

## BID SPECIFICATIONS

The Portsmouth School Department is seeking to purchase a Virtual Storage Area Network Expansion based on Dell VSAN Ready Nodes.

1. All equipment will be Dell equipment as specified below.
2. Furnished material shall be:

### Summary

Product	Description
<b>VMware Licensing</b>	
	Academic VMware Licensing As detailed below
<b>VSAN Ready Node</b>	
	PowerEdge R640 Server As detailed below
<b>Memory and Storage</b>	
	Dell Compatible Memory and Storage As detailed below

**BID PROPOSAL DETAIL**

Component #	Component	Product #	Product Description	Qty
1	VMware Licensing			
		ST6-AD-A	Academic VMware vSAN 6 Advanced for 1 processor	2
		ST6-AD-P-SSS-A	Academic Production Support/Subscription for VMware vSAN 6 Advanced for 1 processor for 1 year	2
		Horizon-Trial-STD	Horizon Standard Trial Migration Licenses 150 Concurrent	150
2	VSAN Ready Node			
		210-AKWU	PowerEdge R640 Server	1
			As detailed below	1
		329-BELJ	PowerEdge R640 MLK Motherboard	1
		461-AADZ	No Trusted Platform Module	1
		321-BCQL	2.5 Chassis with up to 10 Hard Drives and 3PCIe slots	1
		340-BKNE	PowerEdge R640 Shipping	1
		340-COPR	PowerEdge R640 x4 and x10 Drive Shipping Material	1
		338-BRVH	Intel Xeon Gold 5218 2.3G, 16C/32T, 10.4GT/s, 22M Cache, Turbo, HT (125W) DDR4-2666	1
		338-BRVH	Intel Xeon Gold 5218 2.3G, 16C/32T, 10.4GT/s, 22M Cache, Turbo, HT (125W) DDR4-2666	1
		379-BDCO	Additional Processor Selected	1
		370-ABWE	DIMM Blanks for System with 2 Processors	1
		412-AAIQ	Standard 1U Heatsink	1
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		370-AEPP	2933MT/s RDIMMs	1
		370-AAIP	Performance Optimized	1
		780-BCDI	No RAID	1
		405-AAJU	HBA330 12Gbps SAS HBA Controller (NON-RAID), Minicard	1
		619-ABVR	No Operating System	1
		421-5736	No Media Required	1
		385-BBKT	iDRAC9,Enterprise	1
		379-BCQV	iDRAC Group Manager, Enabled	1
		379-BCSG	iDRAC,Legacy Password	1
		330-BBGN	Riser Config 2, 3x16 LP	1
		540-BBCB	Intel i350 Quad Port 1GbE BASE-T, rNDC	1
		385-BBLE	IDSMD and Combo Card Reader	1
		385-BBCF	Redundant SD Cards Enabled	1
		385-	32GB microSDHC/SDXC Card	1

Component #	Component	Product #	Product Description	Qty
		<b>BBKH</b>		
		<b>385-BBKH</b>	32GB microSDHC/SDXC Card	1
		<b>429-AAIQ</b>	No Internal Optical Drive	1
		<b>384-BBQJ</b>	8 Standard Fans for R640	1
		<b>450-ADWS</b>	Dual, Hot-plug, Redundant Power Supply (1+1), 750W	1
		<b>350-BBBW</b>	No Bezel	1
		<b>350-BBJT</b>	Dell EMC Luggage Tag for x10	1
		<b>350-BBKC</b>	Quick Sync 2 (At-the-box mgmt)	1
		<b>750-AABF</b>	Power Saving Dell Active Power Controller	1
		<b>800-BBDM</b>	UEFI BIOS Boot Mode with GPT Partition	1
		<b>770-BBBC</b>	ReadyRails Sliding Rails Without Cable Management Arm	1
		<b>631-AACK</b>	No Systems Documentation, No OpenManage DVD Kit	1
		<b>332-1286</b>	US Order	1
		<b>389-DSVE</b>	PowerEdge R640 CE, CCC, BIS Marking	1
		<b>709-BBFM</b>	Basic Next Business Day 36 Months	1
		<b>865-BBND</b>	ProSupport Plus and Next Business Day Onsite Service Initial, 36 Month(s)	1
		<b>900-9997</b>	On-Site Installation Declined	1
		<b>370-AEQH</b>	32GB RDIMM, 2933MT/s, Dual Rank	24
		<b>400-AZTN</b>	1.92TB SSD SATA Mix Use 6Gbps 512 2.5in Hot-plug AG Drive, 3 DWPD, 10512 TBW	8
		<b>400-BDJL</b>	400GB SSD SAS Write Intensive 12Gbps 512e 2.5in Hot Plug Drive, PM5-M, 10 DWPD, 7300 TBW	2
		<b>540-BBDG</b>	Intel X520 Dual Port 10GbE SFP+ Adapter, PCIe Low Profile	1
		<b>492-BBDH</b>	Jumper Cord - C13/C14, 0.6M, 250V, 13A (North American, Guam, North Marianas, Philippines, Samoa)	2
3	Memory and Storage			
		<b>400-BDHR</b>	Dell 400GB SSD SAS Write Intensive 12Gbps 512e 2.5in Hot-plug Drive, PM5-M	3
		<b>400-BDUO</b>	Dell 1.92TB SSD SATA Mix Use 6Gbps 512e 2.5in Drive S4610	12
		<b>TN78Y-OEM</b>	32GB PC4-21300 2666MHZ 2Rx4 RDIMNM	48