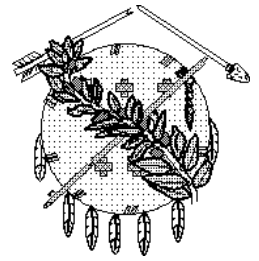


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**Broken Arrow City Council**  
**Meeting of: 12-02-2014**



**To:** Mayor and City Council  
**From:** Office of the City Manager  
**Subject:** Approval of and authorization to purchase equipment for Windows Server 2012 Hyper-V Cluster from the state contract pursuant to the Western States Contracting Alliance

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**Background:** In May of 2009, the IS Division began virtualizing city servers using Microsoft Windows 2008 Server Hyper-V cluster. A second cluster was added at the old Police Department building the following year to continue the virtualization effort. The city currently runs 45 virtual servers on the existing two clusters. We are reaching the limit of the capacity of these servers and plan to build a new cluster in the data center at the Public Safety Complex. The initial new cluster design will consist of three host servers and a new storage area network. The new host servers and SAN will have approximately twice the City's current capacity and will allow the City to continue the virtualization effort into the future. The new cluster can easily be expanded as needed to continue to provide growth for all city departments.

Section 2-27 of the Broken Arrow Code addresses exceptions to competitive bidding. The Code provides that competitive bidding is not required for supplies, materials, equipment or contractual services when purchased at a price not exceeding a price set by the state purchasing agency or any other state agency authorized to regulate prices for things purchased by the state, regardless of whether such price is negotiated with a vendor or otherwise, may be acquired without competitive bidding. The Central Purchasing Division of the Department of Central Services for the State of Oklahoma has entered into a contract under the Western States Contracting Alliance for computers, printers, and LAN storage. Because of this exception in the Code, the City may purchase the necessary equipment for this project from the state contract.

The City of Broken Arrow has standardized on Dell servers. Based upon the state contract and specifically based on the guidelines provided in the **Western States Contracting Alliance (WSCA) Computers, Printers, and LAN Contract**, Staff recommends Dell Servers and Dell Equallogic SAN's for the virtualization infrastructure. This project will be funded from the Sales Tax Capital Improvement Fund.

**Cost:** \$100,378.35

**Prepared By:** Jannette McCormick, Acting Human Resources Director

**Reviewed By:** Finance, Legal, Assistant City Manager

**Approved By:** Russell M. Gale, Acting City Manager

**Attachments:** Dell Quote

**Recommendation:** Approve the purchase of Dell Servers and Dell Equallogic SAN's for virtual network infrastructure pursuant to the state contract.

**ACTION:** APPROVAL: \_\_\_\_ APPROVAL W/ CONDITION: \_\_\_\_ DENIAL: \_\_\_\_ TABLED: \_\_\_\_ VOTE: \_\_\_\_



## QUOTATION

**Quote #:** 692265572  
**Customer #:** 000657299  
**Contract #:** WN24ACA  
**Customer Agreement #:** WSCA B27160/OK-1946  
**Quote Date:** 10/02/2014  
**Customer Name:** CITY OF BROKEN ARROW

**Date:** 10/02/2014

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:** CELINDA GARZA **PHONE:** 1800 - 9773355  
**Email Address:** [tyler\\_watkins@dell.com](mailto:tyler_watkins@dell.com) **Phone Ext:** 60320

**GROUP: 1    QUANTITY: 2    SYSTEM PRICE: \$6,565.59    GROUP TOTAL: \$13,131.18**

Base Unit	Dell Networking N4032F, 24x 10GbE SFP+ Fixed Ports, 1x Modular bay, 2x Power Supplies Included (210-ABVT)	1
	Dell ProSupport Plus. For tech support, visit <a href="http://www.dell.com/prosupport/regionalcontacts">www.dell.com/prosupport/regionalcontacts</a> (951-2015)	1
	Dell Hardware Limited Warranty Initial Year (966-6411)	1
	Dell Hardware Limited Warranty Extended Year(s) (966-6413)	1
	Lifetime Limited Hardware Warranty with Basic Hardware Service Next Business Day Parts Only on Your Network Switch (966-6417)	1
	Software Support,NW,90 Day (966-6423)	1
	ProSupport Plus: Mission Critical 4-Hour 7x24 On-Site Service with Emergency Dispatch, Initial Year (966-6606)	1
	ProSupport Plus: Mission Critical 4-Hour 7x24 On-Site Service with Emergency Dispatch, 2 Year Extended (966-6610)	1
	ProSupport Plus: 7x24 HW/SW Tech Support and Assistance, 3Year (966-6664)	1
	On-Site Installation Declined (900-9997)	1
	US Order (332-1286)	1
	Documentation Kit, N4000 Series Switch (340-AGNR)	1
	Power Cord, 125V, 15A, 10 Feet, NEMA 5-15/C13 (450-AAFH)	2
	Dell Networking, Cable, SFP+ to SFP+, 10GbE, Copper Twinax Direct Attach Cable, 1 Meter (470-AAGN)	2
	Dell Networking, Cable, SFP+ to SFP+, 10GbE, Copper Twinax Direct Attach Cable, 0.5 Meter (470-AAGL)	2

**\*Total Purchase Price:** **\$13,131.18**  
**Product Subtotal:** \$13,131.18  
**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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## QUOTATION

**Quote #:** 692761223  
**Customer #:** 000657299  
**Contract #:** WN24ACA  
**Customer Agreement #:** WSCA B27160/OK-1946  
**Quote Date:** 10/10/2014  
**Customer Name:** CITY OF BROKEN ARROW

**Date:** 10/02/2014

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### Sales Professional Information

**SALES REP:** CELINDA GARZA **PHONE:** 1800 - 9773355  
**Email Address:** [tyler\\_watkins@dell.com](mailto:tyler_watkins@dell.com) **Phone Ext:** 60320

**GROUP: 1 QUANTITY: 1 SYSTEM PRICE: \$46,242.72 GROUP TOTAL: \$46,242.72**

Base Unit	Dell EqualLogic PS6510ES, 10GbE, Hybrid Arrays, Solid State and 7.2K NL SAS Drives (225-3926)	1
	41x 2TB NL SAS and 7x 400GB SSD, Dual Controller (318-2475)	1
	EqualLogic array may not be returned (468-8817)	1
	Synchronous and Point-in-Time Replication (468-7110)	1
	Snaps/Clones with integration for MS SQL, Exchange, Hyper V and VMware (468-7155)	1
	SAN HQ multi group monitoring software (468-7156)	1
	EqualLogic Advanced Software Warranty and Service, 7x24 Access, 3 Year (908-8259)	1
	Dell ProSupport Plus. For tech support, visit <a href="http://www.dell.com/prosupport/regionalcontacts">www.dell.com/prosupport/regionalcontacts</a> (951-2015)	1
	ProSupport Plus: Mission Critical 4-Hour 7x24 On-Site Service with Emergency Dispatch, 2 Year Extended (951-5103)	1
	ProSupport Plus: Mission Critical 4-Hour 7x24 On-Site Service with Emergency Dispatch, Initial Year (951-5106)	1
	ProSupport Plus: 7x24 HW/SW Tech Support and Assistance, 3 Year (951-5118)	1
	Dell Hardware Limited Warranty Initial Year (968-4998)	1
	Dell Hardware Limited Warranty Extended Year (968-4999)	1
	Remote Implementation of a Dell EqualLogic Array (961-3859)	1
	Proactive Maintenance Service Declined (926-2979)	1
	Declined Remote Consulting Service (973-2426)	1

**\*Total Purchase Price:** **\$46,242.72**  
**Product Subtotal:** \$46,242.72  
**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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## QUOTATION

Quote #:	693708556
Customer #:	657299
Contract #:	WN24ACA
CustomerAgreement #:	WSCA B27160/OK-1946
Quote Date:	10/24/2014
Customer Name:	CITY OF BROKEN ARROW

Date: 10/24/2014

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### Sales Professional Information

<b>SALES REP:</b>	CELINDA GARZA	<b>PHONE:</b>	1800 - 9773355
<b>Email Address:</b>	<u>CELINDA_GARZA@Dell.com</u>	<b>Phone Ext:</b>	5139087

**GROUP: 1    QUANTITY: 3    SYSTEM PRICE: \$13,668.15    GROUP TOTAL: \$41,004.45**

Description	Quantity
PowerEdge R730 Server (210-ACXU)	3
PowerEdge R730/xd Motherboard (591-BBCH)	3
Dell ProSupport Plus. For tech support, visit <a href="http://www.dell.com/prosupport/regionalcontacts">www.dell.com/prosupport/regionalcontacts</a> (951-2015)	3
Dell Hardware Limited Warranty Plus On Site Service (976-8706)	3
ProSupport Plus: 7x24 HW/SW Tech Support and Assistance, 5 Year (976-8742)	3
ProSupport Plus: 7x24 Next Business Day Onsite Service, 5 Year (976-8743)	3
On-Site Installation Declined (900-9997)	3
US Order (332-1286)	3
CS,FEE,INTG,SO,AT,Medium,PSPNC,Factory Install (366-0182)	3
CFI,Information,VAL,CHASSISDEF,Factory Install (377-8262)	3
PowerEdge R730 Shipping (340-AKKB)	3
R730/xd PCIe Riser 2, Center (330-BBCO)	3
R730 PCIe Riser 3, Left (330-BBCQ)	3
R730/xd PCIe Riser 1, Right (330-BBCR)	3
Broadcom 57810 Dual Port 10Gb Direct Attach/SFP+ Network Adapter (540-BBCV)	6
Broadcom 5720 QP 1Gb Network Daughter Card (540-BBBW)	3
iDRAC8 Enterprise, integrated Dell Remote Access Controller, Enterprise (385-BBHO)	3
OpenManage Essentials, Server Configuration Management (634-BBWU)	3
Chassis with up to 8, 2.5" Hard Drives (350-BBEN)	3
Quick Sync Bezel (350-BBEQ)	3
Performance BIOS Settings (384-BBBL)	3
RAID 1 for H330/H730/H730P (2 HDDs or SSDs) (780-BBJU)	3
PERC H730 Integrated RAID Controller, 1GB Cache (405-AAEG)	3
Intel Xeon E5-2640 v3 2.6GHz,20M Cache,8.00GT/s QPI,Turbo,HT,8C/16T (90W) Max Mem 1866MHz (338-BFFO)	3
Upgrade to Two Intel Xeon E5-2640 v3 2.6GHz,20M Cache,8.00GT/s QPI,Turbo,HT,8C/16T (90W) (374-BBGV)	3

16GB RDIMM, 2133 MT/s, Dual Rank, x4 Data Width (370-ABUG)	48
2133MT/s RDIMMs (370-ABUF)	3
Performance Optimized (370-AAIP)	3
600GB 15K RPM SAS 6Gbps 2.5in Hot-plug Hard Drive,13G (400-AEEV)	6
Electronic System Documentation and OpenManage DVD Kit, PowerEdge R730/xd (631-AAJG)	3
DVD+/-RW, SATA, Internal (429-AAPS)	3
ReadyRails Sliding Rails With Cable Management Arm (770-BBBR)	3
Dual, Hot-plug, Redundant Power Supply (1+1), 750W (450-ADWS)	3
NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord, North America (450-AALV)	6
No Operating System (619-ABVR)	3
No Media Required (421-5736)	3
DIMM Blanks for System with 2 Processors (370-ABWE)	3
Standard Heatsink for PowerEdge R730/R730xd (374-BBHM)	3
Standard Heatsink for PowerEdge R730/R730xd (374-BBHM)	3

<b>*Total Purchase Price:</b>	<b>\$41,004.45</b>
<b>Product Subtotal:</b>	<b>\$41,004.45</b>
<b>Tax:</b>	<b>\$0.00</b>
<b>Shipping &amp; Handling:</b>	<b>\$0.00</b>
<b>State Environmental Fee:</b>	<b>\$0.00</b>
<b>Shipping Method:</b>	<b>LTL 5 DAY OR LESS</b>
	<i>(* Amount denoted in \$)</i>

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This quote is valid for 30 days unless otherwise stated. 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:

If this purchase is for your internal use only: Dell's Commercial Terms of Sale ([www.dell.com/CTS](http://www.dell.com/CTS)), which incorporate Dell's U.S. Return Policy ([www.dell.com/returnpolicy](http://www.dell.com/returnpolicy)) and Warranty ([www.dell.com/warrantyterms](http://www.dell.com/warrantyterms)).

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If this purchase includes services: in addition to the foregoing applicable terms, Dell's Service Terms ([www.dell.com/servicecontracts/global](http://www.dell.com/servicecontracts/global)).

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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.

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If you are a department, agency, division, or office of any district, state, county or municipal government within the United States ("Public Customer"), the following terms ("Public Customer Terms") apply in addition to the foregoing terms: A. If any portion of the foregoing terms and conditions (or any terms referenced therein) is prohibited by law, such portion shall not apply to you. Notwithstanding anything to the contrary, the End User License Agreements shall take precedence in all conflicts relevant to your use of any software. B. By placing your order, you confirm that (1) you are a contracting officer or other authorized representative of Public Customer with authority to bind the Public Customer to these terms and conditions, and (2) you have read and agree to be bound by these terms and conditions.

**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. Sales tax on products shipped is based on your "Ship To" address, and for software downloads is based on your "Bill To" address. 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](mailto: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.

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