



City of Grand Island

Tuesday, August 14, 2012

Council Session

Item I4

#2012-219 - Consideration of Approving Dell Computer Equipment for City of Grand Island Network

Staff Contact: Jaye Monter

Council Agenda Memo

From: Jaye Monter, Finance Director

Meeting: August 14, 2012

Subject: Approving Dell Computer Equipment purchase for Network Disaster Recovery Plan

Item #'s: I-3

Presenter(s): Andrew Duey, City of Grand Island Network Consultant
- Duey's Computing Service, Inc.

Background

The datacenter in city hall currently houses about 12tb (terabytes) of computer information. The information stored in these systems enables the city staff to do their jobs supporting almost every city function. Currently these systems are backed up primarily to a tape backup system and then the tapes are sent offsite daily. In the event of a disaster at city hall these tapes would be restored to physical servers which we currently do not have.

Discussion

The IT department has been working on a disaster recovery plan to lessen the amount of downtime in the event of a disaster. The Plan starts with having the needed equipment in a location other than city hall. We are proposing locating our backup equipment at the Platte Generating Station (PGS) because they are connected by high speed fiber optic lines. The disaster recovery plan also revolves around being able to get access to the City's large amount of stored information quickly.

With those goals, we propose replacing the current 12tb SAN disk arrays (the core of the city hall datacenter's storage units) with (2) SAN units that will each have 18tb of usable storage space. The main unit will be located in the city hall datacenter while the other unit will be located at PGS.

The backup SAN unit located at PGS will mirror the city hall unit and provide a near real-time backup. In addition to providing faster recovery in the event of a major disaster (fire, flood, tornado, etc.) the unit at PGS can also be used remotely in the event the unit at city hall fails for smaller reasons (failed parts, power problem, etc.).

The purchase includes two Dell EqualLogic PS4100X units as well as a 42U rack to be placed at PGS. Dell was selected as the vendor for this equipment for several reasons including:

- The City's network was built in 1997 with Dell equipment that has proven reliability, great longevity and warranty support.
- Staying with Dell increases the interoperability with existing equipment and continuity of support.
- The equipment can be purchased through the Nebraska state contract which has already gone through a bidding process; Contract No. 12551 OC.

The total cost of both SAN units and 42U rack from Dell is \$64,033.72.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Approve the purchase of \$64,033.72 from DELL Marketing LP
2. Disapprove or /Deny
3. Postpone the issue to a future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve the purchase from Nebraska State Contract No. 12551 OC, Vendor DELL Marketing LP in the amount of \$64,033.72 for two SAN units and one 42U rack.

Sample Motion

Approve the purchase from DELL Marketing LP, in the amount of \$64,033.72.

DELL**QUOTATION**

QUOTE #: 628675516

Customer #: 57684

Contract #: WN19ACA

Customer Agreement #: 12551 OC

Quote Date: 8/8/12

Date: 8/8/12 2:53:14 PM

Customer Name: CITY OF GRAND ISLAND

TOTAL QUOTE AMOUNT:	\$62,904.42		
Product Subtotal:	\$62,904.42		
Tax:	\$0.00		
Shipping & Handling:	\$0.00		
Shipping Method:	Ground	Total Number of System Groups:	1

GROUP: 1	QUANTITY: 2	SYSTEM PRICE: \$31,452.21	GROUP TOTAL: \$62,904.42
Base Unit:	Dell EqualLogic PS4100X, Mainstream Performance, 10K SAS Drives (225-1078)		
Processor:	21.6TB capacity, 10K SAS, 24x 900GB (342-3385)		
Hard Drive Controller:	Dual Controller, HA with failover (331-2530)		
Mouse:	Implementation of EqualLogic Replication (931-1049)		
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:	ProSupport: Next Business Day Onsite Service After Problem Diagnosis, 4 Year Extended (929-7634)		
Service:	ProSupport: 7x24 HW / SW Tech Support and Assistance, 5 Year (929-7654)		
Service:	Dell Hardware Limited Warranty Initial Year (932-8307)		
Service:	Dell Hardware Limited Warranty Extended Year (936-8168)		
Service:	EqualLogic Advanced Software Warranty and Service, 7x24 Access, 5 Year (936-8208)		
Service:	ProSupport: Next Business Day Onsite Service After Problem Diagnosis, Initial Year (957-9480)		
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, EQL, 1 Event per yr, 1 yr (926-2989)		
Service One:	EqualLogic Reference Architecture, S25N/S50N, PS4100, upto 2 arrays (995-7159)		
Service Two:	1 Yr 1 Case Remote Advisory Service (996-3179)		
Misc:	Power Cord, NEMA 5-15P to C13, 15 amp, wall plug, 6 feet / 2 meter (310-9965)		
Misc:	Power Cord, NEMA 5-15P to C13, 15 amp, wall plug, 6 feet / 2 meter (310-9965)		

SALES REP:	NATALIE LONG	PHONE:	1800-274-3355
Email Address:	Natalie_Long@Dell.com	Phone Ext:	5139079

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:

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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.

DELL

QUOTATION

QUOTE #: 628586277

Customer #: 57684

Contract #: WN19ACA

Customer Agreement #: 12551 OC

Quote Date: 8/7/12

Date: 8/7/12 5:01:28 PM

Customer Name: CITY OF GRAND ISLAND

TOTAL QUOTE AMOUNT:	\$1,129.30		
Product Subtotal:	\$1,129.30		
Tax:	\$0.00		
Shipping & Handling:	\$0.00		
Shipping Method:	Ground	Total Number of System Groups:	1

GROUP: 1	QUANTITY: 1	SYSTEM PRICE: \$1,129.30	GROUP TOTAL: \$1,129.30
Base Unit:	Dell 4220 42U Rack with Doors and Side Panels, Ground Ship NOT for AK / HI (224-4934)		
Keyboard:	Rack Mount Keyboard Drawer, Black,for Dell PowerEdge Rack,Factory Install (310-0202)		
Keyboard:	Rackmount Keyboard, US Touchpad, Server (310-7918)		
Service:	Basic: Business Hours (5X10) Next Business Day Parts Delivery 2Year Extended (992-1802)		
Service:	Basic: Business Hours (5X10) Next Business Day Parts Delivery Initial Year (992-5080)		
Service:	Dell Hardware Limited Warranty Extended Year (993-4108)		
Service:	Dell Hardware Limited Warranty Initial Year (993-4117)		
Installation:	On-Site Installation Declined (900-9997)		

SALES REP:	NATALIE LONG	PHONE:	1800-274-3355
Email Address:	Natalie_Long@Dell.com	Phone Ext:	5139079

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RESOLUTION 2012-219

WHEREAS, the Information Technology Division of the Finance Department Continually works on securing and protecting the city's computer network; and

WHEREAS, the Information Technology Division needs to purchase equipment for a Disaster Recovery plan at an offsite location from City Hall; and

WHEREAS, there exists a State of Nebraska Contract Number 12551 OC for DELL computer equipment; and

WHEREAS, the cost for such equipment totals \$64,033.82 to purchase (2) SAN units and one 42U Rack;

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Information Technology Division is hereby authorized to purchase equipment as referenced by Dell Quote #628675516 and #628586277.

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Adopted by the City Council of the City of Grand Island, Nebraska, May 22, 2012.

Jay Vavricek, Mayor
Attest:

Brenda Sutherland, Acting City Clerk

Approved as to Form May 22, 2012	_____ City Attorney
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