

Memorandum

Date: June 10, 2015
To: Anita Lopez, Secretary of the Data Processing Board
Cc: Karen Schnitkey
From: Julie Riley

Lucas County Solid Waste Management District is requesting to replace the current Windows 2003 Server to support LCSWMD network infrastructure needs. Microsoft support for the current server will end on July 14, 2015. The replacement server will be installed at Lucas County Solid Waste and supported by LCIS. The current tape backup solution will be replaced with an IBM Tivoli solution.

The proposed server will be a Dell PowerEdge R515 configured with 32GB Memory, AMD Opteron 3.1 GHz 6 Core CPU, and 6 Hard Drives in Raid 6 configuration. The server will be installed with Windows 2012 Standard Edition. Additional components to support the server will be a replacement UPS. See Dell Quote#708333791 for additional details.

LCSW is requesting installation assistance as well as ongoing monitoring of the server and backup solution by LCIS.

Components and Pricing	
Dell PowerEdge R515 Server	4688.34
Smart UPS 1000VA RM	455.20
IBM Tivoli Licenses – 300 PVU	2100.00 initial cost / 690.00 Annual Renewal
Total Initial Cost	7243.54

To support a Tivoli Backup solution the WAN connection to LCSW must be upgraded to 10Mbps. There will be a monthly charge to LCSW in the amount of 180 dollars.

Attached you will find the specs for the above. These specs came from Jeremy Burnat at LCIS. We will be purchasing these from fund code 5050-0530-530100 and there is enough money in this account.

jr

Attachments

**QUOTATION**

Quote #: 708333791
 Customer #: 35848891
 Contract #: WN23ACA
 Customer Agreement #: 0A1068
 Quote Date: 05/26/2015
 Customer Name: LUCAS CTY INFORMATION SERVICES

Date: 5/26/2015

Thanks for choosing Dell! Your quote is detailed below; please review the quote for product and informational accuracy. If you find errors or desire certain changes please contact your sales professional as soon as possible.

Sales Professional Information

SALES REP: CATHERINE HODGES PHONE: 1800 - 4563355
 Email Address: Matthew.Brisendine@Dell.com Phone Ext: 80000

GROUP: 1 QUANTITY: 1 SYSTEM PRICE: \$4,688.34 GROUP TOTAL: \$4,688.34

Description	Quantity
PE R515 with up to 12 Hot Swap Hard Drives, LED and AMD Opteron 42XX Procs (225-2371)	1
PowerEdge R515 Shipping, 12HD Chassis (331-0537)	1
32GB Memory,(2x16GB) 1600MT/s, Dual Rank LVRDIMMs at Std Volt, for 1 Processor (319-1829)	1
AMD Opteron 4334, 3.1GHz, 6C, Turbo CORE, 6M L2/8M L3, 1600Mhz Max Mem (319-1510)	1
No Second Processor (311-3928)	1
Single Processor Only (317-5472)	1
HD Multi-Select (341-4158)	1
PERC Battery Cable, R510 (330-5575)	1
PERC 7 Cable, 12 Hard Drive Configuration (330-9853)	1
PERC H700 Integrated RAID Controller, 512MB Cache (342-0371)	1
Windows Server 2012 Standard Edition,Factory Installed, No Media, 2 Socket, 2 VMs (421-9147)	1
One Two-Port Embedded Broadcom NetXtreme II 5716 Gigabit Ethernet NIC (331-0540)	1
iDRAC6 Enterprise (430-3897)	1
No Internal Optical Drive (313-8574)	1
Bezel (313-8551)	1
Electronic System Documentation and OpenManage DVD Kit (331-0539)	1
SAS 6Gbps HBA External Controller (342-0615)	1
RAID 6 for PERC H700 Controllers, x8 and x12 Chassis (342-1738)	1
ReadyRails Sliding Rails with Cable Management Arm (330-6276)	1
Pro Support : Next Business Day Onsite Service After Problem Diagnosis, 4 Year Extended (925-3744)	1
ProSupport : 7x24 HW / SW Tech Support and Assistance , 5 Year (925-3784)	1
Dell Hardware Limited Warranty Plus On Site Service Initial Year (925-6607)	1
Dell Hardware Limited Warranty Plus On Site Service Extended Year (932-0078)	1
Pro Support : Next Business Day Onsite Service After Problem Diagnosis, Initial Year (936-2180)	1

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On-Site Installation Declined (900-9997)	1
Declined Remote Consulting Service (973-2426)	1
750 Watt Redundant Power Supply (330-6598)	1
80GB Microsoft OS Partition OvOverride (420-6967)	1
Power Cord, NEMA 5-15P to C13, 15 amp, wall plug, 10 feet / 3 meter (310-8509)	1
Power Cord, NEMA 5-15P to C13, 15 amp, wall plug, 10 feet / 3 meter (310-8509)	1
Optical Mouse, Two Buttons, USB, Black (331-0846)	1
Dell QuietKey Keyboard, No Hot Keys, English, No Palmrest, ESG (331-2254)	1
Dell 17 Monitor - E1715S (480-ACFR)	1
Windows Server 2012 Standard Edition,Media Kit (421-9150)	1
500GB 7.2K RPM SATA 3Gbps 3.5in Hot-plug Hard Drive (341-8728)	6

SOFTWARE & ACCESSORIES**GROUP TOTAL: \$455.20**

Product	Quantity	Unit Price	Total
SMART UPS 1000VA RM 120V 2U LCD (A4495311)	1	\$455.20	\$455.20

*Total Purchase Price:	\$5,143.54
Product Subtotal:	\$5,143.54
Tax:	\$0.00
Shipping & Handling:	\$0.00
State Environmental Fee:	\$0.00
Shipping Method:	LTL 5 DAY OR LESS
	(* Amount denoted in \$)

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Processor Value Units summary

Server vendor	Server brand	Processor vendor	Processor brand	Processor type	Processor model number	Value units per core	Processor core quantity	Total value units
x86 architecture								
Dell	PowerEdge	AMD	Opteron	Multi-core	All Existing	50	<input type="text" value="6"/>	300
Your value units total								300

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Add additional configuration(s)

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7/2/2015 8:45:13 AM

Cart Contents

Item	Quantity	Estimated Ship Date	Price
 <p>Add to List</p>	1	7/28/2015	\$8,436.00
			(\$2,868.24)
			(\$300.00)
			\$5,267.76

Catalog Number

84 / pe_r530_1451

Category	Description	Code	SKU	ID
PowerEdge R530	PowerEdge R530 Server, No TPM	R530	[210-ADLM] [329-BCBR]	1
Chassis Configuration	3.5" Chassis with up to 8 Hot Plug Hard Drives	8HDHPH	[321-BBOO]	1530
Shipping	PowerEdge R530 Shipping	SHIP	[340-AMMW]	1500
Processor	Intel® Xeon® E5-2603 v3 1.6GHz,15M Cache,6.40GT/s QPI,No Turbo,No HT,6C/6T (85W) Max Mem 1600MHz	8516	[338-BGGB]	1550
Additional Processor	No Additional Processor	1P	[374-BBBX]	1551
Memory DIMM Type and Speed	2133MT/s RDIMMs	R2133	[370-ABUF]	1561
Memory Configuration Type	Performance Optimized	PEOPT	[370-AAIP]	1562
Memory Capacity	(2) 16GB RDIMM, 2133MT/s, Dual Rank, x4 Data Width	16G2R	[370-ABUG]	1560
Operating System	Windows Server® 2012R2,Standard Ed,Factory WS2012R Inst,No MED,25KT,2VM,NO CAL		[618-BBDS]	1650
OS Media Kits	Windows Server® 2012R2,STD Ed,Media Kit w/Factory Inst STD DGRD Images	WINSTD	[634-BBOZ]	1652
RAID Configuration	RAID 6 for H730/H730P (4-8 HDDs or SSDs)	R6H	[780-BBOS]	1540
RAID Controller	PERC H730 RAID Controller, 1GB NV Cache	H7301G	[405-AAEG]	1541
Hard Drives	(6) 500GB 7.2K RPM NLSAS 6Gbps 2.5in Hot-plug Hard Drive,3.5in HYB CARR	500H72	[400-AEEP]	1570
PCIe Riser	No PCIe Riser	NOPCIE	[330-BBEB]	1510
Additional Network Cards	On-Board Broadcom 5720 Quad Port 1Gb LOM	OBNICQ	[542-BBCO]	1514
Power Supply	Dual, Hot-plug, Redundant Power Supply (1+1),750R 750W		[450-AEHH]	1620
Power Cords	(2) C13 to C14, PDU Style, 12 AMP, 2 Feet (.6m) Power Cord, North America	2FTUS	[492-BBDH]	1621
Power Management BIOS Settings	Performance BIOS Setting	HPBIOS	[384-BBBL]	1533
Rack Rails	ReadyRails™ Static Rails for 2/4-post Racks	STATIC	[770-BBBE]	1610
Bezel	Bezel	BEZEL	[350-BBEJ]	1532
Internal Optical Drive	No Internal Optical Drive	NODVD	[429-AAIQ] [429-AAOJ]	1600
System Documentation	Electronic System Documentation and OpenManage DVD Kit for R530	EDOCS	[430-XYJR]	1590
Processor Thermal Configuration	1 CPU Standard	1CPU	[412-AAFF]	1697

Embedded Systems Management	IDRAC8 Enterprise, integrated Dell Remote Access Controller, Enterprise	I8ENT	[330-BBDX] [385-BBHO]	1520
Shipping Information	US No Canada Ship Charge	USNONE	[332-1286]	111
Hardware Support Services	5 Year ProSupport and NBD On-site Service	USIP	[989-3439] [997-1979] [997-1986] [997-1987]	29
Proactive Systems Management	Dell Proactive Systems Management - Declined	NOPSM	[909-0259]	30
Installation Services	No Installation	NOINSTL	[900-9997]	32
Remote Consulting Service	Declined Remote Consulting Service	NORCS	[973-2426]	35



Dell 23 Monitor, P2314H, 23" Dell Flat Panel Monitor 1

Available to ship in 0 - 2 business days

\$259.99
(\$72.80)

\$187.19



3Yr PREMIUM PANEL Ltd. Warranty, 3 yr Advanced Exchange 1
3Yr PREMIUM PANEL Ltd. Warranty, 3 yr Advanced Exchange

\$0.00



SMART UPS 1000VA RM 120V 2U LCD 1
Manufacturer Part#: SMT1000RM2U
Dell Part#: A4495311
Premier Discount

7/14/2015

\$569.00

(\$67.68)

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\$501.32

Price does not reflect applicable shipping, taxes and state environmental fee.

Subtotal \$5,956.27

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Dell	PowerEdge	Intel®	Xeon®, 1 or 2 Socket	Multi- core	E5- 14xx16xx24xx26xx46xx, E748xx88xx	70	<input type="text" value="6"/>	420
Your value units total								420

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