

Memorandum

Date: September 26, 2019
Board Date: October 8, 2019
To: Board of Supervisors
From: Julie Morgan, Asst. to the CAO
Subject: Storage Area Network Solution

BACKGROUND

The Lassen County Board of Supervisors approved the first centralized Storage Area Network (the SAN) in 2013. The current system is nearing hardware end-of-support.

ISD has been planning and saving for this upgrade. This is the most critical data system with the County's IT infrastructure.

SAN solutions save costs through centralization (sharing) of resources, ease of administration & data systems management for County Departments.

RECOMMENDATION

Respectfully recommend that the Board approve the purchase of a replacement SAN as outlined in the attached materials for an amount not to exceed \$155,000.

FISCAL IMPACT

The Server Storage System will be paid from the Internal Services Fund and the appropriation is included in the 2019-20 budget. Departments have already contributed their share of costs for the system through the annual ISD support charges.

The Information Services Department has obtained three mass purchasing contract quotes for each of the three system components listed below:

- | | |
|---------------------------------------------|-------------|
| • Dell—Server Hardware (Dell Direct) | \$54,550.38 |
| • Cisco Networking—Allied Network Solutions | \$40,561.48 |
| • Nimble Storage—CDW | \$59,030.25 |

County staff and the County's current contract with the Lassen County Office of Education will cover system integration costs for this project.



A quote for your consideration.

Based on your business needs, we put the following quote together to help with your purchase decision. Below is a detailed summary of the quote we've created to help you with your purchase decision.

To proceed with this quote, you may respond to this email, order online through your **Premier page**, or, if you do not have Premier, use this **Quote to Order**.

Quote No.	3000046092412.1	Sales Rep	Zach Salih
Total	\$54,550.38	Phone	(800) 456-3355, 5132450
Customer #	5444767	Email	Zach_Salih@Dell.com
Quoted On	Sep. 11, 2019	Billing To	MS ACCOUNTS PAYABLE
Expires by	Oct. 11, 2019		LASSEN COUNTY
Solution ID	11524107		221 S ROOP ST
Deal ID	16258742		STE 4
			SUSANVILLE, CA 96130-4339

Message from your Sales Rep

Please contact your Dell sales representative if you have any questions or when you're ready to place an order. Thank you for shopping with Dell!

Regards,
Zach Salih

Shipping Group

Shipping To	Shipping Method
JASON HOUSEL LASSEN COUNTY 220 S LASSEN ST STE 1 SUSANVILLE, CA 96130-4567 (530) 251-8516	Standard Delivery

Product	Unit Price	Qty	Subtotal
PowerEdge R740 - [amer_r740_12248]	\$17,144.19	3	\$51,432.57

Subtotal:	\$51,432.57
Shipping:	\$0.00
Non-Taxable Amount:	\$8,428.11
Taxable Amount:	\$43,004.46
Estimated Tax:	\$3,117.81

Total:	\$54,550.38
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Special lease pricing may be available for qualified customers and offers. Please contact your DFS Sales Representative for details.

Shipping Group Details

Shipping To

JASON HOUSEL
LASSEN COUNTY
220 S LASSEN ST
STE 1
SUSANVILLE, CA 96130-4567
(530) 251-8516

Shipping Method

Standard Delivery

PowerEdge R740 - [amer_r740_12248]		\$17,144.19	Qty 3	Subtotal \$51,432.57
Estimated delivery if purchased today: Sep. 27, 2019 Contract # WN03AGW Customer Agreement # MNWNC-108/7157034003				
Description	SKU	Unit Price	Qty	Subtotal
PowerEdge R740 Server	210-AKXJ	-	3	-
PowerEdge R740/R740XD Motherboard	329-BDKH	-	3	-
Trusted Platform Module 2.0	461-AAEM	-	3	-
Chassis with up to 8 x 3.5" SAS/SATA Hard Drives for 2CPU Configuration	321-BCSO	-	3	-
PowerEdge R740 Shipping	340-BLKS	-	3	-
PowerEdge R740 Shipping Material	343-BBFU	-	3	-
Intel Xeon Gold 6126 2.6G, 12C/24T, 10.4GT/s , 19.25M Cache, Turbo, HT (125W) DDR4-2666	338-BLLY	-	3	-
Intel Xeon Gold 6126 2.6G, 12C/24T, 10.4GT/s , 19.25M Cache, Turbo, HT (125W) DDR4-2666	374-BBNT	-	3	-
Standard 1U Heatsink	412-AAIQ	-	3	-
Standard 1U Heatsink	412-AAIQ	-	3	-
2666MT/s RDIMMs	370-ADNU	-	3	-
Performance Optimized	370-AAIP	-	3	-
Unconfigured RAID	780-BCDS	-	3	-
PERC H330 RAID Controller, Adapter, Low Profile	405-AANP	-	3	-
BOSS controller card + with 2 M.2 Sticks 240G (RAID 1),FH	403-BBPT	-	3	-
No Operating System	619-ABVR	-	3	-
No Media Required	421-5736	-	3	-
iDRAC Group Manager, Disabled	379-BCQY	-	3	-
iDRAC,Factory Generated Password	379-BCSF	-	3	-
Riser Config 3, 2 x8, 3 x16 slots	330-BBHE	-	3	-
Broadcom 5720 Quad Port 1GbE BASE-T, rNDC	540-BBBW	-	3	-
No Internal Optical Drive	429-ABBJ	-	3	-
6 Standard Fans for R740/740XD	384-BBPY	-	3	-
Dual, Hot-plug, Redundant Power Supply (1+1), 750W	450-ADWS	-	3	-
No Bezel	350-BBBW	-	3	-

Dell EMC Luggage Tag	350-BBKG	-	3	-
No Quick Sync	350-BBJV	-	3	-
Performance BIOS Settings	384-BBBL	-	3	-
ReadyRails Sliding Rails With Cable Management Arm	770-BBBR	-	3	-
No Systems Documentation, No OpenManage DVD Kit	631-AACK	-	3	-
US Order	332-1286	-	3	-
Dell Hardware Limited Warranty Plus On-Site Service	813-9119	-	3	-
ProSupport: Next Business Day On-Site Service After Problem Diagnosis, 7 Years	813-9128	-	3	-
ProSupport: 7x24 HW/SW Technical Support and Assistance, 7 Years	813-9144	-	3	-
Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800- 945-3355	989-3439	-	3	-
On-Site Installation Declined	900-9997	-	3	-
Declined Remote Consulting Service	973-2426	-	3	-
32GB RDIMM 2666MT/s Dual Rank	370-ADNF	-	48	-
1TB 7.2K RPM SATA 6Gbps 512n 3.5in Hot-plug Hard Drive	400-ASHH	-	3	-
iDRAC9,Enterprise	385-BBKT	-	3	-
Intel X710 Quad Port 10GbE BASE-T Adapter, PCIe Full Height	540-BBUX	-	9	-
NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord, North America	450-AALV	-	6	-

Subtotal:	\$51,432.57
Shipping:	\$0.00
Estimated Tax:	\$3,117.81
Total:	\$54,550.38

Important Notes

Terms of Sale

Unless you have a separate written agreement that specifically applies to this order, your order will be subject to and governed by the following agreements, each of which are incorporated herein by reference and available in hardcopy from Dell at your request: Dell's Terms of Sale, which include a binding consumer arbitration provision and incorporate Dell's U.S. Return Policy and Warranty (for Consumer warranties; for Commercial warranties).

If this purchase includes software: in addition to the foregoing applicable terms, your use of the software is subject to the license terms accompanying the software, and in the absence of such terms, then use of the Dell-branded application software is subject to the Dell End User License Agreement - Type A and use of the Dell-branded system software is subject to the Dell End User License Agreement - Type S.

If your purchase is for Mozy, in addition to the foregoing applicable terms, your use of the Mozy service is subject to the terms and conditions located at <https://mozy.com/about/legal/terms>.

If your purchase is for Boomi services or support, your use of the Boomi Services (and related professional service) is subject to the terms and conditions located at <https://boomi.com/msa>.

If your purchase is for Secureworks services or support, your use of the Secureworks services (and related professional service) is subject to the terms and conditions located at <https://www.secureworks.com/eula/eula-us>.

If this purchase is for (a) a storage product identified in the DELL EMC Satisfaction Guarantee Terms and Conditions located at ("Satisfaction Guarantee") and (ii) three (3) years of a ProSupport Service for such storage product, in addition to the foregoing applicable terms, such storage product is subject to the Satisfaction Guarantee.

You acknowledge having read and agree to be bound by the foregoing applicable terms in their entirety. Any terms and conditions set forth in your purchase order or any other correspondence that are in addition to, inconsistent or in conflict with, the foregoing applicable online terms will be of no force or effect unless specifically agreed to in a writing signed by Dell that expressly references such terms.

Pricing, Taxes, and Additional Information

All product, pricing, and other information is valid for U.S. customers and U.S. addresses only, and is based on the latest information available and may be subject to change. Dell reserves the right to cancel quotes and orders arising from pricing or other errors. Please indicate any tax-exempt status on your PO, and fax your exemption certificate, including your Customer Number, to the Dell Tax Department at 800-433-9023. Please ensure that your tax-exemption certificate reflects the correct Dell entity name: **Dell Marketing L.P.**

Note: All tax quoted above is an estimate; final taxes will be listed on the invoice.

If you have any questions regarding tax please send an e-mail to Tax_Department@dell.com.

For certain products shipped to end-users in California, a State Environmental Fee will be applied to your invoice. Dell encourages customers to dispose of electronic equipment properly.



Allied Network Solutions, Inc.
 5718 Lonetree Blvd.
 Rocklin, CA 95765
 Phone: 916-774-2670
 Fax: 916-774-2654
 FEIN# 68-0480187

QUOTE #:	ANSQ101138-01
Date:	09/10/2019
DVBE Certification# 24852	
CA Seller Permit# SR KH 97-902196	

Prepared For:

Jason Housel
 County of Lassen
 220 S Lassen Street
 Suite 1
 Susanville, CA 96130
 U.S.A.

Ship To:

Jason Housel
 County of Lassen
 220 S Lassen Street
 Suite 1
 Susanville, CA 96130
 U.S.A.

Prepared By:

Zak Berg
 Account Manager
 zberg@ans-it.com

Phone (530)251-8516

Phone (530)251-8516

(916) 774-2670 x114

Contract Number	Payment Terms	FOB	Valid Through
AR233(14-19)/7-14-70-04	NET 30	Destination, Freight PPD	10/10/2019

Part Number	Manufacturer	Qty	Unit Price	Extended Price	Taxable?
Product Description					
N9K-C93108TC-EX	Cisco	2	\$16,160.00	\$32,320.00	Y
Nexus 9300 with 48p 10G BASE-T and 6p 100G QSFP28					
CON-SNT-93108TCX	Cisco	10	\$548.00	\$5,480.00	N
SNTC-8X5XNBD Nexus 9300 with 48p 10G BASE-T and 6p 10 *Quantity 10 represents 5 years of coverage for 2 units*					
NXOS-9.3.1	Cisco	2	\$0.00	\$0.00	Y
Nexus 9500, 9300, 3000 Base NX-OS Software Rel 9.3.1					
N3K-C3064-ACC-KIT	Cisco	2	\$0.00	\$0.00	Y
Nexus 3K/9K Fixed Accessory Kit					
NXA-FAN-30CFM-F	Cisco	8	\$0.00	\$0.00	Y
Nexus 2K/3K/9K Single Fan, port side exhaust airflow					
N9K-PUV-1200W	Cisco	4	\$97.50	\$390.00	Y
Nexus 9300 1200W, 200-277AC, 240-380DC, Dual airflow PSU					
CAB-HVAC-C14-2M	Cisco	4	\$0.00	\$0.00	Y
HVAC power cable for C14, 2 meters					

Part Number	Manufacturer	Qty	Unit Price	Extended Price	Taxable?
Product Description					

SubTotal	\$38,190.00
Sales Tax 0.07250	\$2,371.48
Shipping	\$0.00
TOTAL	\$40,561.48

Thank you for the opportunity to provide this quote. Quoted prices assume dock-to-dock delivery. Additional charges may apply for inside delivery, liftgate truck, etc. Please advise your sales rep if special delivery is required. Please reference quote number in the upper right-hand corner on any purchase order resulting from this quote. Prices quoted are contingent upon contract award of all items. Manufacturer's return policy applies to all items. Return of items may require a restocking fee.

QUOTE CONFIRMATION



DEAR JASON HOUSEL,

Thank you for considering CDW•G for your computing needs. The details of your quote are below. [Click here](#) to convert your quote to an order.

QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
KWMQ108	9/12/2019	KPXP048	5207524	\$59,030.25

IMPORTANT - PLEASE READ

Special Instructions: Note: Terms 60 Months

QUOTE DETAILS

ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
<u>Nimble Storage Adaptive Flash HF-Series HF20 - solid state / hard drive arr</u> Mfg. Part#: HF20-2T-42T-L UNSPSC: 43201802 Contract: CalSAVE Technology Contract 527683 (527683)	1	5118966	\$44,900.00	\$44,900.00
<u>NIMBLE NBD PARTS DEL SW SUP</u> Mfg. Part#: SLA-NBD Electronic distribution - NO MEDIA Contract: CalSAVE Technology Contract 527683 (527683)	1	3548199	\$10,875.00	\$10,875.00

PURCHASER BILLING INFO	SUBTOTAL	\$55,775.00
Billing Address: COUNTY OF LASSEN ACCOUNTS PAYABLE 221 S ROOP ST STE 4 SUSANVILLE, CA 96130-4339 Phone: (530) 251-8333 Payment Terms: Net 30 Days-Govt State/Local	SHIPPING	\$0.00
	SALES TAX	\$3,255.25
	GRAND TOTAL	\$59,030.25
	Please remit payments to: CDW Government 75 Remittance Drive Suite 1515 Chicago, IL 60675-1515	
DELIVER TO		
Shipping Address: COUNTY OF LASSEN JASON HOUSEL 221 S ROOP ST STE 4 SUSANVILLE, CA 96130-4339 Phone: (530) 251-8333 Shipping Method: DROP SHIP-GROUND		

Need Assistance? CDW•G SALES CONTACT INFORMATION



Brian Clouser

(866) 339-4119

briaclo@cdwg.com

This quote is subject to CDW's Terms and Conditions of Sales and Service Projects at <http://www.cdwg.com/content/terms-conditions/product-sales.aspx>.
For more information, contact a CDW account manager

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