



cityofnovi.org

CITY of NOVI CITY COUNCIL

Agenda Item G
August 27, 2012

SUBJECT: Approval to purchase two servers and storage hardware from Dell in the amount of \$28,325.23 using a competitively bid contract through the Massachusetts Higher Education Consortium.

SUBMITTING DEPARTMENT: Information Technology

CITY MANAGER APPROVAL:

EXPENDITURE REQUIRED	\$28,325.23
AMOUNT BUDGETED	\$31,770
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	101-205.00-986.000

BACKGROUND INFORMATION:

The Department of Information Technology is proposing the replacement of specific hardware that will serve an essential role in hosting over 20 core applications supporting each of the City's departments. This purchase will replace aging server hardware and storage equipment which has exceeded the intended service lifespan ranging between 7 -10 years. The proposed purchase was budgeted within the FY 2012-13 Capital Outlay Budget as part of the IT Department's proactive hardware life cycle management strategy.

The Dell servers and storage system acquisition proposed will improve the reliability, speed, and management of data and services delivered over the City's network servicing over 400 employees. Server virtualization technology will be employed by the city's IT Team to reduce administration overhead, improve backup management, and minimize restoration times in the event of an emergency or unforeseen circumstance.

The proposed equipment will double the City's existing data storage capacity. This is in response to the rampant growth of data generated from the City's applications while providing data access wherever the public's business is transacted. These requirements are driven by the City's continued investment in robust applications to improve staff productivity and to adhere to security management policies in compliance with auditing requirements. The new system's configuration will enable the City to add additional storage over time at significantly lower unit costs in response to additional storage demands over the new equipment's service lifespan.

RECOMMENDED ACTION:

Approval to purchase two servers and storage hardware from Dell in the amount of \$28,325.23 using a competitively bid contract through the Massachusetts Higher Education Consortium.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Casey				
Council Member Fischer				

	1	2	Y	N
Council Member Margolis				
Council Member Mutch				
Council Member Wrobel				

DELL**QUOTATION**

QUOTE #: 626645134

Customer #: 10439212

Contract #: 45ABZ

Customer Agreement #: 090701.02

Quote Date: 7/17/12

Date: 7/17/12 10:05:14 AM

Customer Name: CITY OF NOVI

TOTAL QUOTE AMOUNT:	\$28,325.23		
Product Subtotal:	\$28,325.23		
Tax:	\$0.00		
Shipping & Handling:	\$0.00		
Shipping Method:	Ground	Total Number of System Groups:	3

GROUP: 1	QUANTITY: 2	SYSTEM PRICE: \$6,788.59	GROUP TOTAL: \$13,577.18
Base Unit:	PE R710 with Chassis for Up to 8, 2.5-Inch Hard Drives (224-8461)		
Processor:	PowerEdge R710 Shipping (330-4124)		
Memory:	32GB Memory (8x4GB), 1333MHz Dual Ranked LV RDIMMs for 2 Processors, Advanced ECC (317-7367)		
Monitor:	Embedded Broadcom, GB Ethernet NICS with TOE (430-1764)		
Monitor:	Embedded Broadcom, GB Ethernet NICS with TOE and iSCSI Offload Enabled (430-2970)		
Video Card:	Intel Xeon X5660, 2.8Ghz, 12M Cache,Turbo, HT, 1333MHz Max Mem (317-4108)		
Video Memory:	PowerEdge R710 Heat Sinks for 2 Processors (317-1213)		
Video Memory:	Intel Xeon X5660, 2.8Ghz, 12M Cache,Turbo, HT, 1333MHz Max Mem (317-4120)		
Hard Drive:	HD Multi-Select (341-4158)		
Hard Drive Controller:	PERC H700 Integrated RAID Controller, 512MB Cache, x8 (342-0648)		
Floppy Disk Drive:	Power Saving BIOS Setting (330-3491)		
Floppy Disk Drive:	Power Cord, NEMA 5-15P to C13, 15 amp, wall plug, 10 feet / 3 meter (310-8509)		
Floppy Disk Drive:	Power Cord, NEMA 5-15P to C13, 15 amp, wall plug, 10 feet / 3 meter (310-8509)		
Operating System:	No Operating System (420-6320)		
Mouse:	146GB 15K RPM Serial-Attach SCSI 6Gbps 2.5in Hotplug Hard Drive (342-0427) - Quantity 2		
NIC:	Intel Gigabit ET NIC,Quad Port, Copper, PCIe-4 (430-0657)		
Modem:	iDRAC6 Enterprise (467-8648)		
CD-ROM or DVD-ROM Drive:	DVD+/-RW, SATA, INTERNAL (313-9090)		
Sound Card:	Bezel (313-7517)		
Speakers:	Riser with 2 PCIe x8 + 2 PCIe x4 Slot (320-7886)		
Documentation Diskette:	Electronic System Documentation and OpenManage DVD Kit (330-3485)		
Feature	RAID 1 for H700, PERC 6/i, H200 or SAS 6/iR Controllers (341-8699)		
Feature	ReadyRails Sliding Rails With CableManagement Arm (330-3477)		
Service:	Dell ProSupport. For tech support, visit http://support.dell.com/ProSupport or call 1-800-945-3355 (989-3439)		
Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, 2 Year Extended (992-8162)		
Service:	ProSupport : 7x24 HW / SW Tech Support and Assistance , 3 Year (992-8352)		
Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, Initial Year (993-2200)		
Service:	Dell Hardware Limited Warranty Plus On Site Service Initial Year (993-8447)		

Service:	Dell Hardware Limited Warranty Extended Year (993-8458)
Service:	MISSION CRITICAL PACKAGE: Enhanced Services, 3 Year (993-8518)
Installation:	On-Site Installation Declined (900-9997)
Support:	Proactive Maintenance Service Declined (926-2979)
Misc:	High Output Power Supply Redundant, 870W (330-3475)

GROUP: 2	QUANTITY: 2	SYSTEM PRICE: \$1,649.05	GROUP TOTAL: \$3,298.10
Base Unit:	PowerConnect 6224, 24 GbE Ports, Managed Switch, 10GbE and Stacking Capable (222-6710)		
Service:	Lifetime Limited Hardware Warranty with Basic Hardware Service Next Business Day Parts Only on Your PowerConne (934-7080)		
Service:	Dell Hardware Warranty InitialYR (985-5977)		
Service:	Dell Hardware Warranty, Extended Year(s) (985-5988)		
Service:	Dell ProSupport. For tech support, visit http://support.dell.com/ProSupport or call 1-800-945-3355 (989-3439)		
Service:	Non-Mission Critical: 4-Hour 7x24 On-site Service After Problem Diagnosis, 2 Year Extended (990-2522)		
Service:	ProSupport : 7x24 HW / SW Tech Support and Assistance , 3 Year (990-2722)		
Service:	Non-Mission Critical: 4-Hour 7x24 On-site Service After Problem Diagnosis, Initial Year (990-4680)		
Installation:	On-Site Installation Declined (950-8997)		

GROUP: 3	QUANTITY: 1	SYSTEM PRICE: \$11,065.37	GROUP TOTAL: \$11,065.37
Base Unit:	Dell EqualLogic PS4100X, Mainstream Performance, 10K SAS Drives (225-1078)		
Processor:	3.6TB capacity, 10K SAS, 12x 300GB (342-3377)		
Hard Drive Controller:	Dual Controller, HA with failover (331-2530)		
Documentation Diskette:	EqualLogic array may not be returned (468-8817)		
Factory Installed Software:	Asynchronous Replication (468-7110)		
Software Disk Two:	Snaps/Clones with integration for MS SQL, Exchange, Hyper V and VMware (468-7155)		
Feature	SAN HQ multi group monitoring software (468-7156)		
Feature	RackRails, RapidRails for Dell Rack (330-6048)		
Service:	Dell Hardware Limited Warranty Initial Year (932-8307)		
Service:	Dell Hardware Limited Warranty Extended Year (936-8168)		
Service:	MISSION CRITICAL PACKAGE: Enhanced Services, 3 Year (936-8218)		
Service:	EqualLogic Advanced Software Warranty and Service,7x24 Access,3 Year (953-9989)		
Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, 2 Year Extended (954-7082)		
Service:	ProSupport: 7x24 HW / SW Tech Support and Assistance, 3 Year (954-7162)		
Service:	Mission Critical Package: 4-Hour 7x24 On-Site Service with Emergency Dispatch, Initial Year (957-9440)		
Service:	Dell ProSupport. For tech support, visit http://support.dell.com/ProSupport or call 1-800-945-3355 (989-3439)		
Installation:	Remote Implementation of a Dell Equallogic Array (961-3859)		
Support:	Proactive Maintenance Service Declined (926-2979)		
Service One:	EqualLogic Reference Architecture, PC6248, PS4100, upto 2 arrays (996-2839)		
Misc:	Power Cord, C13 to C14, PDU Style, 12 Amps, 2 meter, Qty 1 (330-3151)		
Misc:	Power Cord, C13 to C14, PDU Style, 12 Amps, 2 meter, Qty 1 (330-3151)		

SOFTWARE & ACCESSORIES			

Product	Quantity	Unit Price	Total
3 Meter Twinax Cables With SFP+ Connectors, Qty 2 (330-3966)	2	\$92.79	\$185.58
EqualLogic Reference Architecture, PC6248, PS4100, upto 2 arrays (996-2839)	1	\$0.00	\$0.00
Dell Education Services - Introduction to Dell EqualLogic PS Series Storage Arrays Online Training, 1 year acc (903-5699)	1	\$199.00	\$199.00
Number of S & A Items: 3		S&A Total Amount: \$384.58	

SALES REP:	STEVEN ALEXANDER	PHONE:	512-513-9122
Email Address:	Steve_Alexander@Dell.com	Phone Ext:	5139122

Please review this quote carefully. You may order online by signing into Premier at www.premier.dell.com. Click on the eQuotes link. To order without Premier, go to www.dell.com/qto.

If you do not have a separate agreement with Dell that applies to your order, please refer to www.dell.com/terms as follows:

If purchasing for your internal use, your order will be subject to *Dell's Terms and Conditions of Sale-Direct* including Dell's U.S. Return Policy, at www.dell.com/returnpolicy#total. If purchasing for resale, your order will be subject to *Dell's Terms and Condition of Sale for Persons or Entities Purchasing to Resell*, and other terms of Dell's PartnerDirect program at www.dell.com/partner. If your order includes services, visit www.dell.com/servicecontracts for service descriptions and terms.

Quote information is valid for U.S. customers and U.S. addresses only, and is subject to change. Sales tax on products shipped is based on "Ship To" address, and for downloads is based on "Bill To" address. Please indicate any tax-exempt status on your PO, and fax your exemption certificate, with seller listed as *Dell Marketing L.P.*, to Dell's Tax Department at 800-433-9023. Please include your Customer Number.

For certain products shipped to end-users in California, a State Environmental Fee will be applied. For Asset Recovery/Recycling Services, visit www.dell.com/assetrecovery.

Rinehart, Mark

From: Steve_Alexander@Dell.com
Sent: Thursday, July 19, 2012 6:22 PM
To: Rinehart, Mark
Subject: RE: Quote 626645134

Mark,

Yes, this is priced under the MHEC statewide bid/contract.

Regards,
Steve

From: Rinehart, Mark [<mailto:mrinehart@cityofnovi.org>]
Sent: Thursday, July 19, 2012 1:02 PM
To: Alexander, Steve
Subject: Quote 626645134

Steve,

Can you tell me if quote 626645134 is from a bided contract?

Thanks
Mark



Mark Rinehart | Information Technology Manager Network Operations
City of Novi | 45175 W. Ten Mile Road | Novi, MI 48375 USA
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Contracts

Eligibility

News Announcements

Satisfied Customers

Understanding



Dell maintains an actively updated website where you can purchase their broad range of products. Pay particular attention to the special bundles with deeply discounted prices! Dell also provides free shipping as an extra benefit to those who purchase under the MHEC contract. Although the website does not offer automatic re-pricing on quantity orders, you can get quantity pricing on orders of more than 25 by e-mailing the quote to your local Dell representative. If you don't know who that is, send the quote and request to Brad Lambert or call him at 512-694-3108 or Ashleigh Lane at 512-723-1033.

All purchase orders must include: Contract Code Number 45ABZ

The Dell-MHEC contract is effective August 1, 2009 through June 30, 2013, and may be renewed for an additional three 1-year terms.

Dell Contract-at-a-Glance Eligibility

Dell	Computers			
	Institution	Staff	Faculty	Student
Click on the appropriate				
Higher Education (public and not-for profit private)	YES	YES	YES	YES
Higher Education (for-profit private)	N/A	N/A	N/A	N/A
K-12	YES	YES	YES	YES
Non-profit Organizations (education-related only)	N/A	N/A	N/A	N/A
Cities, Counties, Local Subdivisions	YES	YES	N/A	N/A
State Government	YES	YES	N/A	N/A
Non-MHEC States	WICHE	WICHE	WICHE	WICHE
Commercial Enterprise	N/A	N/A	N/A	N/A

Illinois * Indiana * Iowa * Kansas * Michigan * Minnesota * Missouri * Nebraska * North Dakota * Ohio * South Dakota * Wisconsin

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MHECtech is a service of the Midwestern Higher Education Compact (MHEC).

MHEC is charged with promoting interstate cooperation and resource sharing in higher education through its three core functions: cost savings programs, student access, and policy research. Visit us at www.mhec.org

For more information, contact Grant Crawford, MHEC CIO, at (612) 626-6383.