.7.7** Camera: Integrated Webcam, front and rear facing
- 3.1.7.8** USB Ports: Minimum 1 USB v3.0 and 1 USBC (charging)
- 3.1.7.9** Display/Graphics: Integrated HD Graphics, 13” display or greater
- 3.1.7.10** Wireless Adapter: Supports 802.11ac (2x2) Wi-Fi and Bluetooth 4.2
- 3.1.7.11** Smart Card Reader: Integrated FIPS-201 compliant Smart Card Reader
- 3.1.7.12** Power: A/C Adapter
- 3.1.7.13** TPM Version 2.0
- 3.1.7.14** Warranty: Four year onsite: minimum onsite/next day, to cover a minimum of hardware, keyboards, monitors or other issues related to internal components. Parts and labor for repairs included.

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**3.1.7.15** Data and Device Security: Absolute DDS or equal – Complete 5 years. Five years begins at activation of license and lasts for five (5) calendar years from activation date.

**3.1.7.16** Energy Consumption: Unit must be ENERGY Star Certified

**3.1.8 OPTIONAL COMPONENTS AND SERVICES**

**3.1.8.1 MONITORS:**

**3.1.8.1.1** Flat Panel Monitor 20” or greater, Aspect Ratio of 16:9 or greater, Minimum Resolution 1600x900

**3.1.8.1.2** Flat Panel Monitor 24”, Aspect Ratio of 16:9 or greater, Minimum Resolution 1920x1080

**3.1.8.1.3** Flat Panel Monitor 27”, Aspect Ratio of 16:9 or greater, Minimum Resolution 1920x1080

**3.1.8.2** Docking Station for Standard Laptop: Optional OEM USB-C Powered Docking Station compatible with Standard Laptop. Must support dual monitors, HDMI or Display port may be substituted as long as adapters are included to support DVI and VGA. Docking stations from 3rd party manufacturers are not acceptable.

**3.1.8.3** Docking Station for Power Laptop: Optional OEM USB-C Powered Docking Station compatible with Power Laptop. Must support dual monitors, HDMI or Display port may be substituted as long as adapters are included to support DVI and VGA. Docking stations from 3rd party manufacturers are not acceptable.

**3.1.8.4** Docking Station for Tablet: Optional OEM USB-C Powered Docking Station compatible with Tablet. Must support dual monitors, HDMI or Display port may be substituted as long as adapters are included to support DVI and VGA. Docking stations from 3rd party manufacturers are not acceptable.

**3.1.8.5** Optional DVD/RW Drive: If DVD/RW drive is not an internal component to the Standard Laptop and Power Laptop, the Vendor should provide pricing for an optional external DVD/RW drive.

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**3.1.8.6** Optional Accidental Damage Coverage for all mobile equipment to cover everything the standard four-year warranty does not cover.

**3.1.8.7** Optional 512GB SSD 2.5”

**3.1.8.8** Optional Video Card Upgrade for Fixed Workstation: Vendor must provide an optional upgraded video card that can be used in the Fixed Workstation. The video card must be a minimum 8GB internal memory graphics card NVIDIA Quadro or GTX, or equal, with capabilities to run professional computer-aided design, computer-generated imagery, and digital content creation applications.

**3.1.9 MISCELLANEOUS MANDATORY REQUIREMENTS**

**3.1.9.1 Technical Requirements:**

**3.1.9.1.1** All computers provided under this contract must be business-class machines, as specified in Section 2 of these specifications

**3.1.9.1.2** All computing equipment offered in the Vendor’s response must be OEM products. Vendors must provide detailed specification sheets for all proposed products upon request. It is preferred that specification sheets be submitted with the bid. Vendors who fail to provide the required specification sheets within the allotted timeframe will be disqualified.

**3.1.9.1.3** All new equipment must be delivered to the State with **new** components only, not refurbished, used or recycled components. If providing replacement parts, the WVOT, while preferring new parts, will accept “like new” refurbished parts with the same warranty offered for new parts. Shipping cost for returns must be paid by vendor.

**3.1.9.1.4** All hardware provided under this contract must be a minimum of Energy Star 5.0 compliant.

**3.1.9.1.5** All Desktops and Monitors must meet minimum Electronic Product Environmental Assessment Tool (EPEAT) Silver certification. The vendor must provide documentation proving level of certification with specification sheets upon request. The Vendor must ensure equipment meets the latest EPEAT registration requirements before it is delivered. It is preferred certification documentation be provided with the bid.

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- 3.1.9.1.6** Vendor must stock spare parts for ALL proposed equipment, for the duration of the warranty period.
- 3.1.9.1.7** Each model provided under this contract must have consistent hardware configurations, meaning that all machines of the same make or model must have the same components.
- 3.1.9.1.8** Vendor must inform the State in writing, sixty (60) days prior to replacement, of any platform revisions it intends to make. Written notification may be made by e-mail and sent to [OTPCContract@wv.gov](mailto:OTPCContract@wv.gov).
- 3.1.9.1.9** Vendor must provide at no additional charge the State with two (2) free of charge units of all initial and subsequent replacement PC, laptop, and tablet contract models. The State will use this time to test the equipment and images. It is the State's right to accept or reject any proposed model replacements.
- 3.1.9.1.10** Vendor must guarantee that any replacement units meet, or exceed, the current model's specifications. Vendor must guarantee any proposed replacement units are of equivalent pricing (equal to, or less than) to initially bid units.
- 3.1.9.1.11** Current models must be available for purchase by the State, until the proposed replacement units have been approved by the State and a Change Order has been fully executed.
- 3.1.9.1.12** If the computing equipment experiences "repeated failure" in the first year of ownership, the Vendor must replace the computing unit with a new unit of the same make and model or a model equal to or better than what is currently provided under the contract.
- 3.1.9.1.12.1** The State defines "repeated failure" to be, at a minimum, the following: three instances of parts failure with no more than two instances on the same part within one year after the machine is installed.
- 3.1.9.1.13** The State must have the ability to remove the hard drive before returning any equipment to the Vendor.

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**3.1.9.2 Shipping, Ordering, Billing:**

**3.1.9.2.1** Vendor must provide Next Business Day (NBD) delivery of replacement parts for all equipment.

**3.1.9.2.2** Vendor must provide immediate replacement equipment for any new machines which do not function properly out of the box, at no cost to the Agency, within five (5) business days

**3.1.9.3 Support and Contacts:**

**3.1.9.3.1** Vendor must identify by name and location the proposed primary account representative and immediate supervisor who shall be responsible for the performance of the contract. Such notification may be included in the bid response but must be provided within no less than five (5) business days from the date of contract award. Vendor must immediately notify the Office of Technology and the WV Purchasing Division if/when these contacts change.

**3.1.9.3.2** The successful vendor must provide a customer support telephone number Monday-Friday 8:00 AM to 5:00 PM EST to resolve billing and shipping issues. Billing issues shall be resolved within five (5) business days.

**3.1.9.3.3** Vendor must provide direct, via telephone, second level technical access to support all equipment offered.

**3.1.9.3.4** Vendor must provide a parts and support website for access by State technical staff.

**3.1.9.3.5** Vendor must provide the State of West Virginia Office of Technology and the Purchasing Division with a detailed, quarterly report in excel format indicating the State Agency, model, serial number(s), cost, and delivery location for all purchases made under the contract. The report shall also include a listing of all service calls associated with this agreement, including the location and nature of service required. These reports must be sent to [OTPurchasingRequest@wv.gov](mailto:OTPurchasingRequest@wv.gov)

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**3.1.9.3.6** The Vendor must agree to establish Quarterly Reviews and/or mutually agreed upon calls to discuss contract issues, questions, concerns, and performance.

**4. CONTRACT AWARD:**

**4.1 Contract Award:** The Contract is intended to provide Agencies with a purchase price on all Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest overall total cost as shown in the Pricing Pages and wvOASIS.

Renewal options for years 2, 3, and 4 will be initiated by the Agency, agreed to by the Vendor and processed by the West Virginia Purchasing Division as Change Orders for subsequent years.

**4.2 Pricing Pages:** Vendor should complete the Pricing Pages by filling in the price per requested unit. Vendor should complete the Pricing Pages in their entirety as failure to do so may result in Vendor's bids being disqualified.

**4.2.1** The Pricing Pages contain a list of the Contract Items and estimated purchase volume. The estimated purchase volume for each item represents the approximate annual volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied.

**4.2.2** Vendor should electronically enter the information into the Pricing Pages through wvOASIS, if available, or as an electronic document. In most cases, the Vendor can request an electronic copy of the Pricing Pages for bid purposes if unable to access the one provided in wvOasis by sending an email request to the following address: [Mark.A.Atkins@wv.gov](mailto:Mark.A.Atkins@wv.gov)

**4.2.3** Vendor should provide with their bid a copy of any Software Terms and Conditions or licenses that the State of West Virginia or the Agency may have to agree or accept as a part of this solicitation. Vendor will be required to provide before a Purchase Order is issued.

**4.2.4** Vendor should include with their bid a copy of any and all Maintenance Terms and Conditions or Licenses that the State of West Virginia or the Agency may be required to agree or accept as a part of this solicitation. Vendor will be required to provide before a Purchase Order is issued.



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**5 ORDERING AND PAYMENT:**

**5.1 Ordering:** Vendor shall accept orders through wvOASIS, regular mail, facsimile, e-mail, or any other written form of communication. Vendor may, but is not required to, accept on-line orders through a secure internet ordering portal/website. If Vendor has the ability to accept on-line orders, it should include in its response a brief description of how Agencies may utilize the on-line ordering system. Vendor shall ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line.

**5.2 Payment:** Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

**6 DELIVERY AND RETURN:**

**6.1 Delivery Time:** Vendor shall deliver standard orders within sixteen (16) working days after orders are received. Vendor shall deliver emergency orders within five (5) working days after orders are received. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met.

**6.2 Late Delivery:** The Agency placing the order under this Contract must be notified in writing if orders will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the delayed order, and/or obtaining the items ordered from a third party.

**6.2.1** Any Agency seeking to obtain items from a third party under this provision must first obtain approval of the Purchasing Division.

**6.3 Delivery Payment/Risk of Loss:** Standard order delivery shall be FOB destination to the Agency's location. Vendor shall include the cost of standard order delivery charges in its bid pricing/discount and is not permitted to charge the Agency separately for such delivery. The Agency will pay delivery charges on all emergency orders provided that Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.

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**6.4 Return of Unacceptable Items:** If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable, or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be FOB the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion. **Return Due to Agency Error:** Items ordered in error by the Agency will be returned for credit within thirty (30) days of receipt, FOB Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

**7 VENDOR DEFAULT:**

**7.1** The following shall be considered a vendor default under this Contract.

- 7.1.1** Failure to provide Contract Items in accordance with the requirements contained herein.
- 7.1.2** Failure to comply with other specifications and requirements contained herein.
- 7.1.3** Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.
- 7.1.4** Failure to remedy deficient performance upon request.

**7.2** The following remedies shall be available to Agency upon default.

- 7.2.1** Immediate cancellation of the Contract.
- 7.2.2** Immediate cancellation of one or more release orders issued under this Contract.
- 7.2.3** Any other remedies available in law or equity.

**8 MISCELLANEOUS:**

**8.1 No Substitutions:** Vendor shall supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.

**CRFQ 0212 SWC1900000001**  
**STATEWIDE CONTRACT – IP19**  
**COMPUTERS AND PERIPHERALS**  
(Revised 9/18/2018)

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**8.2 Vendor Supply:** Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.

**8.3 Reports:** Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.

**8.4 Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

**Contract Manager:** Charlie JORDAN  
**Telephone Number:** 304-237-8282  
**Fax Number:** 218-227-0498  
**Email Address:** Cjordan@bytcspeed.com

EXHIBIT\_A PRICING PAGE -- Revised 9-10-2018

CRFQ 0212 SWC190000001

(IP19) COMPUTERS AND PERIPHERALS

Est. Quantity	Specification	Manufacturer Name	Manufacturer Part Number	Item Description	Extended Description	Unit of		
						Measure	List Price	Extended Price
4000	3.1.2	ByteSpeed	H310	Standard PC	ByteSpeed Value H310M (8th Gen Intel i5 Processor, 8GB Memory, 1TB HDD, Z583 Chassis, USB Keyboard & Mouse, 24X DVD RW, VGA, DVI, 2xUSB 3.1, 4xUSB 2.0, Win10, 5-Year Warranty and Absolute DDS)	EA	\$ 651.00	\$ 2,604,000.00
4000	3.1.2	ByteSpeed	H310i	Standard PC	ByteSpeed Value H310i (8th Gen Intel i5 Processor, 8GB Memory, 1TB HDD, BM650 Chassis, USB Keyboard & Mouse, 24X DVD RW, VGA/DVI/HDMI, 2xUSB 3.1, 2xUSB 2.0, Win10, 5-Year Warranty and Absolute DDS)	EA	\$ 651.00	\$ 2,604,000.00
4000	3.1.2	ByteSpeed	NUCBNH	Standard PC	ByteSpeed NUC 7 BNH MiniPC (Intel i5, 8GB Memory, 1TB Hybrid, USB Keyboard & Mouse, HDMI, USB-C (DP 1.2), 4xUSB3.0, WIFI, Win10, 5-Year Warranty and Absolute DDS)	EA	\$ 683.00	\$ 2,732,000.00
1000	3.1.3	ByteSpeed	H310	Power PC	ByteSpeed Value H310M (8th Gen Intel i7 Processor, 16GB Memory, 250GB SSD, Z583 Chassis, USB Keyboard & Mouse, 24X DVD RW, VGA, DVI, 2xUSB 3.1, 4xUSB 2.0, Win10, 5-Year Warranty) and Absolute DDS	EA	\$ 952.00	\$ 952,000.00
1000	3.1.4	ByteSpeed	H310i	Power PC	ByteSpeed Value H310i (8th Gen Intel i7 Processor, 16GB Memory, 250GB SSD, BM650 Chassis, USB Keyboard & Mouse, 24X DVD RW, VGA/DVI/HDMI, 2xUSB 3.1, 2xUSB 2.0, Win10, 5-Year Warranty and Absolute DDS)	EA	\$ 952.00	\$ 952,000.00
1000	3.1.5	ByteSpeed	NUCHNK	Power PC	ByteSpeed Extreme NUC HNK (8th Gen i7 Processor, 16GB Memory, 250GB SSD, USB Keyboard & Mouse, 2xHDMI, 2xMDP, 2xUSB-C, 6xUSB3.X, 2xLAN, AMD Graphics, WIFI, Win10, 5-Year Warranty) and Absolute DDS	EA	\$ 1,343.00	\$ 1,343,000.00
500	3.1.4	ByteSpeed	X299W5	Fixed Workstation	ByteSpeed Workstation X299 (8th Gen Intel i7 Processor, 32GB Memory, 250GB SSD + 1TB HDD, PNY Quadro P620 Video Card, Cooler Master 650W Power Supply, Intel BXTS13A Cooling Fan/Heat Sink, USB Keyboard & Mouse, 24X DVD RW, Win10, 5-Year Warranty and Absolute DDS)	EA	\$ 1,964.00	\$ 982,000.00
2000	3.1.5	Microsoft	FVG-00001	Standard Laptop	Microsoft Surface Book 2 (15" Touch, i7-8650U 16GB 512GBSSD WIN10PRO GTX1060 6GB, 4yr warranty, and Absolute DDS)	EA	\$ 2,595.00	\$ 5,190,000.00
1000	3.1.6	Microsoft	FVG-00001	Power Laptop	Microsoft Surface Book 2 (15" Touch, i7-8650U 16GB 512GBSSD WIN10PRO GTX1060 6GB, 4yr warranty, and Absolute DDS)	EA	\$ 2,595.00	\$ 2,595,000.00
500	3.1.7	Microsoft	HN6-00001	Tablet	Microsoft Surface Book 2 (13.5" TOUCH i7-8650U 8GB 256GBSSD WIN10PRO GTX1050 2GB, 4yr warranty, and Absolute DDS)	EA	\$ 1,955.00	\$ 977,500.00
1000	3.1.8.1.1	ASUS	7552283	20" Monitor	ASUS 21.5" LED LCD 16:9 1920x1080 Monitor, 3yr ByteSpeed warranty	EA	\$ 117.00	\$ 117,000.00
500	3.1.8.1.2	ASUS	7552401	24" Monitor	ASUS 24" LED LCD w/Speakers 16:9 1920x1080 Monitor, 3yr ByteSpeed warranty	EA	\$ 145.00	\$ 72,500.00
500	3.1.8.1.3	ASUS	7552725	27" Monitor	ASUS 27" LED 16:9 1920x1080 w/Speakers Monitor, 3yr Manufacturer warranty	EA	\$ 189.00	\$ 94,500.00
100	3.1.8.2	Microsoft	01A2005	Dock for Standard Laptop	Microso (2xMDP/ LAN/ 4xUSB3.0/ AUDIO SP3/ SP4/ SBOOK)	EA	\$ 167.00	\$ 16,700.00
100	3.1.8.3	Microsoft	01A2005	Dock for Power Laptop	Microsoft Surface Docking Station (2xMDP/ LAN/ 4xUSB3.0/ AUDIO SP3/ SP4/ SBOOK)	EA	\$ 167.00	\$ 16,700.00
100	3.1.8.4	Microsoft	01A2005	Dock for Tablet	Microsoft Surface Docking Station (2xMDP/ LAN/ 4xUSB3.0/ AUDIO SP3/ SP4/ SBOOK)	EA	\$ 167.00	\$ 16,700.00
100	3.1.8.5	ASUS	45X1060	DVD/RW Drive	ASUS External DVD RW Drive USB 2.0	EA	\$ 34.00	\$ 3,400.00
100	3.1.8.6	Microsoft	HP3-00029	Accidental Damage Coverage	4 YEAR EXTENDED HARDWARE SUPPORT With ADP FOR SURFACE BOOK	EA	\$ 350.00	\$ 35,000.00
100	3.1.8.7	Samsung	35Z1526	512 GB SSD 2.5"	Samsung 860 Evo 500GB SSD	EA	\$ 130.00	\$ 13,000.00
100	3.1.8.8	PNY	3053875	Upgraded Video Card	PNY QUADRO P1000 4GB GDDR5, 4 x mDP, PCIe 3.0 x16, FH & LP, MIN 300W	EA	\$ 334.00	\$ 33,400.00

Vendor Name: [ByteSpeed](#)  
 Contact Name: [Charlie Jordan](#)  
 Email: [cjordan@bytespeed.com](mailto:cjordan@bytespeed.com)  
 Phone: [877-553-0777](tel:877-553-0777)



Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

State of West Virginia  
 Request for Quotation  
 21 — Info Technology

Proc Folder: 481611

Doc Description: ADDENDUM\_3: (IP19) Statewide Contract: Computer Equip. & Acc

Proc Type: Statewide MA (Open End)

Date Issued	Solicitation Closes	Solicitation No	Version
2018-09-18	2018-09-26 13:30:00	CRFQ 0212 SWC1900000001	4

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

Vendor Name, Address and Telephone Number:

ByteSpeed  
 3131 24th Ave S  
 Moorhead, MN 56560  
 877-553-0777

**FOR INFORMATION CONTACT THE BUYER**

Mark A Atkins  
 (304) 558-2307  
 mark.a.atkins@wv.gov

Signature X

FEIN # 45-0456218

DATE 9/21/18

All offers subject to all terms and conditions contained in this solicitation

**ADDITIONAL INFORMATION:**

ADDENDUM 3: Is issued for the following:

To revise Specification 3.1.4.4 to read "expandable to 64GB" to now read "expandable to 128GB"  
 To publish the Specifications revised 9/18/2018 to include the new language for 3.1.4.4.

No other changes made.

The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Office of Technology (WVOT) to establish an open-end Statewide Contract for the purchase of Computers and Peripherals per the attached documents.

INVOICE TO		SHIP TO	
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Standard PC	4000.00000	EA	\$651/ea	\$2,604,000.00

Comm Code	Manufacturer	Specification	Model #
43210000	ByteSpeed	ByteSpeed Value H310i Desktop	H310i

Extended Description :  
 3.1.2 Standard PC ByteSpeed Value H310i (8th Intel i5 Processor, 8GB Memory, 1TB HDD, BM650 Chassis, USB Keyboard & Mouse, 24X DVDRW, VGA/DVI/HDMI, 2xUSB 3.1, 2xUSB 2.0, Win10, 5-Year Warranty), Absolute DDS

INVOICE TO		SHIP TO	
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Power PC	1000.00000	EA	\$952/ea	\$952,000.00

Comm Code	Manufacturer	Specification	Model #
43210000	ByteSpeed	ByteSpeed Value H310i Desktop	H310i

Extended Description :  
 3.1.3 Power PC ByteSpeed Value H310i (8th Intel i7 Processor, 16GB Memory, 250GB SSD, BM650 Chassis, USB Keyboard & Mouse, 24X DVDRW, VGA/DVI/HDMI, 2xUSB 3.1, 2xUSB 2.0, Win10, 5-Year Warranty), Absolute DDS

INVOICE TO		SHIP TO	
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Fixed Workstation	500.00000	EA	\$1 964.00/ea	\$982,000.00

Comm Code	Manufacturer	Specification	Model #
43210000	ByteSpeed	ByteSpeed Workstation X299	X299WS

**Extended Description :** ByteSpeed Workstation X299 (8th Gen Intel i7 Processor, 32GB Memory, 250GB SSD + 1TB HDD, PNY Quadro P620 Video Card, Cooler Master 650W Power Supply, Intel BXTS13A Cooling Fan/Heat Sink, USB Keyboard & Mouse, 24X DVDRW, Win10, 5-Year Warranty), Absolute DDS

3.1.4 Fixed Workstation

INVOICE TO		SHIP TO	
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	Standard Laptop	2000.00000	EA	\$2,595.00/ea	\$5,190,000.00

Comm Code	Manufacturer	Specification	Model #
43210000	Microsoft	Microsoft Surface Book 2	FVG-00001

**Extended Description :** Microsoft Surface Book 2 (15" touch, i7-8650U 16GB 512GBSSD WIN10PRO GTX1060 6GB). Absolute DDS, 4-Year Manuf warranty

3.1.5 Standard Laptop

INVOICE TO		SHIP TO	
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	Power Laptop	1000.00000	EA	\$2,595.00/ea	\$2,595,000.00

Comm Code	Manufacturer	Specification	Model #
43210000	Microsoft	Microsoft Surface Book 2	FVG-00001

Extended Description :  
3.1.6 Power Laptop Microsoft Surface Book 2 (15" touch, i7-8650U 16GB 512GBSSD WIN10PRO GTX1060 6GB), Absolute DDS, 4-Year Manuf warranty

INVOICE TO	SHIP TO
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER	STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER
No City WV99999	No City WV 99999
US	US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
6	Tablet PC	500.00000	EA	\$1,955.00/ea	\$977,500.00

Comm Code	Manufacturer	Specification	Model #
43210000	Microsoft	Microsoft Surface Book 2	HN6-00001

Extended Description :  
3.1.7 Tablet PC Microsoft Surface Book 2 (13.5" TOUCH i7-8650U 8GB 256GBSSD WIN10PRO GTX1050 2GB), Absolute DDS, 4-Year Manuf warranty

INVOICE TO	SHIP TO
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER	STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER
No City WV99999	No City WV 99999
US	US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
7	20" Monitor	1000.00000	EA	\$117.00/ea	\$117,000.00

Comm Code	Manufacturer	Specification	Model #
43210000	ASUS	ASUS 21.5" Monitor	75S2283

Extended Description :  
3.1.8.1.1 20" Monitor ASUS 21.5" LED LCD 16:9 1920x1080 Monitor, 3yr ByteSpeed warranty



INVOICE TO		SHIP TO	
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
8	24" Monitor	500.00000	EA	\$145/ea	\$72,500.00

Comm Code	Manufacturer	Specification	Model #
43210000	ASUS	24" ASUS Monitor	75S2401

Extended Description : ASUS 24" LED LCD w/Speakers 16:9 1920x1080 Monitor 3yr ByteSpeed warranty  
3.1.8.1.2 24" Monitor

INVOICE TO		SHIP TO	
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
9	27" Monitor	500.00000	EA	\$189/ea	\$94,500.00

Comm Code	Manufacturer	Specification	Model #
43210000	ASUS	ASUS 27" Monitor	75S2725

Extended Description : ASUS 27" LED 16:9 1920x1080 w/Speakers Monitor 3yr Manufacturer warranty  
3.1.8.1.3 27" Monitor

INVOICE TO		SHIP TO	
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
10	Docking Station for Standard Laptop	100.00000	EA	\$167/ea	\$16,700.00

Comm Code	Manufacturer	Specification	Model #
43210000	Microsoft	Microsoft Surface Docking Station	01A2005

**Extended Description :**

1.8.2 Docking Station for Standard Laptop **Microsoft Surface Docking Station (2xmDP/ LAN/ 4xUSB3.0/ AUDIO SP3/ SP4/ SBOOK)**

INVOICE TO	SHIP TO
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER	STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER
No City                                  WV99999	No City                                  WV 99999
US	US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
11	Docking Station for Power Laptop	100.00000	EA	\$167/ea	\$16,700.00

Comm Code	Manufacturer	Specification	Model #
43210000	Microsoft	Microsoft Surface Docking Station	01A2005

**Extended Description :**

3.1.8.3 Docking Station for Power Laptop **Microsoft Surface Docking Station (2xmDP/ LAN/ 4xUSB3.0/ AUDIO SP3/ SP4/ SBOOK)**

INVOICE TO	SHIP TO
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER	STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER
No City                                  WV99999	No City                                  WV 99999
US	US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
12	Docking Station for Tablet PC	100.00000	EA	\$167/ea	\$16,700.00

Comm Code	Manufacturer	Specification	Model #
43210000	Microsoft	Microsoft Surface Docking Station	01A2005

**Extended Description :**

3.1.8.4 Docking Station for Tablet PC **Microsoft Surface Docking Station (2xmDP/ LAN/ 4xUSB3.0/ AUDIO SP3/ SP4/ SBOOK)**

INVOICE TO		SHIP TO	
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
13	Optional: External DVD/RW Drive	100.00000	EA	\$34/ea	\$3,400.00

Comm Code	Manufacturer	Specification	Model #
43210000	ASUS	ASUS External DVDRW	45X1060

Extended Description :  
3.1.8.5 Optional External DVD/RW Drive

INVOICE TO		SHIP TO	
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
14	Accidental Damage Coverage	100.00000	EA	\$350/ea	\$35,000.00

Comm Code	Manufacturer	Specification	Model #
43210000	Microsoft	4yr extended hardware support w/ADP for Surface Book	HP3-000029

Extended Description :  
3.1.8.6 Accidental Damage Coverage

INVOICE TO		SHIP TO	
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
15	512GB SSD 2.5"	100.00000	EA	\$130/ea	\$13,000.00

Comm Code	Manufacturer	Specification	Model #
43210000	Samsung	Samsung 500GB SSD	35Z1526

Extended Description :  
 1.8.7 512GB SSD 2.5" Samsung 860 EVO 500GB SSD

INVOICE TO	SHIP TO
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER	STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER
No City    WV99999	No City    WV 99999
US	US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
16	Upgraded Video Card	100.00000	EA	\$334/ea	\$33,400.00

Comm Code	Manufacturer	Specification	Model #
43210000	PNY	PNY Quadro P1000 Video Card	30S3875

Extended Description :  
 3.1.8.8 Upgraded Video Card PNY QUADRO P1000 4GB GDDR5, 4 x mDP, PCIe 3.0 x16, FH & LP, MIN 300W

SCHEDULE OF EVENTS
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Line	Event	Event Date
1	Technical Questions due by 2:00pm:	2018-09-06

SWC1900000001	<b>Document Phase</b> Final	<b>Document Description</b> ADDENDUM_3: (IP19) Statewide Contract: Computer Equip. & Acc	<b>Page 9</b> of 9
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**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions

## **INSTRUCTIONS TO VENDORS SUBMITTING BIDS**

**1. REVIEW DOCUMENTS THOROUGHLY:** The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

**2. MANDATORY TERMS:** The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

**3. PREBID MEETING:** The item identified below shall apply to this Solicitation.

A pre-bid meeting will not be held prior to bid opening

A **NON-MANDATORY PRE-BID** meeting will be held at the following place and time:

A **MANDATORY PRE-BID** meeting will be held at the following place and time:

All Vendors submitting a bid must attend the mandatory pre-bid meeting. Failure to attend the mandatory pre-bid meeting shall result in disqualification of the Vendor's bid. No one person attending the pre-bid meeting may represent more than one Vendor.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. The State will not accept any other form of proof or documentation to verify attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing.

Additionally, the person attending the pre-bid meeting should include the Vendor's E-Mail address, phone number, and Fax number on the attendance sheet. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

All Vendors should arrive prior to the starting time for the pre-bid. Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in, but are charged with knowing all matters discussed at the pre-bid.

Questions submitted at least five business days prior to a scheduled pre-bid will be discussed at the pre-bid meeting if possible. Any discussions or answers to questions at the pre-bid meeting are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

**4. VENDOR QUESTION DEADLINE:** Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions must be submitted on or before the date listed below and to the address listed below in order to be considered. A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are nonbinding.

Submitted e-mails should have solicitation number in the subject line.

Question Submission Deadline: September 06, 2018 due by 2:00pm EDT

Submit Questions to: Mark Atkins, Senior Buyer  
2019 Washington Street, East  
Charleston, WV 25305  
Fax: (304) 558-4115 (Vendors should not use this fax number for bid submission)  
Email: Mark.A.Atkins@wv.gov

**5. VERBAL COMMUNICATION:** Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

**6. BID SUBMISSION:** All bids must be submitted electronically through wvOASIS or signed and delivered by the Vendor to the Purchasing Division at the address listed below on or before the date and time of the bid opening. Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via e-mail. Acceptable delivery methods include electronic submission via wvOASIS, hand delivery, delivery by courier, or facsimile.

The bid delivery address is:  
Department of Administration, Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305-0130

A bid that is not submitted electronically through wvOASIS should contain the information listed below on the face of the envelope or the bid may be rejected by the Purchasing Division.:

SEALED BID: IP19 Computers and Peripherals  
BUYER: Mark Atkins, File#42  
SOLICITATION NO.: CRFQ 0212 SWC1900000001  
BID OPENING DATE: 09/18/2018  
BID OPENING TIME: 1:30pm EDT  
FAX NUMBER: 304-558-3970

The Purchasing Division may prohibit the submission of bids electronically through wvOASIS at its sole discretion. Such a prohibition will be contained and communicated in the wvOASIS system resulting in the Vendor's inability to submit bids through wvOASIS. Submission of a response to an Expression or Interest or Request for Proposal is not permitted in wvOASIS.

**For Request For Proposal ("RFP") Responses Only:** In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal plus <sup>n/a</sup> convenience copies of each to the Purchasing Division at the address shown above. Additionally, the Vendor should identify the bid type as either a technical or cost proposal on the face of each bid envelope submitted in response to a request for proposal as follows:

BID TYPE: (This only applies to CRFP)

- Technical  
 Cost

**7. BID OPENING:** Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by wvOASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery).

Bid Opening Date and Time: September 18, 2018 @ 1:30pm EDT

Bid Opening Location: Department of Administration, Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305-0130



**8. ADDENDUM ACKNOWLEDGEMENT:** Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

**9. BID FORMATTING:** Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

**10. ALTERNATE MODEL OR BRAND:** Unless the box below is checked, any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.

This Solicitation is based upon a standardized commodity established under W. Va. Code § 5A-3-61. Vendors are expected to bid the standardized commodity identified. Failure to bid the standardized commodity will result in your firm's bid being rejected.

**11. EXCEPTIONS AND CLARIFICATIONS:** The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

**12. COMMUNICATION LIMITATIONS:** In accordance with West Virginia Code of State Rules §148-1-6.6, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

**13. REGISTRATION:** Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.

**14. UNIT PRICE:** Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.

**15. PREFERENCE:** Vendor Preference may be requested in purchases of motor vehicles or construction and maintenance equipment and machinery used in highway and other infrastructure projects. Any request for preference must be submitted in writing with the bid, must specifically identify the preference requested with reference to the applicable subsection of West Virginia Code § 5A-3-37, and should include with the bid any information necessary to evaluate and confirm the applicability of the requested preference. A request form to help facilitate the request can be found at:

<http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf>.

**15A. RECIPROCAL PREFERENCE:** The State of West Virginia applies a reciprocal preference to all solicitations for commodities and printing in accordance with W. Va. Code § 5A-3-37(b). In effect, non-resident vendors receiving a preference in their home states, will see that same preference granted to West Virginia resident vendors bidding against them in West Virginia. A request form to help facilitate the request can be found at:

<http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf>.

**16. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES:** For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

**17. WAIVER OF MINOR IRREGULARITIES:** The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.6.

**18. ELECTRONIC FILE ACCESS RESTRICTIONS:** Vendor must ensure that its submission in wvOASIS can be accessed and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires, and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

**19. NON-RESPONSIBLE:** The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1-5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform, or lacks the integrity and reliability to assure good-faith performance.”

**20. ACCEPTANCE/REJECTION:** The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.5. and § 148-1-6.4.b.”

**21. YOUR SUBMISSION IS A PUBLIC DOCUMENT:** Vendor’s entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

**DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.**

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled “confidential,” “proprietary,” “trade secret,” “private,” or labeled with any other claim against public disclosure of the documents, to include any “trade secrets” as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

**22. INTERESTED PARTY DISCLOSURE:** West Virginia Code § 6D-1-2 requires that the vendor submit to the Purchasing Division a disclosure of interested parties to the contract for all contracts with an actual or estimated value of at least \$1 Million. That disclosure must occur on the form prescribed and approved by the WV Ethics Commission prior to contract award. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

**23. WITH THE BID REQUIREMENTS:** In instances where these specifications require documentation or other information with the bid, and a vendor fails to provide it with the bid, the Director of the Purchasing Division reserves the right to request those items after bid opening and prior to contract award pursuant to the authority to waive minor irregularities in bids or specifications under W. Va. CSR § 148-1-4.6. This authority does not apply to instances where state law mandates receipt with the bid.

## **GENERAL TERMS AND CONDITIONS:**

**1. CONTRACTUAL AGREEMENT:** Issuance of a Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

**2. DEFINITIONS:** As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

**2.1. "Agency" or "Agencies"** means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

**2.2. "Bid" or "Proposal"** means the vendors submitted response to this solicitation.

**2.3. "Contract"** means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

**2.4. "Director"** means the Director of the West Virginia Department of Administration, Purchasing Division.

**2.5. "Purchasing Division"** means the West Virginia Department of Administration, Purchasing Division.

**2.6. "Award Document"** means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

**2.7. "Solicitation"** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

**2.8. "State"** means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

**2.9. "Vendor" or "Vendors"** means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

**3. CONTRACT TERM; RENEWAL; EXTENSION:** The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

**Term Contract**

**Initial Contract Term:** This Contract becomes effective on Upon Award and extends for a period of One (1) year(s).

**Renewal Term:** This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be delivered to the Agency and then submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Unless otherwise specified below, renewal of this Contract is limited to Three (3) successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

**Alternate Renewal Term** – This contract may be renewed for \_\_\_\_\_ successive \_\_\_\_\_ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

**Delivery Order Limitations:** In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

**Fixed Period Contract:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within \_\_\_\_\_ days.

**Fixed Period Contract with Renewals:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within \_\_\_\_\_ days. Upon completion of the work covered by the preceding sentence, the vendor agrees that maintenance, monitoring, or warranty services will be provided for \_\_\_\_\_ year(s) thereafter.

**One Time Purchase:** The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

**Other:** See attached.

**4. NOTICE TO PROCEED:** Vendor shall begin performance of this Contract immediately upon receiving notice to proceed unless otherwise instructed by the Agency. Unless otherwise specified, the fully executed Award Document will be considered notice to proceed.

**5. QUANTITIES:** The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

**Open End Contract:** Quantities listed in this Solicitation are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

**Service:** The scope of the service to be provided will be more clearly defined in the specifications included herewith.

**Combined Service and Goods:** The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

**One Time Purchase:** This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

**6. EMERGENCY PURCHASES:** The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute a breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One Time Purchase contract.

**7. REQUIRED DOCUMENTS:** All of the items checked below must be provided to the Purchasing Division by the Vendor as specified below.

**BID BOND (Construction Only):** Pursuant to the requirements contained in W. Va. Code § 5-22-1(c), All Vendors submitting a bid on a construction project shall furnish a valid bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.

**PERFORMANCE BOND:** The apparent successful Vendor shall provide a performance bond in the amount of 100% of the contract. The performance bond must be received by the Purchasing Division prior to Contract award.

**LABOR/MATERIAL PAYMENT BOND:** The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be delivered to the Purchasing Division prior to Contract award.

In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable. Notwithstanding the foregoing, West Virginia Code § 5-22-1 (d) mandates that a vendor provide a performance and labor/material payment bond for construction projects. Accordingly, substitutions for the performance and labor/material payment bonds for construction projects is not permitted.

**MAINTENANCE BOND:** The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.

**LICENSE(S) / CERTIFICATIONS / PERMITS:** In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits prior to Contract award, in a form acceptable to the Purchasing Division.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications prior to Contract award regardless of whether or not that requirement is listed above.

**8. INSURANCE:** The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below and must include the State as an additional insured on each policy prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether or not that insurance requirement is listed in this section.

Vendor must maintain:

**Commercial General Liability Insurance** in at least an amount of: \$1,000,000.00 per occurrence.

**Automobile Liability Insurance** in at least an amount of: \$1,000,000.00 per occurrence.

**Professional/Malpractice/Errors and Omission Insurance** in at least an amount of: \$1,000,000.00 per occurrence.

**Commercial Crime and Third Party Fidelity Insurance** in an amount of: \_\_\_\_\_ per occurrence.

**Cyber Liability Insurance** in an amount of: \_\_\_\_\_ per occurrence.

**Builders Risk Insurance** in an amount equal to 100% of the amount of the Contract.

**Pollution Insurance** in an amount of: \_\_\_\_\_ per occurrence.

**Aircraft Liability** in an amount of: \_\_\_\_\_ per occurrence.



Notwithstanding anything contained in this section to the contrary, the Director of the Purchasing Division reserves the right to waive the requirement that the State be named as an additional insured on one or more of the Vendor's insurance policies if the Director finds that doing so is in the State's best interest.

**9. WORKERS' COMPENSATION INSURANCE:** The apparent successful Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

**10. [Reserved]**

**11. LIQUIDATED DAMAGES:** This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

\_\_\_\_\_ for \_\_\_\_\_

Liquidated Damages Contained in the Specifications

**12. ACCEPTANCE:** Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

**13. PRICING:** The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification.

**14. PAYMENT IN ARREARS:** Payment in advance is prohibited under this Contract. Payment may only be made after the delivery and acceptance of goods or services. The Vendor shall submit invoices, in arrears.

**15. PAYMENT METHODS:** Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

**16. TAXES:** The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

**17. ADDITIONAL FEES:** Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

**18. FUNDING:** This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available.

**19. CANCELLATION:** The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.b.

**20. TIME:** Time is of the essence with regard to all matters of time and performance in this Contract.

**21. APPLICABLE LAW:** This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code or West Virginia Code of State Rules is void and of no effect.

**22. COMPLIANCE WITH LAWS:** Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

**SUBCONTRACTOR COMPLIANCE:** Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

**23. ARBITRATION:** Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

**24. MODIFICATIONS:** This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

**25. WAIVER:** The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

**26. SUBSEQUENT FORMS:** The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

**27. ASSIGNMENT:** Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

**28. WARRANTY:** The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

**29. STATE EMPLOYEES:** State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

**30. PRIVACY, SECURITY, AND CONFIDENTIALITY:** The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/default.html>.

**31. YOUR SUBMISSION IS A PUBLIC DOCUMENT:** Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

**DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.**

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

**32. LICENSING:** In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

**SUBCONTRACTOR COMPLIANCE:** Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

**33. ANTITRUST:** In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

**34. VENDOR CERTIFICATIONS:** By signing its bid or entering into this Contract, Vendor certifies (1) that its bid or offer was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid or offer for the same material, supplies, equipment or services; (2) that its bid or offer is in all respects fair and without collusion or fraud; (3) that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; and (4) that it has reviewed this Solicitation in its entirety; understands the requirements, terms and conditions, and other information contained herein.

Vendor's signature on its bid or offer also affirms that neither it nor its representatives have any interest, nor shall acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency. The individual signing this bid or offer on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or offer or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

**35. VENDOR RELATIONSHIP:** The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

**36. INDEMNIFICATION:** The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

**37. PURCHASING AFFIDAVIT:** In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State, Vendors are required to sign, notarize, and submit the Purchasing Affidavit to the Purchasing Division affirming under oath that it is not in default on any monetary obligation owed to the state or a political subdivision of the state.

**38. ADDITIONAL AGENCY AND LOCAL GOVERNMENT USE:** This Contract may be utilized by other agencies, spending units, and political subdivisions of the State of West Virginia; county, municipal, and other local government bodies; and school districts (“Other Government Entities”), provided that both the Other Government Entity and the Vendor agree. Any extension of this Contract to the aforementioned Other Government Entities must be on the same prices, terms, and conditions as those offered and agreed to in this Contract, provided that such extension is in compliance with the applicable laws, rules, and ordinances of the Other Government Entity. A refusal to extend this Contract to the Other Government Entities shall not impact or influence the award of this Contract in any manner.

**39. CONFLICT OF INTEREST:** Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

**40. REPORTS:** Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at [purchasing.requisitions@wv.gov](mailto:purchasing.requisitions@wv.gov).

**41. BACKGROUND CHECK:** In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services shall require any service provider whose employees are regularly employed on the grounds or in the buildings of the Capitol complex or who have access to sensitive or critical information to submit to a fingerprint-based state and federal background inquiry through the state repository. The service provider is responsible for any costs associated with the fingerprint-based state and federal background inquiry.

After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision. The State reserves the right to prohibit a service provider’s employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check.

Revised 06/08/2018

Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

**42. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS:** Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
  - c. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
  - d. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

**43. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL:** In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a

“substantial labor surplus area”, as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

**44. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE:** W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the vendor must submit to the Agency a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-award interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.



**DESIGNATED CONTACT:** Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Charlie Jordan, Account Manager  
(Name, Title)  
Charlie Jordan, Account Manager  
(Printed Name and Title)  
3131 24th Ave S., Moorhead, MN 56560  
(Address)  
877-553-0777 / 218-227-0498  
(Phone Number) / (Fax Number)  
cjordan@bytespeed.com  
(email address)

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

ByteSpeed  
(Company)

  
(Authorized Signature) (Representative Name, Title)

Scott Bleth, Vice President  
(Printed Name and Title of Authorized Representative)

September 20, 2018  
(Date)

877-553-0777 / 218-227-0498  
(Phone Number) (Fax Number)

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CRFQ 0212 SWC1900000001**

**Instructions:** Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

**Acknowledgment:** I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

**Addendum Numbers Received:**

(Check the box next to each addendum received)

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7  |
| <input checked="" type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4            | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5            | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

ByteSpeed  
\_\_\_\_\_  
Company  
\_\_\_\_\_  
Authorized Signature  
9.21.18  
\_\_\_\_\_  
Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

West Virginia Ethics Commission  
**Disclosure of Interested Parties to Contracts**

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: ByteSpeed Address: 3131 24th Ave S  
Moorhead, MN 56560

Name of Authorized Agent: \_\_\_\_\_ Address: \_\_\_\_\_

Contract Number: SWC1900000001 Contract Description: Statewide Contract: Computer Equip. & Acc

Governmental agency awarding contract: \_\_\_\_\_

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

**1. Subcontractors or other entities performing work or service under the Contract**

Check here if none, otherwise list entity/individual names below.

**2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)**

Check here if none, otherwise list entity/individual names below.

**3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)**

Check here if none, otherwise list entity/individual names below.

Signature:  Date Signed: 9.19.18

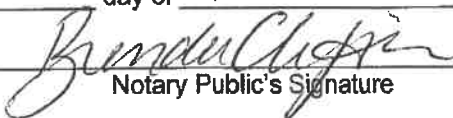
**Notary Verification**

State of Minnesota, County of Clay



I, Scott Bleth, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 19th day of September, 2018.

  
Notary Public's Signature

**To be completed by State Agency:**

Date Received by State Agency: \_\_\_\_\_  
Date submitted to Ethics Commission: \_\_\_\_\_  
Governmental agency submitting Disclosure: \_\_\_\_\_

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**CONSTRUCTION CONTRACTS:** Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

**ALL CONTRACTS:** Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**DEFINITIONS:**

**"Debt"** means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

**"Employer default"** means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

**"Related party"** means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: ByteSpeed

Authorized Signature: [Signature] Date: September 19, 2018

State of Minnesota

County of Clay, to-wit:

Taken, subscribed, and sworn to before me this 19 day of September, 2018.

My Commission expires Jan. 31, 2021



NOTARY PUBLIC [Signature]  
Purchasing Affidavit (Revised 01/19/2018)



We are excited to submit this bid packet to the State of Georgia. In addition to providing outstanding support and personalized service, ByteSpeed offers many benefits over our big-box competition. Here are just a few highlights:

- **Industry Leading Warrantes.** ByteSpeed offers an industry-leading 5-year warranty on desktops and thin clients. Laptops feature a 3-year, 2-year or 1-year warranty (depending on model), plus a 1-year battery warranty. Monitors have a 3-year warranty.
- **FREE Lifetime Tech Support.** We provide lifetime toll-free, web-based, and e-mail support on all ByteSpeed products.
- **FREE On-Site Parts Closet** on quantity purchases for same day replacement of critical parts. If you have a bad part, you can immediately replace it with a part from your parts closet. After we are notified, we'll send you a replacement to replenish your parts closet, as well as a postage-paid return label to mail the bad part back to ByteSpeed.
- **FREE Shipping** on purchases as well as freight both ways on parts under warranty by shipping you a prepaid return label for your defective component.
- **FREE Imaging** of hard disks with custom image, saving you time and money deploying several machines, as well as reducing desktide setup time. We save your image and deploy it on future systems. This includes your pre-loaded software. We will send you one of the systems from your order in advance for you to set up with your software. We will then replicate the image you send back on the rest of your order.
- **FREE Asset Tagging.** ByteSpeed will affix you asset tag number to your systems (this includes a spreadsheet of corresponding serial numbers to be sent with your order) at no additional cost.
- **FREE Custom Bulk Packaging.** ByteSpeed's custom packaging not only reduces shipping costs and transit time (most bulk shipments have two-day transit time using FedEx Freight Priority), but it also enables organizations to deploy IT equipment faster, as well as reduce clutter, waste, storage space, and disposal costs.
- **White Glove Service.** Our experienced certified technicians can save you time and money by fully pre-configuring and enrolling your Chromebook device prior to shipment.
- **Customization Options** include laser engraving, UV printing, and digital decals.
- **Risk-Free Evals.** ByteSpeed offers a 30-Day Risk-Free Evaluation that allows you to test our products and experience our service and support first hand - no strings attached!
- **Asset Tag in BIOS.** We will flash your asset tag number in the system BIOS (This can be useful if you use an asset management software).
- **Descriptive labeling.** We provide serial number and purchase order number on the box.
- **MAC addresses.** We can include a spreadsheet of MAC addresses with corresponding the corresponding Bytespeed serial number.
- **Automated naming.** Name OS automatically to your specifications
- **Free Image Recovery Flash Drive.** Contains your image on flash drive to re-image systems with. (You can use this to recover your systems to their original state in minutes)
- **Flexible Split/Delayed Shipments.** We will offer hassle-free, split or delayed shipments upon request (we can deliver these in one shipment or installments).
- **Flexible Billing Options.** ByteSpeed offers flexible billing options, enabling you to split billing into payments that are more convenient for your school district.
- **ByteSpeed Repair Service.** Customers can call, e-mail, LiveChat, or submit a request for repairs through our on-line portal. Customers can create helpdesk tickets, look up previous RMA's, look up the configuration of a ByteSpeed computer, check tracking information on replacement machines, and more.

We appreciate your consideration and look forward to the opportunity to serve you!

Charlie Jordan, ByteSpeed Account Manager  
cjordan@bytespeed.com | bytespeed.com | 877.553.0777 | Direct: 304.237.8282



**"We love ByteSpeed!!! They are our sole provider and take very good care of us. The nice part of doing business with a smaller U.S. company is that they care. You won't find that kind of service with any of the big manufacturers."**

*- Ken Sims, Technology Coordinator,  
Bellefontaine City School District, Bellefontaine, OH*

### Visit Us Online

We encourage you to visit us online at [www.bytespeed.com](http://www.bytespeed.com) and check out our customer testimonials or contact our references for more info on our quality products and support.

### Did You Know...?

Our certified tech team is located in-house at our Moorhead, MN location. There are no hassles, no holding on the phone, and you can talk to the same technician every time you call!

### "Try a Byte" Today!

We offer a hassle-free 30-day evaluation program to test our products and support.

### Partner Relationships

ByteSpeed has been an Intel Platinum Technology Provider for 16+ years. ByteSpeed is also a Top 25 system builder for Intel, and we are one of the top Direct Microsoft OEM resellers.

### You'll Love the ByteSpeed Advantage

Free shipping, free imaging, free lifetime tech support, risk-free evals, free custom bulk packaging, on-site parts closets, reliability, fast support, and competitive prices. You can't go wrong with ByteSpeed!



The ByteSpeed Value H310M features the newest 8<sup>th</sup> Gen processors and a business motherboard with enhanced security, reliability and manageability. It provides enhanced features to smooth your IT operations, including comprehensive system protection, 24/7 stability and reliability, and ByteSpeed's toll-free no hassle tech support.

**The ByteSpeed Value H310M includes a 5-year ByteSpeed warranty and free lifetime tech support.**



**Product Features:**

- ✓ 8<sup>th</sup> Gen Processors
- ✓ DDR4 support to accelerate memory
- ✓ Ultimate cooling and silent performance
- ✓ 5-year ByteSpeed Warranty



Technology  
Provider  
Platinum 2018



Microsoft Partner  
Gold OEM Hardware

## System Specifications

<b>Board:</b>	ASUS H310M-C
<b>8<sup>th</sup> Gen Processor:</b>	Intel Pentium Gold G5400 Dual Core 3.7GHz Intel i3-8100 Quadcore 3.6GHz Intel i5-8400 Hexacore 2.8GHz Intel i7-8700 Hexacore with Hyperthreading 3.2GHz
<b>Memory:</b>	2x memory slots up to 32GB DDR4
<b>HD/SSD:</b>	1TB SATA 600 Desktop HDD 500GB or 1TB Hybrid HDD SSD Options: 128GB, 256GB, 512GB, 1TB
<b>Graphics:</b>	Intel HD Graphics Technology (standard) Many graphics card upgrades available
<b>LAN:</b>	10/100/1000GB LAN
<b>Speaker:</b>	Dual array mics on the chassis front Headphone/microphone jack on the front panel Up to 7.1 surround audio via HDMI or DisplayPort
<b>TPM/PTT:</b>	Intel PTT

<b>CE685 Chassis:</b>	Dimensions: 13.1" x 3.8" x 14.6" Front Ports: USB 3.0 x 2, USB 2.0 x 2 Back Ports: USB 3.0 x 2, USB 2.0 x 4 Bays: 1x 5.25" External Drive Bay, 1x 3.5" External Drive Bay, 1 3.5" Internal Drive Bay, 1x 2.5" Internal Drive Bay Power Supply: Standard TFX 12V
<b>Z583 Chassis:</b>	Dimensions: 14.3" x 7.1" x 14.6" Front Ports: USB 2.0 x 2 Back Ports: USB 3.0 x 2, USB 2.0 x 4 Bays: 2x 5.25" External Drive Bays, 2x 3.5" External Drive Bays, 1x 3.5" Internal Drive Bay Power Supply: ATX 12V form factor, PS2
<b>703 Chassis:</b>	Dimensions: 17" x 8.3" x 18.8" Front Ports: 2 x USB 2.0, 1 x USB 3.0, HD Audio External Drive Bays: 1 x 5.25", Internal Drive Bays: 4 x 2.5"/3.5", 2 x 5.25", 2 x 2.5" Power Supply: Not included
<b>Warranty:</b>	5 Year ByteSpeed Warranty Free Lifetime Tech Support

The ByteSpeed Value H310i Mini-ITX features the latest 8<sup>th</sup> Generation Intel Core processors with essential ASUS design and engineering, so you benefit from industry-leading technologies, including automated system tuning, comprehensive cooling controls, and immersive onboard audio. Experience data-transfer speeds up to 10X faster than USB 2.0 with instant plug-and-play connectivity, and avoid back-breaking contortions in the hunt for hard-to-reach rear ports.

The ByteSpeed Value H310i includes a 5-year ByteSpeed warranty and free lifetime tech support.



**Product Features:**

- ✓ 8<sup>th</sup> Gen Processors
- ✓ 5-year ByteSpeed Warranty
- ✓ Free Lifetime Tech Support



**ByteSpeed BM650 Mini-ITX chassis**

- Dimensions: 9.10" x 4.40" x 10.40"
- Power Supply: 160W Internal
- Convenient front I/O panel w/easy access to 2x USB 3.0 and 2 audio ports
- 80mm top fan + side, top and rear vents

**ByteSpeed BQ656s Mini-ITX chassis**

- Dimensions: 8.9" x 3" x 7.6"
- Power Supply: 120 External
- Can be easily mounted behind a monitor
- Low power consumption/ minimal noise
- Mesh side panels for better air flow



## System Specifications

<b>Board:</b>	ASUS H310i-Plus/CSM
<b>Processors:</b>	8 <sup>th</sup> Gen Intel i3-8100 Quad Core 8 <sup>th</sup> Gen Intel i5-8400 Hexacore 8 <sup>th</sup> Gen Intel i7-8700 Hexacore
<b>Memory:</b>	Up to 32GB
<b>HD/SSD:</b>	1TB SATA 600 Desktop HDD 500GB or 1TB Hybrid HDD SSD Options: 120GB, 250GB, 500GB, 1TB
<b>Graphics:</b>	Intel UHD Graphics 630 Technology (standard) ASUS GT710 2GB Graphics Card (BM650 only) ASUS GT1030 2GB Graphics Card (BM650 only) PNY Quadro P600 2GB Graphics Card (BM650 only)
<b>Chassis:</b>	BM650 or BQ656s mini-ITX chassis
<b>TPM/PTT:</b>	TPM 2.0 header, Intel PTT Support from processor
<b>LAN:</b>	Gigabit (10/100/1000 Mb/s) LAN subsystem

<b>Speaker:</b>	Headphone/microphone jack on the front panel Up to 7.1 surround audio via HDMI or DisplayPort
<b>Interface:</b>	VGA, DVI-D, HDMI (dual display capable) 2x USB 3.1 Gen 1 up to 5Gbps port(s) 2x USB 2.0/1.1 port(s) (2) ps2 port, serial port, (1) PCIe x 16 BM650 Front Ports: (2) USB 3.0, (2) Audio Ports BQ656s Front Ports: (2) USB 2.0, (2) Audio Ports
<b>ODD:</b>	DVD+RW Super Multi Drive
<b>Other:</b>	Intel HD Audio Technology VESA Bracket (BQ656s chassis only)
<b>Dimensions:</b>	BM650 Chassis: 9.1" x 4.4" x 10.4" BQ656s Chassis: 8.9" x 3" x 7.6"
<b>Power Supply:</b>	BM650 Chassis: 160W Internal BQ656s Chassis: 120W External

The ByteSpeed Performance NUC BNH is built with 7<sup>th</sup> Generation Intel processors, so whether you're streaming the latest movie or need to finish that last minute presentation, you've got the performance to handle it with ease. With dual-array front microphones, you can take full advantage of Windows 10 and Cortana.

The ByteSpeed Performance NUC BNH includes a 5-year ByteSpeed warranty and free lifetime tech support.



**Product Features:**

- ✓ Compact size: 4.5" x 4.375" x 2"
- ✓ Low power consumption
- ✓ 5-year ByteSpeed Warranty
- ✓ Free Lifetime Tech Support



*Photos show the NUC mounted to the back of a monitor*



## System Specifications

<b>Board:</b>	Intel NUC7i3BNH (i3) Intel NUC7i5BNH (i5) Intel NUC7i7BNH (i7)
<b>Processor:</b>	Intel i3-7100u (NUC7i3BNH) Intel i5-7260u (NUC7i5BNH) Intel i7-7567u (NUC7i7BNH)
<b>Memory:</b>	Up to 32GB
<b>HD/SSD:</b>	1TB Hybrid HDD 500GB SATA SSD Options: 128GB, 256GB, 512GB, 1TB
<b>Graphics:</b>	Intel HD Graphics 620
<b>Speaker:</b>	Dual array mics on the chassis front Headphone/microphone jack on the front panel Up to 7.1 surround audio via HDMI or DisplayPort
<b>TPM/PTT:</b>	Intel PTT

<b>Interface:</b>	1x HDMI 2.0 1x USB 3.1 Gen 2 port for 2nd monitor output Adaptable to VGA/DVI/HDMI via cable 4x USB 3.0 ports (2 front/1 charging + 2 rear) 2x internal USB 2.0 via header Front Consumer Infrared port
<b>Wireless:</b>	Intel Wireless-AC 8265 802.11ac 2x2 + Bluetooth v4.2, internal antennas
<b>Other:</b>	Intel HD Audio Technology VESA Bracket
<b>Dimensions:</b>	4.5" x 4.375" x 2"
<b>Power Supply:</b>	External 65W 19V DC Power Adapter
<b>Warranty:</b>	5 Year ByteSpeed Warranty Free Lifetime Tech Support



The Intel 8<sup>th</sup> Generation Extreme NUCs pack all the performance of a desktop tower in a device that can fit in the palm of your hand.

**Intel NUC8i7HMK:**

**Ideal for Gaming / STEM / PLTW**

The Intel NUC8i7HMK features an Intel Quad Core Processor and discrete Radeon RX Vega M GL graphics to deliver the performance you need for gaming, as well as 360° video editing and rendering, and other high end applications.

**Intel NUC8i7HVK:**

**Ideal for Gaming / STEM / PLTW +VR-Capable**

The Intel NUC8i7HVK is similar to the NUC8i7HMK, but features an unlocked i7 processor and a Radeon RX Vega M GH that adds VR-Capability for an extreme experience in the virtual world.

The ByteSpeed Extreme NUCs are backed by a 5-year ByteSpeed warranty and free lifetime tech support.



**Product Features:**

- ✓ Supports up to 6 monitors
- ✓ 4 GB HBM2 dedicated graphics memory
- ✓ Front and rear HDMI 2.0a ports
- ✓ Dual Thunderbolt 3
- ✓ Dual Gigabit LAN
- ✓ 5-year ByteSpeed Warranty
- ✓ Free Lifetime Tech Support



## System Specifications

<b>Board:</b>	Intel NUC8i7HMK Intel NUC8i7HVK (VR-Capable)
<b>8th Gen Processors:</b>	Intel Core i7-8705G Quad Core (NUC8i7HMK) Intel Core i7-8809G Quad Core (NUC8i7HVK)
<b>Memory:</b>	Up to 32GB Dual Channel DDR4
<b>SSD:</b>	SSD Options: 128GB, 256GB, 512GB, 1TB Dual M.2 slots with PCIe x4 lanes
<b>Graphics:</b>	NUC8i7HMK: Radeon RX Vega M GL Graphics NUC8i7HVK: Radeon RX Vega M GH Graphics/ VR-Capable
<b>LAN:</b>	2x Intel 10/100/1000 Ethernet
<b>TPM/PTT:</b>	Intel PTT
<b>Wireless:</b>	Intel Dual Band Wireless-AC 8265 + Bluetooth 4.2

<b>Interface:</b>	2 Intel Gigabit LAN ports 2x Thunderbolt 3 ports 5x USB 3.1 Gen 2 ports Front USB 3.0 charging port Front USB 3.1 Gen 2 via USB-C 2 additional USB 3.0 ports via internal headers 2 additional USB 2.0 ports via internal headers
<b>Audio:</b>	Up to 7.1 surround audio via HDMI and Mini DisplayPort signals, Headphone/mic jack on front, stereo headphone/TOSLINK combo rear jack
<b>Other:</b>	Customizable RGB LED Illumination VESA Mounting Plate included
<b>Dimensions:</b>	8.7" x 5.59" x 1.54"
<b>Power Supply:</b>	External 19V DC 230W Power Adapter
<b>Warranty:</b>	5 Year Warranty + Free Lifetime Tech Support

The ByteSpeed Extreme X299 features the TUF X299 Mark 2, which is the durable ATX motherboard made for enthusiasts, modders and gamers who demand reliable performance day in, day out. It's engineered with industry-leading cooling controls and temperature monitoring, enabling you to build a system that's efficiently cooled and supremely stable. Some of the world's most respected independent testing laboratories have certified TUF components as fit for military use. Every board is subjected to rigorous testing and validation procedures, including warp and drop tests — so you know that TUF X299 Mark 2 will stand up to whatever you throw at it.

The ByteSpeed Extreme X299 includes a 5-year ByteSpeed warranty and free lifetime tech support.



Inwin 703 Chassis



Fractal Define R5 Chassis



**Product Features:**

- ✓ Thermal Radar 3 ultimate system cooling
- ✓ TUF military-grade components
- ✓ 5-year ByteSpeed Warranty
- ✓ Free Lifetime Tech Support



## System Specifications

<b>Board:</b>	ASUS X299 TUF Mark 2
<b>Processor:</b>	Intel Core i7-7800X Hexa-Core 3.5GHz Intel Core i7-7820X Octa-Core 3.6GHz Intel i9-7920 12-Core 2.9GHz
<b>Memory:</b>	Up to 128GB (2 memory channels, 8 RAM slots)
<b>HD/SSD:</b>	2x M.2 Socket 3 connectors 1TB/2TB SATA 600 Desktop HDD 500GB or 1TB Hybrid HDD SSD Options: 128GB, 256GB, 512GB, 1TB
<b>Graphics:</b>	None included - must add video card
<b>LAN:</b>	10/100/1000GB
<b>TPM/PTT:</b>	Intel PTT

<b>Power Supply:</b>	650W
<b>RAID:</b>	0, 1, 5, 10
<b>Heatsink:</b>	Socket 2011 Intel Heatsink
<b>Optane Support:</b>	Yes
<b>ODD:</b>	DVD+-RW Super Multi Drive Dual DVD+-RW Super Multi Drives
<b>Chassis Options:</b>	Inwin 703 (Dimensions: 17" x 8.3" x 18.8") Fractal Define R5 (Dimensions: 18.2" x 9.1" x 20.9")
<b>Ports:</b>	(2) PCIe x1, (3) PCIe x16
<b>Warranty:</b>	5 Year ByteSpeed Warranty Free Lifetime Tech Support

**Please note that all ByteSpeed systems feature Intel PTT which offers the capabilities of discrete TPM 2.0**

## **Intel Platform Trust Technology (Intel PTT)**

**Intel® Platform Trust Technology (Intel® PTT) offers the capabilities of discrete TPM 2.0.**

Intel® PTT is a platform functionality for credential storage and key management used by Windows 8\* and Windows® 10. Intel® PTT supports BitLocker\* for hard drive encryption. Intel® PTT also supports all Microsoft requirements for firmware Trusted Platform Module (fTPM) 2.0.

Intel® PTT is an integrated solution in the Intel® Management Engine for 4th Generation Intel® Core™ processors with ultra-low TDP (Thermal Design Power) platforms and later.



## Surface Book 2

Introducing Surface Book 2, the most powerful Surface yet. It's designed to deliver the ultimate in performance and versatility without compromise, featuring the latest Intel® Dual-Core™ or Quad-Core™ processors, NVIDIA® GeForce® GPUs, and up to 17 hours of battery life.<sup>1</sup> Now available in 13.5-inch and new 15-inch models, Surface Book 2 has up to five times more graphics performance than the original and is twice as powerful as the MacBook Pro.<sup>2</sup> With a stunning PixelSense™ Display, Surface Book 2 gives you the power of a laptop, the versatility of a tablet and the freedom of a portable studio all in one beautifully styled device. Move seamlessly between professional apps from companies such as Adobe, Autodesk, Dassault and Unity, play popular PC games or immerse yourself in Windows Mixed Reality. Every detail of the iconic Surface Book design has been refined, from the dynamic fulcrum hinge for a more stable touch experience, to the improved, backlit keyboard and flexibility of both USB Type-A and USB Type-C ports.

Surface Book 2 is a portable powerhouse that provides the performance you need to tackle any task, with enough battery life to last all day.

### Top Features and Benefits

- **Built for performance.** With Surface Book 2, you can seamlessly transition between professional-grade software and the latest PC games. Breeze through any task with lightning-fast storage and the latest dual- or quad-core Intel® Core™ i5 and i7 processors, and experience the best graphics performance yet with the latest NVIDIA® GeForce® GPUs. Surface Book 2 delivers up to 17 hours of battery life<sup>1</sup> with the 15" version delivering up to 5 times more graphics performance than the original Surface Book.
- **Adapts to the ways you create.** Surface Book 2 is a robust laptop, powerful tablet and portable studio that adapts to the ways you work and create best. Whether you're designing 3-D models with CAD, sketching with Surface Pen, or editing 4K video on an external monitor, Surface Book 2 has four versatile modes of use to help you find your breakthrough. The versatility doesn't stop there — Surface Book 2 connects to all your devices: hook up to USB Type-C and USB Type-A ports, as well as your full-size SD card, Surface Dial and Surface Dock.
- **Designed with innovation in every detail.** Surface Book 2 balances performance with premium, lightweight materials for unprecedented power in a laptop its size. Choose from a 13.5- or 15-inch touchscreen and immerse yourself in experiences that look and feel like real life on a stunning PixelSense™ Display. The backlit keyboard lets you get your ideas down faster and more confidently with the fastest, most comfortable Surface Book typing experience yet.
- **Powers the best of Microsoft.** Surface Book 2 lets you work, play and create without limits. Work seamlessly with your favorite Microsoft Office apps and add 3-D content to increase the impact of your content. Play the latest PC games and pair your Xbox Wireless controller and compatible headset, no dongle required (15" models only). Get immersed in VR games and content with Windows Mixed Reality Ultra experiences. When only a pen will help you express your idea, grab Surface Pen to naturally sketch, paint and draw, and use Surface Dial for easy, on-screen access to tools.



## Technical Specifications

	Surface Book 2 13"	Surface Book 2 15"
<b>Display</b>	<p>13.5" PixelSense™ Display 3000 x 2000 (267 PPI) 1600:1 contrast ratio 10 point multitouch Compatible with next-generation Surface Pen and Surface Dial on-screen interaction</p>	<p>15" PixelSense™ Display 3240 x 2160 (260 PPI) 1600:1 contrast ratio 10 point multitouch Compatible with next-generation Surface Pen and Surface Dial on-screen interaction</p>
<b>Available Models</b>	<p><b>8th gen Intel® Quad-Core™ processor</b> Intel® Core™ i7-8650U w/ 4.2GHz Max Turbo, 8GB RAM and 256GB PCIe SSD</p> <p>Intel® Core™ i7-8650U w/ 4.2GHz Max Turbo, 16GB RAM and 512GB PCIe SSD</p> <p>Intel® Core™ i7-8650U w/ 4.2GHz Max Turbo, 16GB RAM and 1TB PCIe SSD</p> <p><b>7th gen Intel® Dual Core™ processor</b> Intel® Core™ i5-7300U w/ 3.2GHz Max Turbo, 8GB RAM and 256GB PCIe SSD</p>	<p><b>8th gen Intel® Quad-Core™ processor:</b> Intel® Core™ i7-8650U w/ 4.2GHz Max Turbo, 16GB RAM and 256GB PCIe SSD</p> <p>Intel® Core™ i7-8650U w/ 4.2GHz Max Turbo, 16GB RAM and 512GB PCIe SSD</p> <p>Intel® Core™ i7-8650U w/ 4.2GHz Max Turbo, 16GB RAM and 1TB PCIe SSD</p> <p>Intel® Core™ i7-8650U w/ 4.2GHz Max Turbo, 16GB RAM and 1TB PCIe SSD</p>
<b>Graphics</b>	<p><b>Intel Core™ i5</b> Intel® HD Graphics 620 integrated GPU</p> <p><b>Intel Core™ i7</b> Intel® UHD Graphics 620 integrated GPU and NVIDIA® GeForce® GTX 1050 discrete GPU w/ 2GB GDDR5 graphics memory</p>	<p><b>Intel Core™ i7</b> Intel® UHD Graphics 620 integrated GPU and NVIDIA® GeForce® GTX 1060 discrete GPU w/ 6GB GDDR5 graphics memory</p>
<b>Windows OS</b>	Ships with 64-bit Windows 10 Pro (Windows Creators Update)	
<b>Dimensions</b>	<p><b>Intel Core™ i5</b> 312mm x 232mm x 13mm–23mm 12.3" (L) x 9.14" (W) x 0.51–0.90" (D)</p> <p><b>Intel Core™ i7</b> 312mm x 232mm x 15mm–23mm 12.3" (L) x 9.14" (W) x 0.59–0.90" (D)</p>	<p><b>Intel Core™ i7</b> 343mm x 251mm x 15mm–23mm 13.5" (L) x 9.87" (W) x 0.57–0.90" (D)</p>
<b>Weight</b>	<p><b>Intel Core™ i5</b> Total – 1533 g (3.38 lbs) Tablet – 719 g (1.59 lbs)</p> <p><b>Intel Core™ i7</b> Total – 1642 g (3.62 lbs) Tablet – 719 g (1.59 lbs)</p>	<p><b>Intel Core™ i7</b> Total – 1905 g (4.20 lbs) Tablet – 817 g (1.80 lbs)</p>
	Up to <b>17 hours</b> of battery life	Up to <b>17 hours</b> of battery life

<b>Ports</b>	2x USB Type-A 3.1 (Gen1) 1x USB Type-C w/ video, power in/out and USB 3.1 (Gen1) data Full-size SDXC card reader (UHS-II) Headphone jack (3.5mm) 2x Surface Connect ports (1 in tablet, 1 in keyboard base)	
<b>Security</b>	TPM 2.0 hardware chip for enterprise security, Common Criteria (CC) EAL4+, FIPS 140-2 Level 2 Windows Hello face sign in	
<b>Sensors</b>	Ambient light sensor Accelerometer Gyroscope Magnetometer	
<b>Cameras</b>	5.0MP 1080p video @30FPS (front) 8.0MP 1080p video @30FPS with auto-focus (rear)	
<b>Audio</b>	Stereo speakers w/ Dolby® Audio™ Premium Windows Sonic for Headphones included Dolby® Atmos™ for headphones compatible	
<b>Keyboard and Trackpad</b>	Full-size, backlit keyboard with 1.55mm of full key travel Glass track pad with antifingerprint coating and improved multifinger gestures	
<b>Modes</b>	Laptop Mode, Tablet Mode, View Mode or Studio Mode	
<b>In the Box</b>	39W (Intel Core™ i5) or 95W (Intel Core™ i7) Surface Power Supply w/ USB Type-A charging port (5W)	95W Surface Power Supply w/ USB Type-A charging port (7.5W)

<sup>1</sup> Up to 17 hours of video playback. Testing conducted by Microsoft in October 2017 using preproduction Intel Core i5, 256GB, 8GB RAM and Intel Core i7, 512GB, 16GB RAM dGPU devices. Testing consisted of full battery discharge during video playback. All settings were default except: Wi-Fi was associated with a network and Auto-Brightness disabled. Battery life varies significantly with settings, usage and other factors.

<sup>2</sup> Microsoft Test Lab 3DMark 11 Graphics and LuxMark 3.1 CPU+GPU score comparison, Surface Book 15" [Intel i7-8650U with NVIDIA GeForce GTX 1060] vs. MacBook Pro 15-inch [Intel i7-7567U with AMD Radeon Pro 560], and Surface Book 13" [Intel i7-8650U with NVIDIA GeForce GTX 1050] vs. MacBook Pro 13-inch [Intel i7-7567U], October 2017.

# Surface Book 2



Processor (CPU) Selling Separately	Core i5 (10th Gen) Intel® Core™ i5-10210U	Core i7 (10th Gen) Intel® Core™ i7-1065G7	Core i7 (10th Gen) Intel® Core™ i7-1068G7	Core i7 (10th Gen) Intel® Core™ i7-1075G7	Core i7 (10th Gen) Intel® Core™ i7-1085G7	Core i7 (10th Gen) Intel® Core™ i7-10875G7
Memory (RAM)	8GB	8GB	16GB	16GB	16GB	16GB
Solid State Drive	256GB SSD (GPU)	256GB SSD (GPU)	512GB SSD (GPU)	512GB SSD (GPU)	1TB SSD (GPU)	1TB SSD (GPU)
Part Numbers	HMX-00001	HMX-00001	HMX-00001	HMX-00001	HMX-00001	HMX-00001

EDUCATION – discount applied to device only; Pen sold separately

<b>Display</b> 	<b>13.5" diagonal Pixelsense</b> Resolution: 3000x2000 (267 ppi) Aspect ratio 3:2 Touchscreen 10 point multi-touch <b>15" diagonal Pixelsense</b> Resolution: 3240x2160 (260 ppi) Aspect ratio 3:2 Touchscreen 10 point multi-touch	<b>Size and weight</b> 	<b>13.5" Book:</b> Height 9.14in x width 12.30in x depth 0.90in Clipboard: Height 8.67in x width 12.30in x depth 0.30in Weight: 3.38 (i5) – 3.62 (i7) lbs (laptop) 1.60lbs (clipboard)  <b>15" Book:</b> Height 9.87in x width 13.50in x depth 0.90in Weight: Starting at 3.25 (laptop)	<b>Software</b> 	Ships with Windows 10 Professional (compatible with Windows 10 ENT)  Not downgradeable to previous versions of Windows
<b>Battery Life</b> 	Up to 17 hours of video playback with keyboard attached 3-4 hours as a tablet  Two lithium ion polymer battery packs	<b>Storage type</b> 	PCIe SSD	<b>Graphics</b> 	13.5" i5 - Intel HD Graphics b20 13.5" i7 - NVIDIA GeForce GTX 1050 GPU w/ 4GB GDDR5 memory  15" - NVIDIA GeForce GTX 1060 GPU w/ 6GB GDDR5 memory
<b>Biometrics</b> 	Windows Hello, Facial recognition system	<b>Wireless</b> 	802.11ac Wi-Fi wireless networking, IEEE 802.11a/b/g/n/ac compatible Bluetooth 4.1 wireless technology Xbox wireless built-in (15")	<b>Security</b> 	TPM 2.0 chip with BitLocker
<b>Sensors</b> 	Ambient light sensor Accelerometer Proximity Gyroscope Magnetometer	<b>Pen</b> 	4096 levels of pressure, tilt functionality (shading), eraser functionality and advanced Windows 10 features.  Sold separately	<b>Ports</b> 	Two full-size USB 3.1 Gen 1 (one Type-C) Full-size SD card reader Two Surface Connect Ports Headset jack
<b>Audio</b> 	Dual microphones, front-facing Stereo Speakers with Dolby Audio Premium  Support for Windows Sonic and Dolby Atmos headphones	<b>What's in the box</b> 	Surface Book Power Supply	<b>Camera</b> 	Windows Hello facial authentication camera (front-facing) 5.0MP front-facing camera with infrared with 1080p HD video & Windows Hello capabilities  8.0MP rear-facing camera with autofocus, with 1080p HD video recording



# Meet the new Surface Book 2

The most powerful Surface ever  
Now available in 13.5" and 15" display



## Highest performance

Power professional-grade software all day and speed through intensive tasks with a device that helps you do more:

- 11th generation Intel® Core™ processors with up to 16 cores and 64GB of RAM for the most powerful performance in a laptop
- 16GB of memory with 1TB of storage, so you can work on large files and projects with ease
- Support for up to 4K video recording and 4K playback

## Most versatile

Engineered for maximum adaptability, Surface Book 2 gives you the freedom to create however you want:

- 11th generation Intel® Core™ processors with up to 16 cores and 64GB of RAM for the most powerful performance in a laptop
- 16GB of memory with 1TB of storage, so you can work on large files and projects with ease
- Support for up to 4K video recording and 4K playback

## Beautifully designed

Premium materials are perfectly balanced for unprecedented performance in a laptop this size:

- Premium aluminum of precision-tempered glass and matte-finish fabric for a sleek, professional look
- Built-in 11th generation Intel® Core™ processors with up to 16 cores and 64GB of RAM for the most powerful performance in a laptop
- 16GB of memory with 1TB of storage, so you can work on large files and projects with ease

## Best of Microsoft

Seamless integration of Microsoft hardware and software, the ultimate device for the modern workplace:

- Windows Hello for Business for secure, fast logins
- Office 365 integration with the latest Office apps, plus with the latest Office 365 apps
- Seamless integration with the latest Office apps, plus with the latest Office 365 apps



# Technical specifications

	Surface Book 2 13"	Surface Book 2 15"
<b>Display</b>	13.1" PixelSense™ Display 2200 x 1600 (267 PPI) 10-point multi-touch	15" PixelSense™ Display 3240 x 2160 (240 PPI) 10-point multi-touch
<b>Processor/RAM/Storage</b>	7th Gen Intel® Core™ i5-7500U dual-core processor 8GB RAM (8GB) (LPDDR3 256GB SSD) 8th Gen Intel® Core™ i7-8650U quad-core processor 8GB RAM (8GB) (LPDDR3 256GB SSD) 16GB RAM (16GB) (LPDDR3 512GB SSD) 16GB RAM (16GB) (LPDDR3 1TB SSD)	8th Gen Intel® Core™ i7-8650U quad-core processor 16GB RAM (16GB) (LPDDR3 256GB SSD) 16GB RAM (16GB) (LPDDR3 512GB SSD) 16GB RAM (16GB) (LPDDR3 1TB SSD)
<b>Graphics</b>	Intel® Iris™ Graphics (Intel® HD Graphics 620) Intel® Iris™ Graphics (Intel® HD Graphics 630) Intel® Iris™ Graphics (Intel® HD Graphics 640)	Intel® GeForce™ GTX 1050 (4GB) (GDDR5) Intel® Iris™ Graphics (Intel® HD Graphics 640)
<b>OS</b>	Windows 10 Pro	Windows 10 Pro
<b>Dimensions</b>	13.1" x 9.3" x 0.6" (332 x 237 x 15 mm) Weight: 3.0 lb (1.4 kg) 13.1" x 9.3" x 0.6" (332 x 237 x 15 mm) Weight: 3.0 lb (1.4 kg)	15" x 11.5" x 0.6" (381 x 292 x 15 mm) Weight: 3.5 lb (1.6 kg)
<b>Weight</b>	3.0 lb (1.4 kg)	3.5 lb (1.6 kg)
<b>Battery</b>	43 Whr (43 Whr)	43 Whr (43 Whr)
<b>Wireless</b>	802.11ac Wi-Fi, Bluetooth 4.2, NFC, Microsoft® Surface Connect™	802.11ac Wi-Fi, Bluetooth 4.2, NFC, Microsoft® Surface Connect™
<b>Connections</b>	2x USB-A, 1x USB-C, 1x Surface Connect™, 1x 3.5mm audio jack	2x USB-A, 1x USB-C, 1x Surface Connect™, 1x 3.5mm audio jack
<b>Storage type</b>	SSD	SSD
<b>Security</b>	TPM 2.0, Windows Hello for Business, Windows Defender, Windows Hello for Business, Windows Hello for Business	TPM 2.0, Windows Hello for Business, Windows Defender, Windows Hello for Business, Windows Hello for Business
<b>Biometrics</b>	Windows Hello for Business	Windows Hello for Business
<b>Sensors</b>	Accelerometer, Gyroscope, Ambient Light Sensor, Proximity Sensor, Infrared Non-Contact Temperature Sensor	Accelerometer, Gyroscope, Ambient Light Sensor, Proximity Sensor, Infrared Non-Contact Temperature Sensor
<b>Camera</b>	8MP front-facing camera, 10MP rear-facing camera, 10MP rear-facing camera, 10MP rear-facing camera	8MP front-facing camera, 10MP rear-facing camera, 10MP rear-facing camera, 10MP rear-facing camera
<b>Audio</b>	Dual speakers, Dolby Atmos, Windows Hello for Business, Windows Hello for Business, Windows Hello for Business	Dual speakers, Dolby Atmos, Windows Hello for Business, Windows Hello for Business, Windows Hello for Business
<b>Modes</b>	Can be used in laptop mode, tablet mode, or tent mode	Can be used in laptop mode, tablet mode, or tent mode

	Surface Book 2 13"	Surface Book 2 15"
<b>Starting price</b>	Surface Book 2 13" starts at US\$1,499.99	Surface Book 2 15" starts at US\$1,999.99
<b>What's in the box</b>	Surface Book 2 13.1" PixelSense™ Display, 8GB RAM (8GB) or 16GB (16GB) Surface Power Supply w/USB-A (5V/2.1A) charging port, Quick Start Guide, Safety and warranty documents	Surface Book 2 15" PixelSense™ Display, 16GB RAM (16GB) or 32GB (32GB) Surface Power Supply w/USB-A (5V/2.1A) charging port, Quick Start Guide, Safety and warranty documents
<b>Supports NEW Surface Precision Mouse<sup>1</sup></b>	Yes—Surface Precision Mouse for precision and control in multiple use cases with up to three computers at the same time. Customizable thumb buttons. US ERP \$99.99 availability varies by market.	Yes—Surface Precision Mouse for precision and control in multiple use cases with up to three computers at the same time. Customizable thumb buttons. US ERP \$99.99 availability varies by market.
<b>Supports NEW Surface USB-C to HDMI Adapter<sup>2</sup> &amp; Surface USB-C to VGA Adapter<sup>2</sup></b>	Yes—Surface USB-C to HDMI and USB-C to VGA adapters. US ERP \$49.99 each availability varies by market.	Yes—Surface USB-C to HDMI and USB-C to VGA adapters. US ERP \$49.99 each availability varies by market.
<b>Supports Surface Pen<sup>3</sup></b>	US ERP \$169.99 availability varies by market.	US ERP \$169.99 availability varies by market.
<b>Supports Surface Dial<sup>4</sup></b>	US ERP \$149.99 availability varies by market.	US ERP \$149.99 availability varies by market.
<b>Supports Surface Dock<sup>5</sup></b>	US ERP \$199.99 availability varies by market.	US ERP \$199.99 availability varies by market.

## Configurations and pricing

Surface Book 2 13"	US ERP	Surface Book 2 15"	US ERP
Intel Core™ i5 dual-core 8GB (8GB) (8GB)	\$1,499	Intel Core™ i7 quad-core 16GB (16GB) (16GB)	\$1,999
Intel Core™ i7 quad-core 8GB (8GB) (8GB)	\$1,999	Intel Core™ i7 quad-core 16GB (16GB) (16GB)	\$2,499
Intel Core™ i7 quad-core 16GB (16GB) (16GB)	\$2,499	Intel Core™ i7 quad-core 32GB (32GB) (32GB)	\$2,999
Intel Core™ i7 quad-core 16GB (16GB) (16GB)	\$2,999		

For more information about Surface for Business  
[microsoft.com/en-us/devices/business](https://microsoft.com/en-us/devices/business)

# Using Surface Dock and Surface docking stations

Applies to: Surface Devices

## Note

Some products might not be available in your country or region.

Connect your Surface to external devices.

- [Get to know the Surface Dock and Surface docking stations](#)
- [Docking station models](#)
- [Set up Surface Dock and docking stations](#)

## Get to know the Surface Dock and Surface docking stations

You can use a docking station to transform your Surface into a full desktop PC. Use it to connect your Surface to full-size monitors, an Ethernet connection, external speakers, and more while also charging your Surface.

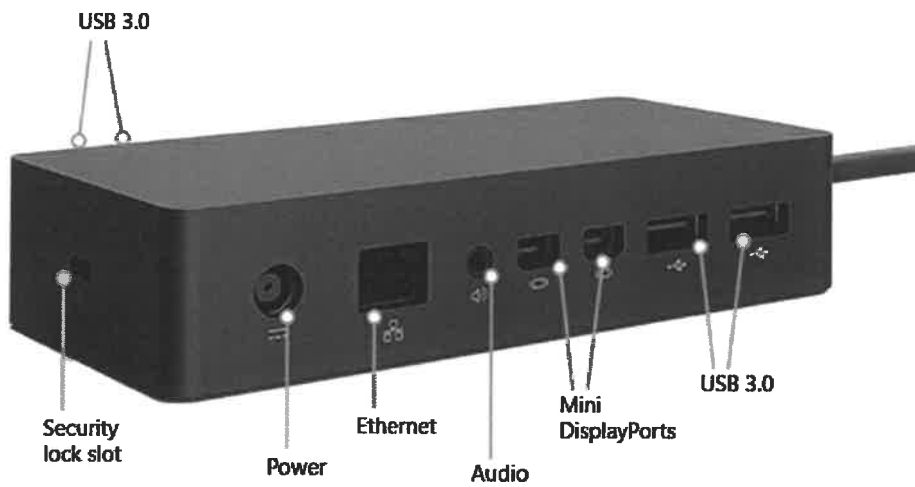
There are two types of docking stations available for Surface:

- Surface Dock (compatible with Surface Book, new Surface Pro, Surface Go, Surface Pro 4, and Surface Pro 3) is a port replicator with a compact design that doesn't require you to dock your Surface. Your Surface simply connects to a Surface Dock through a single magnetic Surface Connect cable. Surface Dock supports high-speed transfer of video, audio, and data. Its compact design gives you flexibility and keeps your desktop clutter-free.
- The docking stations for Surface Pro 3, Surface 3, Surface Pro 2, and Surface Pro hold your Surface in a frame. To dock your Surface, you place it in the frame of the docking station and slide the sides of the docking station into the sides of your Surface.

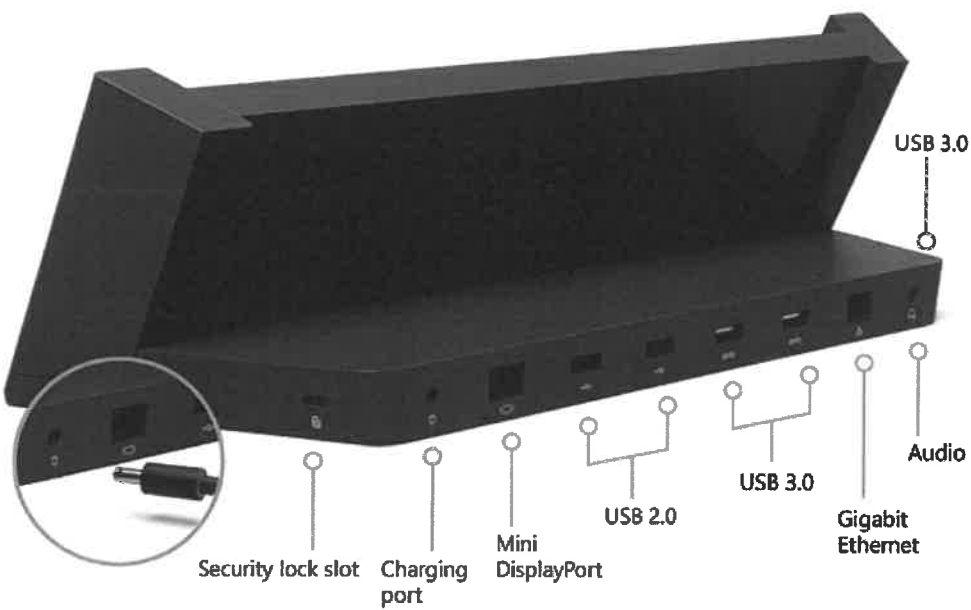
## Docking station models

There are four Surface docking station models.

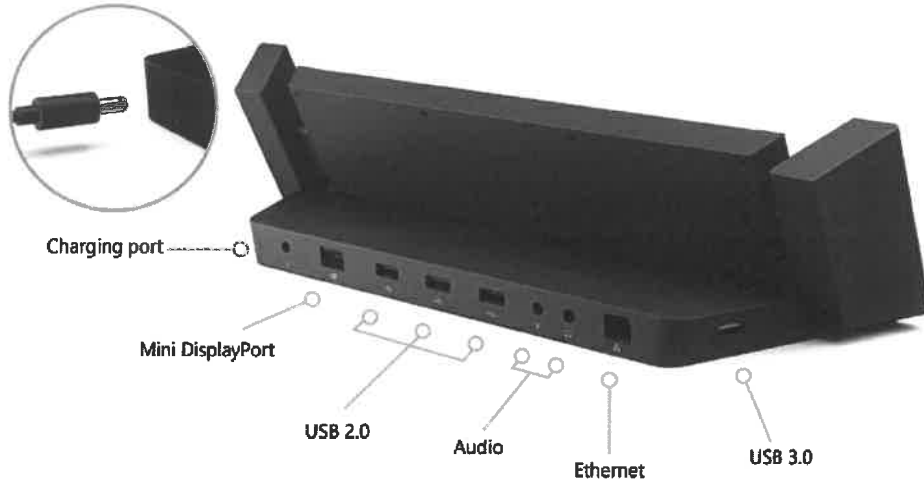
- Surface Dock (available for Surface Book, new Surface Pro, Surface Go, Surface Pro 4, and Surface Pro 3)



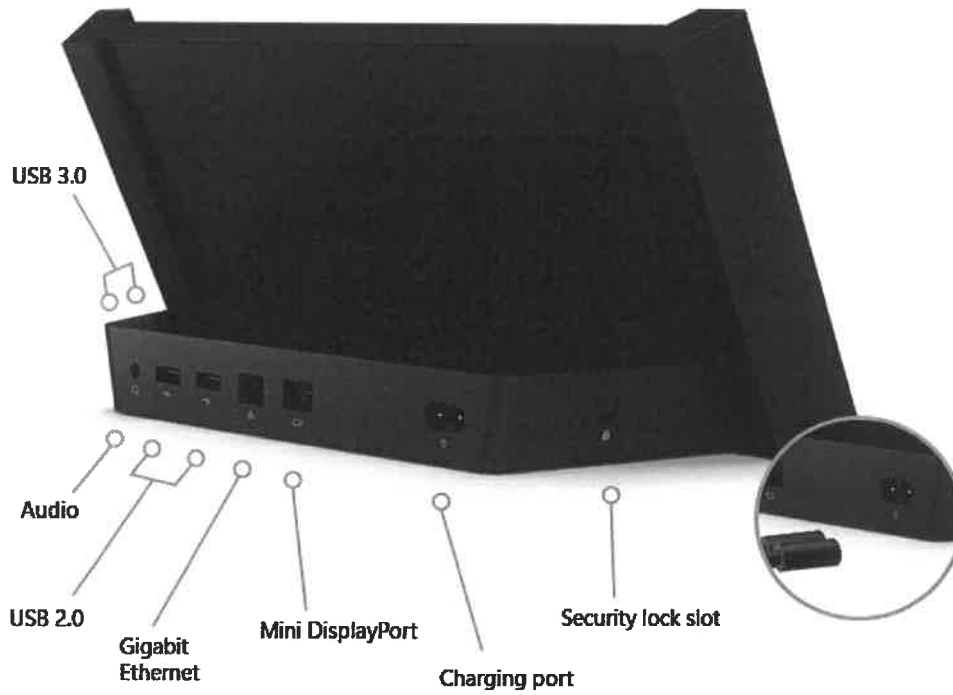
- Docking station for Surface Pro 3



- Docking station for Surface Pro and Surface Pro 2



- Docking station for Surface 3



**Charging or Power port**

The external power supply recharges your Surface and provides additional power to charge connected USB devices.

## Mini DisplayPorts

The Mini DisplayPort lets you connect one or more external monitors to your Surface. Depending on your monitor's connectors, you may need a video adapter (sold separately).

### Notes

- The Surface Dock (for Surface Book, new Surface Pro, Surface Go, Surface Pro 4, and Surface Pro 3) has two Mini DisplayPorts.
- The Mini DisplayPort on Surface Pro 3 and Surface Pro 4 and the Mini DisplayPorts on Surface Dock are all available for use while your Surface is connected to Surface Dock.
- If you're using Surface Dock with Surface Book, the Mini DisplayPort on your Surface Book is covered by the connector and isn't available. This is by design, as you can use only three screens at one time (two external monitors and the screen on Surface Book).
- With a Surface Pro 3 Docking Station, the Mini DisplayPorts on your Surface and docking station are available for use while your Surface is in the docking station.

<p><b>USB ports</b></p>	<p>Transfer large files to an external drive, connect a USB printer or headset, charge accessories, and more.</p> <ul style="list-style-type: none"> <li>• Surface Dock has four USB 3.0 ports.</li> <li>• Surface Pro 3 Docking Station has three USB 3.0 ports and two USB 2.0 ports. The USB 3.0 port on your Surface Pro 3 is available for use when your Surface is in the docking station.</li> <li>• Surface 3 Docking Station has two USB 3.0 ports and two USB 2.0 ports.</li> <li>• Docking Station for Surface Pro and Surface Pro 2 have one USB 3.0 port and three USB 2.0 ports.</li> </ul>
<p><b>Audio ports</b></p>	<p>Connect your favorite audio accessories to the 3.5-mm audio port on Surface Dock.</p> <p><b>Note</b></p> <p>The audio port on Surface Dock is used for audio output only. You use the built-in microphone on your Surface for recording and online conversations.</p>
<p><b>Ethernet port</b></p>	<p>When you need the reliability of a wired network connection, you can use the Ethernet port on Surface Dock to connect your Surface to a wired network.</p>
<p><b>SurfaceConnect cable</b></p>	<p><b>Surface Dock only.</b> This magnetic cable connects your Surface to your Surface Dock and enables high-speed transfer of audio, video, and data.</p>

The ASUS 22" LED Widescreen Monitor is powered by LED backlighting technology, delivering sharp, true-to-life images.

The ASUS Smart Contrast Ratio Dynamically enhances the display's contrast by adjusting the luminance of the backlight to achieve the darkest black and brightest white – delivering lifelike images.

Full HD 1080p (1920 x 1080) support and HDMI port brings you into a spectacular world of colors in sharpest detail possible.

The exclusive Splendid Video Intelligence Technology optimizes video performance and image fidelity by enhancing color, brightness, contrast, and sharpness. 5 preset video modes (Scenery, Theater, Game, Night View, and Standard) can be selected via a hotkey.

**The ASUS 22" LED Widescreen Monitor includes a 3-year warranty and free lifetime tech support.**



## System Specifications

<b>Display:</b>	Panel Size: 21.5" (54.6cm) Wide Screen Color Saturation 68%(NTSC) True Resolution: 1920X1080
<b>Video Feature:</b>	SPLendid Video Intelligence Technology SPLendid Video Preset Modes (5 modes) Skin-Tone Selection (3 mode) HDCP support, Color Temperature Selection(5 modes)
<b>Audio Features:</b>	Stereo Speakers 1Wx2 stereo RMS
<b>Convenient Hotkey:</b>	SPLendid Video Preset Mode Selection Auto. Adjustment, Brightness Adjustment Volume Adjustment, Input Selection
<b>Input/Output:</b>	PC Input: DVI-D/D-Sub, PC Audio Input: 3.5mm Mini-jack, Video Input: HDMI, AV Audio Input: HDMI 1.3, Earphone jack: 3.5mm Mini-jack
<b>Power Consumption:</b>	Power Consumption < 30 W Power Saving Mode < 1 W

<b>Security:</b>	Kensington lock
<b>Mechanical Design:</b>	Chassis Colors: Black Tilt: +20°~ -5° VESA Wall Mounting: 100x100mm
<b>Dimensions:</b>	With Stand (WxHxD) : 512.84x385.96x201mm Box Dimension (WxHxD) : 576x468x148mm
<b>Weight:</b>	Net Weight (Esti.): 4.1 kg Gross Weight (Esti.): 6.1 kg
<b>Accessories:</b>	DVI cable   VGA cable   Audio cable Power cord   Quick start guide   Warranty Card
<b>Compliance and Standards:</b>	Energy Star 5.0, CEL, UL/cUL, CB, CE, EUP, FCC, CCC, BSMI, Gost-R, C-Tick, VCCI, PSB, J-MOSS, WEEE, Windows Vista & Windows 7 WHQL
<b>Warranty:</b>	3 Year Warranty

The ASUS 24" Widescreen LED LCD Monitor mixes visual excitement with modern sophistication. Powered by LED backlight technology, it delivers sharp, true-to-life images with 2ms speedy response time and ASUS Smart Contrast Ratio that dynamically adjusts the display's contrast ratio according to the image content, up to an astonishing 10,000,000:1.

Full HD 1080p (1920x1080) support and HDMI port bring you into a spectacular world of colors, no matter what you are watching, thanks to Asus exclusive Splendid Video Intelligence Technology.

It features convenient key controls for functional set-up in the multi-language OSD, and integrates hidden stereo speakers and cable manager for a clean look. Built with green in mind, it still brings you stunning visual experience in a contemporary package.

**The ASUS 24" LED Widescreen Monitor includes a 3-year warranty and free lifetime tech support.**



Technology  
Provider  
Platinum 2013



Microsoft Partner  
Gold OEM Hardware

## System Specifications

<b>Display:</b>	Panel Size: Wide Screen 24.0"(61.0cm) 16:9 True Resolution : 1920x1080
<b>Video Feature:</b>	Trace Free Technology : Yes SPLENDID Video Intelligence Technology SPLENDID Video Preset Modes : 6 Modes Skin-Tone Selection : 3 Modes Color Temperature Selection : 4 Modes HDCP support : Yes
<b>Audio Features:</b>	Stereo Speakers : 1W x 2 Stereo RMS
<b>Convenient Hotkey:</b>	SPLENDID Video Preset Mode Selection Auto. Adjustment, Brightness Adjustment Volume Adjustment, Input Selection
<b>Input/Output:</b>	Signal Input : HDMI, D-Sub, DVI-D PC Audio Input : 3.5mm Mini-Jack AV Audio Input : HDMI Earphone jack : 3.5mm Mini-Jack

<b>Power Consumption:</b>	< 35W, Power Saving Mode < 1W
<b>Security:</b>	Kensington lock
<b>Mechanical Design:</b>	Chassis Colors : Black, Tilt : +20°~-5° VESA Wall Mounting : 100x100mm
<b>Dimensions:</b>	With Stand (WxHxD) : 569.4 x 409.7 x 201mm Box Dimension (WxHxD) : 638 x 480 x 175mm
<b>Weight:</b>	Net Weight (Esti.): 4.4 kg Gross Weight (Esti.): 7.1 kg
<b>Accessories:</b>	DVI cable   VGA cable   Audio cable Power cord   Quick start guide   Warranty Card
<b>Compliance and Standards:</b>	BSMI, CB, CCC, CE, CEL level 2, C-Tick, ErP, FCC, Gost-R, J-MOSS, PSB, RoHS, UL/cUL, VCCI, WEEE, WHQL (Windows 8, Windows 7, Windows Vista)
<b>Warranty:</b>	3 Year Warranty



The ASUS 27" Widescreen LED Monitor features embedded dual HDMI ports, stereo speakers and 2ms quick response time for high quality and smooth visual and audio enjoyment. ASUS Smart Contrast Ratio dynamically enhances the display's contrast by adjusting the luminance of the backlight to achieve the darkest black and brightest white – delivering lifelike images. Quick response time of 2ms (GTG) eliminates ghosting and tracers for more fluid video playback.

Rich I/O Ports allow simultaneous connections to more video devices. I/O ports includes HDMIx2, D-sub, PC audio-in and Earphone jack. Simultaneous connect to Full HD Blu-ray Disc players and myriad HD playback devices like DVD players, audio devices and set-top boxes for limitless entertainment.

**The ASUS 27" LED Widescreen Monitor includes a 3-year manufacturer warranty and free lifetime tech support.**



## System Specifications

<b>Display:</b>	Panel Size: Wide Screen 27.0"(68.6cm) 16:9 True Resolution : 1920x1080
<b>Video Feature:</b>	Trace Free Technology SPLENDID Video Intelligence Technology SPLENDID Video Preset Modes : 6 Modes Skin-Tone Selection : 3 Modes Color Temperature Selection : 4 Modes HDCP support : Yes
<b>Audio Features:</b>	Stereo Speakers: 3W x 2 Stereo RMS 3W x 2 Stereo RMS
<b>Convenient Hotkey:</b>	SPLENDID Video Preset Mode Selection Auto. Adjustment, Brightness Adjustment Volume Adjustment, Input Selection, Quick Fit
<b>Input/Output:</b>	Signal Input : HDMI x 2, D-Sub PC Audio Input : 3.5mm Mini-Jack AV Audio Input : HDMI Earphone jack : 3.5mm Mini-Jack

<b>Power Consumption:</b>	Power Saving Mode < 0.5W
<b>Security:</b>	Kensington lock
<b>Mechanical Design:</b>	Chassis Colors : Black, Tilt : +20°~-5° VESA Wall Mounting : 100x100mm
<b>Dimensions:</b>	(WxHxD): 643x445.6x220mm Without Stand (WxHxD):643x385.6x59.5mm
<b>Weight:</b>	Net Weight (Esti.): 6.0kg Gross Weight (Esti.): 9.2kg
<b>Accessories:</b>	VGA cable   Audio cable   Power cord   Quick start guide   HDMI-to-DVI cable   Warranty Card
<b>Compliance and Standards:</b>	Energy Star, UL/cUL, CB, CE, ErP, FCC, CCC, BSMI, Gost-R, C-Tick, VCCI, PSB, EK, J-MOSS, RoHS, WEEE, 7 WHQL
<b>Warranty:</b>	3 Year Warranty



## ByteSpeed Warranty

*We stand behind all of our products... guaranteed!*

### 5-year Warranty

(Desktops, Workstations, NUCs, Servers,  
Thin Clients, & Zero Clients)

### 3yr / 2yr / 1yr Warranty

Laptop warranty depends on model  
Monitors have a 3-year warranty

*ByteSpeed is committed to honoring and maintaining our warranty. Our account managers and support team work closely with you to quickly resolve any warranty issues.*

### What IS Covered Under Warranty?

- Defects in materials and workmanship
- Standard manufacturer's warranty applies to non-ByteSpeed branded hardware (EX: D-Link switches, Samsung printers, Tandberg backup devices, Spectrum laptop carts, etc.)
- Normal hardware failure

### What IS NOT Covered Under Warranty?

- Vandalism and intentional damage
- Theft or Loss
- Improper use that is not in accordance with proper care of equipment (Spills, drops, etc.)
- Acts of nature
- Accidental damage

### Shipping Warranty Parts

- ByteSpeed guarantees all warranty issues are handled in a timely manner. Most warranty parts will ship the same day. Accelerated shipping is also an available option when needed for crucial situations.
- For ByteSpeed branded hardware, all warranty parts will ship with pre-paid return labels for the bad part to return to Bytespeed.
- For NON-ByteSpeed hardware (EX: Lenovo Chromebooks, Spectrum laptop carts, etc.), warranty shipping coverage depends on the manufacturer.
- ByteSpeed offers a custom parts closet option with quantity orders. The parts closet is in essence an extension of ByteSpeeds inventory on your site, it is only to be used for maintaining and repairing ByteSpeed computers. As parts are used from the parts closet, customers need to follow the standard RMA process to replenish new parts for their parts closet. This helps eliminate down time and makes warranty requests much easier for both ByteSpeed and our customers.



**"ByteSpeed has been our supplier for workstations and servers since 1999. We have had excellent results from their products. Their 5-year desktop and server warranty and top notch tech support places them far above their competition!"**

*- Richard Morgan, Tech. Director  
Lee County School System, Leesburg, GA*

### ByteSpeed Help Desk

Please report any issues to ensure all ByteSpeed products are working properly.

**Contact ByteSpeed Support  
Monday-Friday 8am-5pm CST  
Toll Free: 877.553.0777  
[helpdesk@bytespeed.com](mailto:helpdesk@bytespeed.com)**

### Reporting a Problem

- You may contact ByteSpeed via phone, email, live chat, or online ticket system.
- Using the ByteSpeed Serial number on the back of the machine is the most efficient way for our tech team to track replacements, parts, or warranty issues (EX: 20xx-xx-xxxx).
- Any problems occurring in the first 30 days of use can be reported as DOA. ByteSpeed will immediately fix or replace all DOA machines.
- Technicians can use ByteSpeed's online customer support system to submit repair issues, track repair issues, manage their inventory, look up the configuration of a ByteSpeed computer, and more. For a login to the support portal contact [helpdesk@bytespeed.com](mailto:helpdesk@bytespeed.com).



# ByteSpeed Support

Just make us aware of it...  
and we'll take care of it!

## Dedicated In-House Support Team

### Fast, Hassle-Free Support

ByteSpeed's certified tech support team consists of full-time employees located in-house at our Moorhead, MN location. There are no hassles, no holding on the phone, and you can talk to the same technician every time you call. We DO NOT outsource our tech support overseas, and when you call us you are guaranteed a real person. Our average tech support call is less than five minutes.



### Lifetime Tech Support

ByteSpeed understands that your computer equipment is vital to the success of your organization, and that is why we provide top-notch support throughout the entire life of your equipment with expertise from our dedicated in-house support team to resolve issues quickly to minimize downtime.

ByteSpeed's account managers and support team work closely with our customers to quickly resolve any repair and warranty issues. Customers can call, e-mail or submit a request for repairs through our on-line portal (more info below). Our technicians can also remote into your computers via the internet to diagnose problems if needed. In a majority of cases, our techs or our customer's techs can resolve the issue, whether it be a software, operating system, or a hardware failure.

### Online Support Community

In addition to the option of speaking immediately with an in-house technician, we offer support forums, a download center, and the ByteSpeed Vector Support Portal system.

### ByteSpeed Vector Support Portal

ByteSpeed's Vector Support Portal is web based, allowing account issues and information to be tracked and updated from any web browser. The support interface links through our central databases allowing customers to access their up-to-date account information from various ByteSpeed departments, including sales, tech support, RMAs, shipping, etc.

Here are a few highlights of the ByteSpeed Vector Support Portal:

- Create helpdesk tickets
- Track the repair status of your equipment (technicians update tickets as they are working on them)
- Request replacement parts and look up previous RMAs
- Track UPS shipments for RMAs, repairs, etc.
- View original invoice configurations of equipment
- Sort machine issues by serial number

*Note: ByteSpeed Vector Support Portal accounts are created upon request only.*

**"With so many larger companies using international tech support, it is nice to find a good ole' American company with Midwestern values. They stand behind their products and their goal is to make customers happy. They are a hidden secret that is hopefully spreading."**

*- Tami Sukup, District Technologist, Missouri Valley USD, IA*

### Certified Technicians

Our technicians have the following certifications: A+, Net+, Novell, MCP, MCITP, MCSA, MCTS, CompTIA A+, DCSE

### Questions? Problems?

Our in-house technicians are available to answer any of your questions or help you customize a solution that is a perfect fit for your organization.

### Support Availability

Our technicians are available Monday-Friday from 8am to 5pm CST.

### Contact Our Support Team:

Support schedule:  
Monday - Friday, 8am-5pm CST

[helpdesk@bytespeed.com](mailto:helpdesk@bytespeed.com)

Toll Free: 888-658-0715

Local: 218-227-0445

Fax: 218-227-0498





**“Try a Byte” Today!**  
*Test our products and experience our support and service firsthand.*

ByteSpeed offers a **30-Day Risk-Free Evaluation** that allows you to test our products and experience our outstanding service and support first hand - no strings attached!



*It's as easy as 1, 2, 3...*



**1.**

### **Tell Us What You'd Like to Try**

Check out our product line ([www.bytespeed.com](http://www.bytespeed.com)) and let us know which system you are interested in trying. We'll custom build a machine to your specifications and ship it to you at no charge. No paperwork or purchase orders needed.

**2.**

### **Test It Out**

While testing your system, we encourage you to call our tech support team and experience our fast, personalized support first hand. Our in-house technicians are available Mon-Fri 8 a.m. to 5 p.m. CST, and you can speak to the same technician every call. We also offer an online support community with support forums, download center, and portal system.



**3.**

### **Let Us Know What You Think**

At the end of your 30-day evaluation, you can either purchase the system or request a postage-paid label to return the eval system to ByteSpeed. Regardless of your final decision, we look forward to hearing about your experience with ByteSpeed!



***While anyone can sell you a computer, nobody compares to our technical support and service after your purchase!***



# Everyday **FREE** Shipping

**ByteSpeed is committed to giving you the most value for your money.**

That's why we offer reliable FREE shipping on all purchases, RMAs, and warranty items (with the exception of Chromebooks). And unlike many of our competitors, no minimum purchase is required. Free Shipping is just another reason to look to ByteSpeed for all your computing needs. NOTE: Chromebooks have free shipping on purchases, but customers must pay shipping on all repairs, even if under warranty.

## Free Shipping Means More Value for You!

### No Minimum Purchase

Purchase 1 or 5,000+ products.

### Track Your Shipments

Customers will receive an automated email with shipment information and tracking number.

### All Products Qualify

Even oversized products such as servers and laptop carts.

The ByteSpeed Vector Support Portal also enables customers to track UPS and FedEx shipments for RMAs, repairs, etc.

## Free Shipping Details

- ✓ Free Shipping offer is available in the contiguous United States only. Orders shipped to Alaska, Hawaii or international addresses do not qualify.
- ✓ All ByteSpeed warranty items will ship with pre-paid return labels for the part that needs replacement (with the exception of Chromebooks). It is important to use this label so ByteSpeed can properly execute warranty requests. Most warranty items will ship the same day.
- ✓ Expedited Shipping is available. Please contact your sales rep for custom quotes for expedited or custom shipping requests.
- ✓ Free Shipping offer is NOT valid on items that are not covered under warranty.
- ✓ Free shipping includes offloading products at delivery dock or front door. Lift gate service for palletized freight shipments is also included (if customer doesn't have a loading dock. Inside Delivery Service is NOT included (delivery past the front door).
- ✓ Chromebook exception: Chromebooks qualify for free shipping on purchases, but customers must pay shipping on all repairs, even if the Chromebook is under warranty.



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
2/20/2018

**THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.**

**IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).**

<b>PRODUCER</b> Dawson Insurance Agency 721 1st Avenue North Fargo ND 58107	<b>CONTACT NAME:</b> Cinder Buzick <b>PHONE (A/C, No, Ext):</b> 701-237-3311 <b>E-MAIL ADDRESS:</b> cinder@dawsonins.com	<b>FAX (A/C, No):</b> 701-232-4442	
	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
	INSURER A : CNA Insurance Group		
	INSURER B :		
	INSURER C :		
	INSURER D :		
	INSURER E :		
	INSURER F :		

**INSURED**  
 Bytespeed, LLC  
 3131 24th Avenue South  
 Moorhead MN 56560

**COVERAGES**                      **CERTIFICATE NUMBER: 1901641466**                      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			6042901111	7/18/2017	7/18/2018	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 100,000
							MED EXP (Any one person)	\$ 15,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
A	<input checked="" type="checkbox"/> <b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			6042901092	7/18/2017	7/18/2018	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
A	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			6042901125	7/18/2017	7/18/2018	EACH OCCURRENCE	\$ 5,000,000
							AGGREGATE	\$ 5,000,000
								\$
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In NH) <input type="checkbox"/> Y/N <input checked="" type="checkbox"/> N/A If yes, describe under DESCRIPTION OF OPERATIONS below			6042901108	7/18/2017	7/18/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER	
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
Worker's Compensation coverage applies in Minnesota.

## CERTIFICATE HOLDER

Sample

## CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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NORTH DAKOTA DISTRICT OFFICE  
657 2<sup>ND</sup> AVENUE NORTH, ROOM 360  
FARGO, ND 58102

April 2016

To Whom It May Concern:

BYTESPEED, LLC is registered in the System for Award Management (SAM) and per Federal Acquisition Regulation 52.212-3 Offeror Representations and Certifications is a small business concern.

BYTESPEED, LLC  
DUNS #123083052  
CAGE #5SZX3  
3131 – 24<sup>th</sup> Avenue S.  
Moorhead, MN 56560-5924

BYTESPEED's small business designation can be verified by contacting:

Sherri L. Komrosky, Business Opportunity Specialist  
U.S. Small Business Administration  
657 Second Avenue N., Room 360  
Fargo, ND 58102  
[sherri.komrosky@sba.gov](mailto:sherri.komrosky@sba.gov)  
701-239-5658

Sincerely,

A handwritten signature in black ink that reads 'Sherri Komrosky'. The signature is written in a cursive, flowing style.

Sherri Komrosky  
Business Opportunity Specialist



# The **ByteSpeed® Advantage**

**1.**

## **REDUCED DOWNTIME**

"Every computer I order comes ready to place in the classroom. And with their parts closet, there's no down time or waiting for critical units. Their technicians are experienced and quick to respond. ByteSpeed is not a vendor... they are a 'Partner in Education.'" - *Cindy Laird, Tech Coordinator, Nederland ISD, Nederland, TX*

**2.**

## **TRY A BYTE**

"ByteSpeed's 'try before you buy' program was great, and they have more than exceeded my expectations. Since my first purchase of computers a few years ago, I have not hesitated to return each year for more." - *Eddie Brunswick, Electronics Instructor/IT Administrator, Tennessee Technology Center, Newbern, TN*

**3.**

## **PERSONAL EXTENSION OF YOUR TECH SUPPORT**

"The help from ByteSpeed is like having an extra tech person on my staff. The quality, reliability and value of ByteSpeed products are awesome. Their people, support, and customer service is matchless." - *Ladonna Czachowski, Technology Facilitator, Pleasant Valley Community School District, Bettendorf, IA*

**4.**

## **INDUSTRY LEADING WARRANTIES**

"What stands out for me is the 5-year desktop and server warranty. I would go nowhere else for my computer systems in our school district. I appreciate working with a company that puts the customer first." - *Mark Branger, Technology/CTE/Assessment Director, Huntley Project, Worden, MT*

**5.**

## **FREE IMAGING**

"Although we have an imaging product in-house, ByteSpeed's imaging has saved us a lot of valuable time per unit." - *Randy Dover, VP/IT Officer, Cornerstone Community Bank, Chattanooga, TN*

**6.**

## **FREE PARTS CLOSET**

"The parts closet is an added bonus that really makes the difference when we need a part fast to get teachers back up and running. Returns for parts was a no-fuss process." - *Melissa Hardaway, Arcadia, LA*

**7.**

## **ADVANCED REPLACEMENT PARTS**

"All of their parts are top notch, and their servers have been bullet proof, with all genuine Intel parts. They can custom build just about anything you want, even if they don't have the parts on hand, they will get it." - *Mike Fisher, Network Administrator, Southeast Kansas Education Service Center, Girard, KS*

**8.**

## **MACHINE CUSTOMIZATION**

"We've been purchasing from ByteSpeed for 10 years. There are several reasons why we have standardized with ByteSpeed, and custom configuration options is one of our top reasons." - *Lynn Smith, Lead Network/Tech Specialist, Lincoln County School District, Newport, OR*

**9.**

## **FREE LIFETIME TECH SUPPORT**

"When we need service and support (which has been almost never), the ByteSpeed team has exceeded expectations and far out-performed the level of service we received from other vendors. ByteSpeed has our back!" - *Joe Thompson, Technology Manager, Indian Creek School, Crownsville, MD*

**10.**

## **FREE SHIPPING**

"If there are warranty issues beyond what we can repair ourselves, ByteSpeed pays shipping and handling both ways. I usually have a UPS packing slip within an hour of my phone call." - *Dawn Lewis, Technology Director, Smackover School District, Smackover, AR*