



AGENDA ITEM # 10A

AGENDA ITEM EXECUTIVE SUMMARY

Village Board Meeting

September 9, 2019

Item Title: Information Technology Network Equipment Purchase

Staff Contact: Jason Bielawski, Assistant Village Administrator

VILLAGE BOARD ACTION

Adopt a resolution authorizing the Village Administrator to purchase network storage arrays and servers from Dell Inc. in the amount of \$49,577.67.

Executive Summary:

The purchase of this equipment will upgrade the core of the Village's network, which consists of a storage area network (SAN) and two physical servers that host the Village's virtualized network. The existing equipment was purchased in 2015 and no longer provides optimal storage or network resources and therefore is in need of an upgrade. The FY 2019 budget includes \$51,000 that will be used to purchase the new equipment. The budget detail includes \$35,000 for the upgrade to the SAN and host servers as well as \$10,000 for a replacement server at Public Works, and \$6,000 for new network switches.

The attached quotes from Dell reflect the purchase of an upgraded SAN in the amount of \$31,605.42 and three servers in the amount of \$17,972.25. The SAN is a dedicated high-speed network that provides shared storage for all the Village's servers. The new SAN will provide enhanced storage capacity increasing from 9TB to 15TB allowing for future growth. The SAN will also provide network switching capabilities thereby eliminating the need to purchase separate replacement switches.

The three servers will replace the existing two core servers that host the Village's virtual environment. The existing virtual environment consisting of two host servers has reached its maximum capacity preventing the further deployment of virtualized servers. The addition of a third host server will not only provide increased capacity but also improve resiliency and recovery by allowing additional server resources to be shared across the network. A virtual environment leverages software to divide a physical server into multiple isolated virtual servers and is therefore the most efficient use of server resources by improving server availability, assisting in disaster recovery, testing and deployment of new virtual servers, and centralizing server administration for IT personnel. With the new servers and SAN, the physical server currently located at Public Works will be eliminated and instead incorporated into the virtual environment.

Purchasing directly through Dell Inc. provides the best pricing for this equipment as two resellers informed the Village that they couldn't provide quotes that beat Dell's pricing.

Implications:

Is this item budgeted? Yes, \$51,000 is included in the Information Technology Capital Outlay account for the purchase this equipment.

Any other implications to be considered?

Attachments:

Resolution
Dell Inc. Quotes

RESOLUTION NO. 2019-

A RESOLUTION AUTHORIZING THE VILLAGE ADMINISTRATOR TO PURCHASE NETWORK STORAGE ARRAYS AND SERVERS FROM DELL, INC. IN AN AMOUNT NOT TO EXCEED \$49,577.67.

WHEREAS, the corporate authorities of the Village of Roselle deem it in the best interests of the Village to purchase information technology network equipment from Dell, Inc to upgrade the Village's storage area network and virtualized server environment; and

NOW, THEREFORE, be it resolved by the Mayor and Board of Trustees of the Village of Roselle that the Village Administrator is hereby authorized to purchase network storage arrays and servers in the amount of \$49,577.67 as outlined in the itemized quotes that are attached hereto and incorporated as fully set forth as Exhibit A.

ADOPTED this 9th day of September, 2019

AYES:

NAYS:

ABSTAIN:

ABSENT:

Andrew J. Maglio, Mayor

ATTEST:

Patricia Burns, Village Clerk



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.	3000042642627.1	Sales Rep	Eddie Spencer
Total	\$31,605.42	Phone	(800) 456-3355, 5139363
Customer #	5441647	Email	Edmund_Spencer_iv@Dell.com
Quoted On	Jul. 18, 2019	Billing To	MR COMPUTER PROFESSIONAL
Expires by	Aug. 17, 2019		VILLAGE OF ROSELLE
Solution ID	10956945		31 S PROSPECT
Deal ID	16474862		ROSELLE, IL 60172-2023

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,
Eddie Spencer

Shipping Group

Shipping To	Shipping Method
COMPUTER PROFESSIONAL VILLAGE OF ROSELLE 31 S PROSPECT ROSELLE, IL 60172-2023 (630) 980-2021	Standard Delivery

Product	Unit Price	Qty	Subtotal
Dell EMC SCv3020 - [amer_scv3020_12391]	\$31,605.42	1	\$31,605.42

Subtotal:	\$31,605.42
Shipping:	\$0.00
Non-Taxable Amount:	\$31,605.42
Taxable Amount:	\$0.00
Estimated Tax:	\$0.00
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Total:	\$31,605.42

Special lease pricing may be available for qualified customers and offers. Please contact your DFS Sales Representative for details.

Shipping Group Details

Shipping To

COMPUTER PROFESSIONAL
VILLAGE OF ROSELLE
31 S PROSPECT
ROSELLE, IL 60172-2023
(630) 980-2021

Shipping Method

Standard Delivery

Dell EMC SCv3020 - [amer_scv3020_12391]	\$31,605.42	Qty 1	Subtotal \$31,605.42
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Estimated delivery if purchased today:
Aug. 07, 2019
Contract # 99agz
Customer Agreement # MHEC-07012015

Description	SKU	Unit Price	Qty	Subtotal
SCv3020 3Ux30 Drive Storage Array	210-ALVZ	-	1	-
SCv30X0 Dual Controller Components	449-BBLE	-	1	-
SC, RJ45, 4-port, Mezz Card	403-BBPE	-	1	-
SC, RJ45, 4-port, Mezz Card	403-BBPE	-	1	-
IO, 10Gb iSCSI, 4 port, PCI-E, Base-T, Full Height	406-BBLY	-	1	-
IO, 10Gb iSCSI, 4 port, PCI-E, Base-T, Full Height	406-BBLY	-	1	-
SHIP,SCV3020,DAO	340-BSDI	-	1	-
Dell SC Storage Reg Label	389-BJUC	-	1	-
Storage Center Core Software Bundle, Base License	634-BJUI	-	1	-
SSN License	634-BKCL	-	1	-
Storage Optimization Bundle, Software License (Includes: Data Progression, Fast Track)	634-BKCM	-	1	-
Redundant Power Supply, 1378W, C20	450-AGJN	-	1	-
Rack rail, 2Us, Static	770-BBUJ	-	1	-
SC Bezel	350-BBKJ	-	1	-
Dell Hardware Limited Warranty	814-3780	-	1	-
ProSupport Plus Mission Critical: 4-Hour 7x24 Onsite Service with Emergency Dispatch,3 Years	814-3820	-	1	-
ProSupport Plus Mission Critical: 7x24 HW/SW Technical Support and Assistance,3 Years	814-3821	-	1	-
Thank you for choosing Dell ProSupport Plus. For tech support, visit //www.dell.com/contactdell	951-2015	-	1	-
ProDeploy Plus Dell Storage SC Series vXXXX SAN up to 8 hosts - Deployment	805-2828	-	1	-
ProDeploy Plus Dell Storage SC Series vXXXX SAN - Deployment Verification	805-2831	-	1	-
ProDeploy Plus Training Credits 900 Redeem at www.LearnDell.com Expires 1Yr from Order Date	812-4027	-	1	-
ProSupport for Software: 7X24 Storage Center Optimization Bundle, 3 Years	815-3897	-	1	-
US Order	332-1286	-	1	-

SC, 2.4TB, SAS, 12Gb, 10K, 2.5" HDD	400-AYDC	-	8	-
SC, 960GB, SAS, 12Gb 2.5" RI SSD	400-ASVG	-	6	-
Hard Drive Filler 2.5in, single blank	400-AEPR	-	16	-
Power Cord, 125V, 20A, NEMA 5-20 to C19, 10 feet	450-AFEU	-	2	-

Subtotal:	\$31,605.42
Shipping:	\$0.00
Estimated Tax:	\$0.00
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Total:	\$31,605.42



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.	3000042643110.1	Sales Rep	Eddie Spencer
Total	\$17,972.25	Phone	(800) 456-3355, 5139363
Customer #	5441647	Email	Edmund_Spencer_iv@Dell.com
Quoted On	Jul. 18, 2019	Billing To	MR COMPUTER PROFESSIONAL
Expires by	Aug. 17, 2019		VILLAGE OF ROSELLE
Solution ID	10334338		31 S PROSPECT
Deal ID	16474862		ROSELLE, IL 60172-2023

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,
Eddie Spencer

Shipping Group

Shipping To	Shipping Method
COMPUTER PROFESSIONAL VILLAGE OF ROSELLE 31 S PROSPECT ROSELLE, IL 60172-2023 (630) 980-2021	Standard Delivery

Product	Unit Price	Qty	Subtotal
PowerEdge R440 - [amer_r440_12423]	\$5,990.75	3	\$17,972.25

Subtotal:	\$17,972.25
Shipping:	\$0.00
Non-Taxable Amount:	\$17,972.25
Taxable Amount:	\$0.00
Estimated Tax:	\$0.00
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Total:	\$17,972.25

Special lease pricing may be available for qualified customers and offers. Please contact your DFS Sales Representative for details.

Shipping Group Details

Shipping To

COMPUTER PROFESSIONAL
VILLAGE OF ROSELLE
31 S PROSPECT
ROSELLE, IL 60172-2023
(630) 980-2021

Shipping Method

Standard Delivery

PowerEdge R440 - [amer_r440_12423]	\$5,990.75	Qty 3	Subtotal \$17,972.25
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Estimated delivery if purchased today:
Aug. 01, 2019
Contract # 99agz
Customer Agreement # MHEC-07012015

Description	SKU	Unit Price	Qty	Subtotal
PowerEdge R440 Server	210-ALZE	-	3	-
PowerEdge R540/R440 MLK Motherboard	384-BCFU	-	3	-
No Trusted Platform Module	461-AADZ	-	3	-
3.5" Chassis with up to 4 Hot Plug Hard Drives	321-BCUU	-	3	-
Internal PERC	405-AAOM	-	3	-
PowerEdge R440 Shipping	340-BSFX	-	3	-
PowerEdge R440 x4 Drive Shipping Material	343-BBIC	-	3	-
Intel Xeon Silver 4210 2.2G, 10C/20T, 9.6GT/s, 13.75M Cache, Turbo, HT (85W) DDR4-2400	338-BSDH	-	3	-
Intel Xeon Silver 4210 2.2G, 10C/20T, 9.6GT/s, 13.75M Cache, Turbo, HT (85W) DDR4-2400	338-BSDH	-	3	-
Additional Processor Selected	379-BDCO	-	3	-
Standard Heat Sink	412-AAJT	-	3	-
Standard Heat Sink for 2nd CPU	412-AAJU	-	3	-
Riser Config 3, 2 x 16 LP	330-BBHO	-	3	-
2666MT/s RDIMMs	370-ADNU	-	3	-
Performance Optimized	370-AAIP	-	3	-
RAID 1	780-BCDN	-	3	-
PERC H740P RAID Controller, LP Adapter	405-AAML	-	3	-
No Operating System	619-ABVR	-	3	-
No Media Required	421-5736	-	3	-
iDRAC9,Enterprise	385-BBKT	-	3	-
iDRAC Group Manager, Enabled	379-BCQV	-	3	-
iDRAC,Factory Generated Password	379-BCSF	-	3	-
On-Board LOM	542-BBBP	-	3	-
No Internal Optical Drive for x4 and x8 HDD Chassis	429-ABBF	-	3	-
Dual, Hot Plug, Redundant Power Supply (1+1), 550W	450-AGOY	-	3	-
Standard Bezel	325-BCHH	-	3	-

Dell EMC Luggage Tag	350-BBKT	-	3	-
Quick Sync 2 (At-the-box mgmt)	350-BBKQ	-	3	-
Performance BIOS Settings	384-BBBL	-	3	-
ReadyRails Sliding Rails With Cable Management Arm	770-BCKT	-	3	-
No Systems Documentation, No OpenManage DVD Kit	631-AACK	-	3	-
US Order	332-1286	-	3	-
Dell Hardware Limited Warranty Plus Onsite Service	815-3441	-	3	-
ProSupport: Next Business Day Onsite Service After Problem Diagnosis, 3 Years	815-3482	-	3	-
ProSupport: 7x24 HW/SW Technical Support and Assistance, 3 Years	815-3494	-	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	-
16GB RDIMM, 2666MT/s, Dual Rank	370-ADND	-	36	-
240GB SSD SATA Read Intensive 6Gbps 512 2.5in Hot-plug AG Drive,3.5in HYB CARR, 1 DWPD,438 TBW	400-AWHF	-	6	-
Broadcom 5719 Quad Port 1GbE BASE-T Adapter, PCIe Low Profile	540-BBDF	-	3	-
Intel Ethernet i350 Quad Port 1GbE BASE-T Adapter, PCIe Low Profile	540-BBCZ	-	3	-
NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord, North America	450-AALV	-	6	-

Subtotal:	\$17,972.25
Shipping:	\$0.00
Estimated Tax:	\$0.00
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Total:	\$17,972.25