



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

**State of West Virginia
 Solicitation Response**

Proc Folder : 373108

Solicitation Description : (1) Dell Precision Tower PC or equivalent 6318B0028

Proc Type : Agency Purchase Order

Date issued	Solicitation Closes	Solicitation Response	Version
	2017-10-17 13:00:00	SR 0803 ESR10131700000001573	1

VENDOR
000000220925 Howard Industries Inc Howard Technology Solutions

Solicitation Number: ARFQ 0803 DOT1800000014

Total Bid : \$18,838.00 **Response Date:** 2017-10-13 **Response Time:** 14:59:25

Comments:

FOR INFORMATION CONTACT THE BUYER
 Dusty J Smith
 (304) 558-9398
 dusty.j.smith@wv.gov

Signature on File	FEIN #	DATE
--------------------------	---------------	-------------

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	(1) Dell Precision Tower PC or equivalent	1.00000	EA	\$18,838.000000	\$18,838.00

Comm Code	Manufacturer	Specification	Model #
43211502			

Extended Description :	(1) Dell Precision Tower 7000 Series workstation or equivalent
-------------------------------	--



State of West Virginia
Request For Quotation

Procurement Folder : 373108

Document Description : (1) Dell Precision Tower PC or equivalent 6318B0028

Procurement Type : Agency Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version	Phase
2017-10-04	2017-10-17 13:00:00	ARFQ 0803 DOT1800000014	1	Final

SUBMIT RESPONSES TO:	VENDOR
FINANCE & ADMINISTRATION DIVISION OF HIGHWAYS BLDG 5, RM A-220 1900 KANAWHA BLVD E CHARLESTON WV 25302 US	Vendor Name, Address and Telephone Howard Technology Solutions A division of Howard Industries, Inc. P.O. Box 1590, Laurel ms 39441 601.425.3181

FOR INFORMATION CONTACT THE

Dusty J Smith
(304) 558-9398
dusty.j.smith@wv.gov

Signature X *Jessica Hays* FEIN # **6A-0466A3** DATE **10/13/17**
 All offers subject to all terms and conditions contained in this solicitation
 Date Printed : Oct 04, 2017 Solicitation Number : DOT1800000014 Page : 1 FORM ID : WV-PRC-ARFQ-001

ADDITIONAL INFORMATION:

10/10/2017 - TECHNICAL QUESTIONS ARE DUE BY NOON EASTERN

10/17/17-BID CLOSES AT NOON.

INVOICE TO	SHIP TO
DIVISION OF HIGHWAYS INFORMATION SERVICE DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM 920 CHARLESTON WV25305-0430 US	DIVISION OF HIGHWAYS INFORMATION SERVICE DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM 920 CHARLESTON WV 25305-0430 US

Line	Commodity Line Description	Qty	Unit Issue	Unit Price	Total Price
1	(1) Dell Precision Tower PC or equivalent	1.00000	EA		18,838. ⁰⁰

Commodity Code	Manufacturer	Model #	Specification
43211502	Dell	338-BJNK	(E5-2697)

Extended Description

(1) Dell Precision Tower 7000 Series workstation or equivalent

SCHEDULE OF EVENTS

Line	Event	Event Date
1	TECHNICAL QUESTIONS DUE AT NOON	2017-10-10

DOT1800000014	Document Phase Final	Document Description (1) Dell Precision Tower PC or equivalent 6318B0028	Page 3 of 3
----------------------	--------------------------------	---	------------------------------

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

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.

Yareosia Ellis / Contracts Manager
(Name, Title)

(Printed Name and Title)
P.O. Box 1590 Laurel MS 39441
(Address)

601.425.5181 / 601.399.5077
(Phone Number) / (Fax Number)

bids@howardcomputers.com
(E-mail 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.

Howard Technology Solutions
A division of Howard Industries, Inc.

(Company)

Jessica Hayes
(Authorized Signature) (Representative Name, Title)

Jessica Hayes / Bid Specialist
(Printed Name and Title of Authorized Representative)

10/13/17
(Date)

601.425.3181 / 601.399.5077
(Phone Number) (Fax Number)

ADDENDUM ACKNOWLEDGEMENT FORM

SOLICITATION NO.:

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 type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input 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 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.

Howard Technology Solutions
A division of Howard Industries, Inc.

Company _____

Authorized Signature _____
Jessica Hays

Date _____
10/13/17

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

REQUEST FOR QUOTATION
GIS Power Workstation

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Department of Transportation is soliciting bids to establish a contract for the one time purchase of a Precision Tower 7000 Series (7910) or equivalent tower.
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 **“Contract Item”** means components provided by a qualified manufacturer that is authorized to sell the equipment as more fully described by these specifications.
 - 2.2 **“Pricing Page”** means the pages, contained in wvOASIS or attached as Exhibit A, upon which Vendor should list its proposed price for the Contract Items.
 - 2.3 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the Department of Transportation.
 - 2.4 **“CAS”** stands for column access strobe.
 - 2.5 **“MB”** stands for megabyte.
 - 2.6 **“GB”** stands for gigabyte.
 - 2.7 **“HW”** stands for hardware.
 - 2.8 **“DDR”** stands for distributed data structure.
 - 2.9 **“TB”** stands for terabyte.
 - 2.10 **“FIO”** stands for factory installed option.
 - 2.11 **“FBWC”** stands for flash based write cache.
 - 2.12 **“W”** stands for watt.
 - 2.13 **“GHZ”** stands for gigahertz.
 - 2.14 **“RAID”** stands for redundant array of independent disks.

**REQUEST FOR QUOTATION
GIS Power Workstation**

2.15 “RPM” stands for rotations per minute.

2.16 “SAS” stands for serial attached small computer serial interface.

2.17 “SATA” stands for serial advanced technology attachment.

3. GENERAL REQUIREMENTS:

3.1 Mandatory Contract Item Requirements: Contract Item must meet or exceed the mandatory requirements listed below.

3.1.1 Dell Precision Tower 7000 Series (7910) or equivalent hardware. Tower must include factory installed components listed below:

- Dual Intel Xeon Processor E5-2697 v4 (18C, 2.3GHz Turbo, 2400MHz, 45mb, 145w) or equivalent.
- Windows 10 Pro 64bit English, French, Spanish.
- No Office Productivity Software.
- Dell Precision T7910 1300W Chassis v2, BW or equivalent.
- Dua SLI NVIDIA Quadro P5000 16GB (4 DP, DL-DVI-D) for T7910 or equivalent.
- 192GB (8x8GB+8x16GB) 2400MHz DDR4 RDIMM ECC or equivalent
- Dual Processor Air Heat Pipe for T7910
- No Out-of-Band System Management.
- 2.5” 1TB SATA Class 20 Solid State Drive
- 2.5” 1TB SATA Class 20 Solid State Drive (Additional)
- 2.5” 1TB SATA Class 20 Solid State Drive (Additional)
- 2.5” 1TB SATA Class 20 Solid State Drive (Additional)
- 2.5” 1TB SATA Class 20 Solid State Drive (Additional)
- 2.5” 1TB SATA Class 20 Solid State Drive (Additional)
- C3 SATA/SSD 2.5 Inch, 5.8 Hard Drives
- MegaRAID SAS 9361-8i12Gb/s PCIe SATA/SAS HW Raid controller (1GB cache) – HW RAID 0,1,5,10 or equivalent.
- 8x DVD ROM Slimline Optical Drive
- Keyboard
- Mouse
- Integrated network interface card

REQUEST FOR QUOTATION
GIS Power Workstation

- Five Year Pro Support Plus with Next Business Day Onsite Service or equivalent.
- All hardware components and warranty/support must be provided directly by hardware manufacturer.

Alternate bids that are equal to, meet, or exceed the specifications and requirements listed are invited. In order to receive full consideration, such alternate bids must be accompanied by sufficient descriptive literature and/or samples to clearly identify the offer and allow for a complete evaluation.

The use of brand name or equal specifications is for describing the minimum standard of quality, technical performance and installation characteristics required and are not intended to limit or restrict competition.

Vendor must provide technical specifications with bid documentation.

4. CONTRACT AWARD:

4.1 Contract Award: The Contract is intended to provide Agencies with a purchase price for the 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 on the Pricing Pages.

4.2 Pricing Page: Vendor should complete the Pricing Page by providing a total cost for the hardware being requested. Vendor should complete the Pricing Page in full as failure to complete the Pricing Page in its entirety may result in Vendor's bid being disqualified.

Vendor should type or electronically enter the information into the Pricing Page to prevent errors in the evaluation.

5. PAYMENT:

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

REQUEST FOR QUOTATION
GIS Power Workstation

6. DELIVERY AND RETURN:

6.1 Shipment and Delivery: Vendor shall ship the Contract Items immediately after being awarded this Contract and receiving a purchase order or notice to proceed. Vendor shall deliver the Contract Items within (20) twenty work days after receiving a purchase order or notice to proceed. Final cost shall include shipping charges, delivery charges. Contract Items must be delivered to Department of Transportation/Highways Information Services, Building 5, Room 920. All server components must be installed in the server at time of delivery.

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

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

6.3 Delivery Payment/Risk of Loss: Vendor shall deliver the Contract Items F.O.B. destination to the Agency's location.

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 F.O.B. 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.

6.5 Return Due to Agency Error: Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. 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:

REQUEST FOR QUOTATION
GIS Power Workstation

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.

EXHIBIT A - PRICING PAGE

TOTAL INSTALLATION & DELIVERY COST			
LOCATION - BUILDING 5, ROOM 920 CHARLESTON, WV 25305			
Item Number	Description	Unit Price	TOTAL
1	(1) Dell Percision Tower 7000 Series 7910 or equivalent - must be configured as described in General Requirement Section 3 of the attached RFQ	18,838. ⁰⁰	18,838. ⁰⁰
Total			18,838. ⁰⁰

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 OTHER 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: Howard Technology Solutions
A division of Howard Industries, Inc.

Authorized Signature: Janica Haerys Date: 10/13/17

State of Mississippi

County of Wayne, to-wit:

Taken, subscribed, and sworn to before me this 13 day of October, 2017.

My Commission expires April 2, 2019, 2019



NOTARY PUBLIC Janica Haerys
Purchasing Affidavit (Revised 07/07/2017)

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37. (Does not apply to construction contracts). **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

1. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or**,
 Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification;
 Bidder is a resident vendor partnership, association, or corporation with at least eighty percent of ownership interest of bidder held by another entity that meets the applicable four year residency requirement; **or**,
 Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or**,
2. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,
3. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is a nonresident vendor that employs a minimum of one hundred state residents, or a nonresident vendor which has an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia and employs a minimum of one hundred state residents, and for purposes of producing or distributing the commodities or completing the project which is the subject of the bidder's bid and continuously over the entire term of the project, on average at least seventy-five percent of the bidder's employees or the bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years and the vendor's bid; **or**,
4. **Application is made for 5% vendor preference for the reason checked:**
 Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or**,
5. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
 Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or**,
6. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
 Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
7. **Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules.**
 Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) rescind the contract or purchase order; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Howard Technology Solutions
Division of Howard Industries, Inc.
Date: 10/13/17

Signed: Janice Hays
Title: Bid Specialist

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

Phone: 1.888.912.3151
 Fax: 1.601.399.5077
 Online: www.howardcomputers.com



Howard Computers
 P.O. Box 1588
 Laurel, MS 39441

Online Quotation

Quote No:	AT6 813443.00	Quote Date:	October 06, 2017
Customer Name:	Guy Nisbet	Phone Number:	3045582306
Company Name:	State of West Virginia	Fax Number:	3045583970
Quote Name:			

Item 1

Category	Description	Qty.	Unit Price	Ext. Price
System Type:	Accessories			
1:	Dual Intel® Xeon® Processor E5-2697 v4 (18C, 2.3GHz, 3.6GHz Turbo, 2400MHz, 45MB, 145W) Operating System Windows 10 Pro for Workstations (4 Cores Plus) Multi - English, French, Spanish Microsoft Application Software No Productivity Software Chassis Options Dell Precision T7910 1300W Chassis v2, BW Video Card Dua SLI NVIDIA® Quadro® P5000 16GB (4 DP, DL-DVI-D) for T7910 Memory 192GB (8x8GB+8x16GB) 2400MHz DDR4 RDIMM ECC Processor Cooler Options Dual Processor Air Heat Pipe for T7910 Systems Management No Out-of-Band Sys Mgmt Hard Drive 2.5' 1TB SATA Class 20 Solid State Drive 2nd Hard Drive 2.5' 1TB SATA Class 20 Solid State Drive (Additional) 3rd Hard Drive 2.5' 1TB SATA Class 20 Solid State Drive (Additional) 4th Hard Drive 2.5' 1TB SATA Class 20 Solid State Drive (Additional) 5th Hard Drive 2.5' 1TB SATA Class 20 Solid State Drive (Additional) 6th Hard Drive 2.5' 1TB SATA Class 20 Solid State Drive (Additional) 7th Hard Drive 2.5' 1TB SATA Class 20 Solid State Drive (Additional) 8th Hard Drive 2.5' 1TB SATA Class 20 Solid State Drive (Additional) Storage Volume Boot drive or boot volume is less than 2TB Internal Hard Drive Configuration C3 SATA/SSD 2.5 Inch, 5-8 Hard Drives HDD Controller MegaRAID SAS 9361-8i12Gb/s PCIe SATA/SAS HW RAID controller (1GB cache) - HW RAID 0,1,5,10 RAID Configuration/Connectivity No RAID Keyboard Dell KB216 Wired Keyboard English Black Mouse Dell MS116 Wired Mouse Black Teradici Remote Workstation Access Host Card No Dell Tera2 Remote Access host card for the Wyse P25 Zero Client Network Card No Network Card (Integrated NIC only) Sound No Add-in Sound Card (Integrated Audio) Thunderbolt Card Not Selected in this Configuration Additional Storage Devices No Media Card Reader CD ROM/DVD ROM 8x DVD ROM Slimline Speakers Internal Speaker Power Cords US Power Cord Documentation/Disks Safety/Environment and Regulatory Guide (English/French Multi-language) Placemat Quick Reference Guide Resource DVD Resource DVD not Included Operating System Recovery Options OS-Windows Media Not Included E-Star No Energy Star Optical Software CMS Essentials DVD no Media Dell Encryption and Threat Prevention No Dell Data Protection Endpoint Security Suite Software Dell Precision Tower 7910 Dell Precision Tower 7910 XCTO Base Chassis intrusion switch Chassis Intrusion Switch UPC Label No UPC Label External Speakers No External Speaker Reg MPN: 338-BJNK	1	\$18,838.00	\$18,838.00

Sub-Total:	\$18,838.00
Parts & Accessories Shipping:	Included
Taxes:	Tax Exempt
Total for Item 1:	\$18,838.00

This quote will expire November 05, 2017.
To expedite your order, please include your quote number with your Purchase Order.

Total for all pre-configured items

Sub-Total:	\$18,838.00
Parts & Accessories Shipping:	Included
Taxes:	Tax Exempt
Total:	\$18,838.00

Notes:

Pricing and availability subject to change without notice.
Packaging, Shipping, and Handling fees are not included unless specifically stated.
Prices and lease payments do not include applicable taxes.
Ship dates are approximations and are not guarantees.
Quick ship items not available in Alaska, Hawaii, or outside the United States.
Specific state laws may affect shipment of products.
If Purchaser fails to pay any invoice in full within the time quoted herein,
Seller may, without notice, accelerate the due date of all outstanding invoices
and require that all outstanding invoices, including any interest thereon, be
immediately due and payable in full.
For product return policies and information please visit:
http://www.howardcomputers.com/pdf/warranties/HTS_ReturnPolicy.pdf



Module	Description	Product Code	Sku	ID
Processor	Dual Intel® Xeon® Processor E5-2697 v4 (18C, 2.3GHz, 3.6GHz Turbo, 2400MHz, 45MB, 145W)	DE52697	[338-BJNK]	146
Operating System	Windows 10 Pro for Workstations (4 Cores Plus) Multi - English, French, Spanish	10P6T2M	[619-AMSU]	11
Microsoft Application Software	No Productivity Software	NOPSW	[630-AAPK]	1002
Chassis Options	Dell Precision T7910 1300W Chassis v2, BW	13006BW	[321-BCEO]	116
Video Card	Dual SLI NVIDIA® Quadro® P5000 16GB (4 DP, DL-DVI-D) for T7910	P5000S	[490-BDPD]	6
Memory	192GB (8x8GB+8x16GB) 2400MHz DDR4 RDIMM ECC	192G8RD	[370-ACRP]	3
Processor Cooler Options	Dual Processor Air Heat Pipe for T7910	DHEATSK	[412-AADL]	412
Systems Management	No Out-of-Band Sys Mgmt	NOVPRO	[631-AAKY]	49
Hard Drive	2.5" 1TB SATA Class 20 Solid State Drive	1TBSH	[400-AJWG]	8
2nd Hard Drive	2.5" 1TB SATA Class 20 Solid State Drive (Additional)	1TBSHA	[400-AJWD]	637
3rd Hard Drive	2.5" 1TB SATA Class 20 Solid State Drive (Additional)	1TBSHA	[400-AJWD]	54
4th Hard Drive	2.5" 1TB SATA Class 20 Solid State Drive (Additional)	1TBSHA	[400-AJWD]	51
5th Hard Drive	2.5" 1TB SATA Class 20 Solid State Drive (Additional)	1TBSHA	[400-AJWD]	52
6th Hard Drive	2.5" 1TB SATA Class 20 Solid State Drive (Additional)	1TBSHA	[400-AJWD]	53
7th Hard Drive	2.5" 1TB SATA Class 20 Solid State Drive (Additional)	1TBSHA	[400-AJWD]	71
8th Hard Drive	2.5" 1TB SATA Class 20 Solid State Drive (Additional)	1TBSHA	[400-AJWD]	72
Storage Volume	Boot drive or boot volume is less than 2TB	L2TB	[411-XXXY]	387

Internal Hard Drive Configuration	C3 5A1A/55D 2.5 Inch, 5-8 Hard Drives	C3	[449-BBIE]	276
HDD Controller	MegaRAID SAS 9361-8i12Gb/s PCIe SATA/SAS HW RAID controller (1GB cache) - HW RAID 0,1,5,10	9361	[403-BBHD]	9
RAID Configuration/Connectivity	No RAID	NORAID	[780-BBCJ]	1009
Keyboard	Dell KD216 Wired Keyboard English Black	US216B	[580-ADJC]	4
Mouse	Dell MS116 Wired Mouse Black	MS116B	[275-BBBW]	12
Teradici Remote Workstation Access Host Card	No Dell Tera2 Remote Access host card for the Wyse P25 Zero Client	NOCARD	[386-BBBE]	959
Network Card	No Network Card (Integrated NIC only)	NONIC	[555-BBJO]	13
Sound	No Add-in Sound Card (Integrated Audio)	NOSND	[510-BBBW]	17
Thunderbolt Card	Not Selected in this Configuration	NOTHB	[817-BBBC]	666
Additional Storage Devices	No Media Card Reader	NMCR	[385-BBBL]	10
CD ROM/DVD ROM	8x DVD ROM Slimline	DVDSL	[429-AAQE]	16
Speakers	Internal Speaker	INSPKR	[520-AADM]	18
Power Cords	US Power Cord	PCUS	[470-AATC]	20
Documentation/Disks	Safety/Environment and Regulatory Guide (English/French Multi-language)	EFDOC	[340-AGIK]	21
Placemat	Quick Reference Guide	PLMTW10	[340-AUKF]	60
Resource DVD	Resource DVD not included	NORDVD	[430-XXYU]	50
Operating System Recovery Options	OS-Windows Media Not Included	NOMEDIA	[620-AALW]	200013
E-Star	No Energy Star	NOESTAR	[387-BBBE]	122
Optical Software	CMS Essentials DVD no Media	CW8DN	[658-BBTV]	597
Dell Encryption and Threat Prevention	No Dell Data Protection Endpoint Security Suite Software	NODDP	[634-BENZ]	593
Dell Precision Tower 7910	Dell Precision Tower 7910 XCTO Base	T7910C	[210-ACQO]	1
Chassis intrusion switch	Chassis Intrusion Switch	MTISWT	[461-AAAB]	289
UPC Label	No UPC Label	NOUPC	[389-BDCE]	292
External Speakers	No External Speaker	NOEXSP	[520-AABF]	200095
Regulatory Label	Tower 7910 Regulatory Label DAO	REGDAO	[328-BBWN] [389-BFJT]	676
Processor Branding	Intel® Xeon® Label	IXEON	[389-BBRO]	749
Dell Backup & Recovery	No DBAR	NODBAR	[637-AAAM]	200076
Protect your new PC	No Security Software	NOSECSW	[650-AAAJ]	1014
			[340-AJFC] [422-0008] [525-BBCL] [640-BBES] [640-BBLW] [658-BBMQ] [658-BBMR] [658-BCUV]	
Non-Microsoft Application Software	Windows 10	WIN10		1003
Packaging	Dell Precision Packaging	SHPMTL	[328-BBET] [340-AEYP]	465
Adapters	No Accessories	NOACCES	[461-AABV]	592
Mounts and Monitor Stands	No Stand	NOSTND	[575-BBCH]	558
FGA Module	No FGA	NOFGA	[817-BBBB]	572
TPM Security	TPM	TPM	[329-BBJL] [997-5852] [997-5903] [997-5930] [997-5956] [997-5967]	297
Hardware Support Services	5 Years ProSupport Plus with Next Business Day Onsite Service	PPN5		29
Remote Advisory Services	Declined Remote Consulting Service	NORCS	[973-2426]	35
Canada Ship Options	Non-Canada orders only	USNONE	[332-1286]	111