



CITY of NOVI CITY COUNCIL

Agenda Item C
December 17, 2013

SUBJECT: Approval to enter into an agreement with Camtronics for the upgrade of the Police Department building camera system for \$23,412.38.

SUBMITTING DEPARTMENT: Public Safety - Police

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$30,975.49
AMOUNT BUDGETED	\$0
APPROPRIATION REQUIRED	\$30,975.49 (Camtronics - \$23,412.38 plus Dell Server - \$7,563.11 - to be included in future budget amendment)
LINE ITEM NUMBER	101-301.00-980.000

BACKGROUND INFORMATION:

Included in the 2008-2009 budget was the allocation of \$160K for the replacement of the police building closed circuit video monitoring system. The replacement system was based on digital video recording which remains state-of-the-art technology today and offers enhanced security and integrity of the recorded video. After a competitive bidding process, the contract was awarded to Camtronics who installed the system in early 2009. Since the initial installation, additional cameras were added at the Firearms Training Center and Department of Public Services yard to enhance security and risk management.

There are a total of 55 cameras on our current system that offer live and recorded monitoring of our prisoner intake, individual jail cells, sally ports, lobby areas, public and employee parking lots and four interview rooms. In addition, Public Act 479 of 2012 went into effect earlier this year mandating all law enforcement agencies "make a time-stamped, audiovisual recording" of custodial interrogations for certain felonies and in September 2013, the Michigan Commission on Law Enforcement Standards (MCOLES) released standards for said equipment.

The current system has surpassed its usefulness and requires an upgrade as video storage and retrieval integrity issues are starting to arise which compromises our ability to meet all of the MCOLES equipment standards. Additionally, the client is not Windows 7 compliant. As a result, the video can only be viewed on Windows XP based PC's and laptops. This operating system (XP) is no longer available on newly purchased PC's and laptops thus creating inefficiencies for staff. Although the upgrade will be able to leverage the majority of our existing investment, we need to replace the existing master server as it is not in line with the hardware requirements of Verint's Nextiva server software. In addition, our evidence garage was transformed into a second sally port in 2012 which requires the placement of two additional cameras for security and risk management.

After careful evaluation of the current system, it is our recommendation that we request a budget amendment for a system upgrade in the amount of \$30,975.49 (\$23,412.38 Camtronics and \$7,563.11 for the Dell server). The upgrade will include two additional cameras, ensure compliance with all MCOLES audiovisual standards, and the capability to expand to meet future needs. Due to the fact we are able to leverage the majority of the existing equipment and to ensure the integrity of the system, Camtronics is being viewed as a sole source vendor for this upgrade. The Police Department annually budgets (\$14,796) for a maintenance agreement with Camtronics for the existing equipment. All system upgrades will be incorporated into the maintenance agreement.

RECOMMENDED ACTION: Approval to enter into an agreement with Camtronics for the upgrade of the Police Department building camera system for \$23,412.38.

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

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

MEMORANDUM



TO: DAVID E. MOLLOY
DIRECTOR OF PUBLIC SAFETY / CHIEF OF POLICE

FROM: JERROD S. HART, ASSISTANT CHIEF OF POLICE *JSH*
ROBERT PETTY, CHIEF INFORMATION OFFICER


SUBJECT: BUILDING CAMERA SYSTEM UPGRADE

DATE: NOVEMBER 19, 2013

*12/4/13
To Mayor & City
Council Members*

*Heads-up on item being
reviewed for next Council
consideration. Asset \$ do
not look sufficient to cover
this replacement and next
year's vehicles, but existing*

Included in the 2008-2009 budget was the allocation of \$160K of forfeiture and general funds for replacement of the police building closed circuit video monitoring system. The replacement system was based on digital video recording which remains state of the art technology today and offers enhanced security and integrity of the recorded video. After a competitive bidding process, the contract was awarded to Camtronics who installed the system in early 2009. Since the initial installation, additional cameras were added at the Firearms Training Center and Department of Public Services yard to enhance security and risk management.

*Savings can make
the replacement.*


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Unfortunately, the current system has surpassed its usefulness and requires an upgrade as video storage and retrieval integrity issues are starting to arise which compromises our ability to meet all of the MCOLES equipment standards. Additionally, the client is not Windows 7 compliant. As a result, the video can only be viewed on Windows XP based PC's and laptops. This operating system (XP) is no longer available on newly purchased PC's and laptops thus creating inefficiencies for staff. Although the upgrade will be able to leverage the majority of our existing investment, we need to replace the existing master server as it is not in line with the hardware requirements of Verint's Nextiva server software. In addition, our evidence garage was transformed into a second sally port in 2012 which requires the placement of two additional cameras for security and risk management.

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November 19, 2013

Mr. Jerrod Hart
Assistant Police Chief
45125 Ten Mile Road
Novi, MI. 48375

Dear Jerrod,

As you requested at our last meeting, I have put together this proposal to upgrade your digital video and intercom systems. This project will advance these systems to currently supported versions, and the new features they represent such as Windows 7 compatibility.

OBJECTIVE

Upgrade the current digital video and intercom management platforms in operation at Police Headquarter and the DPW yard. The digital video system will be upgraded to 6.2 SP2 while maintaining a 30 day archive during the upgrade process, while the intercom system will be upgraded to the current manufacturer's recommended version.

SCOPE OF WORK

1. Procedures (Police Headquarters)
 - A. Insure that all known incident video and audio has been copied off of the main archive onto non-system storage devices.
 - B. Confirm new server IP address.
 - C. Coordinate the RAID upgrade and configuration with headquarters operations. This work will require the video recording system to be off-line for approximately 6 hours at which time no video or audio will be recorded, and archived video will not be accessible. The RAID will be fitted with a new controller, ten new 2TB drives and configured. When completed, the existing system (running the old application) will be put back online, recovering all of the original functionality. (During downtime rack space should adjusted for new server)
 - D. Install new server into rack and make all system connections, and put the server online.
 - E. Move all VMS devices to the new server and configure the new system.
 - F. Maintain original server operations for 30 days to access original archive.
 - G. Determine deployment of new VMS client. (Maintain one 5.1 version to access the original archive)
 - H. Return in 30 days to decommission original server and reconfigure RAID and attach new server.
 - I. Provide a maximum of 2 two hour VMS client classes.
2. Procedures (DPW Yard)
 - A. Insure that all known incident video and audio has been copied off of the main archive onto non-system storage devices. (All original archiving will remain on the original server only)
 - B. Confirm new server IP address.
3. Install two cameras in the second sally port
 - A. Provide and install cabling to connect cameras to existing server.
 - B. Install two new cameras to view sally port.
 - C. Configure digital video system for new cameras.

Mr. Jerrod Hart
October 14, 2013
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CUSTOMER RESPONSIBILITIES

This project will require involvement by your IT department and records personnel. The IT department to provide all network access, network configurations, new VMS server with OS, Fiber HBA, all computer workstations, OS and network support. Records personnel or appointed will handed the coping of all investigative recordings off the systems prior to commencing the upgrade.

HARDWARE, SOFTWARE COSTS AND PROFESSIONAL FEES

Hardware: \$18,472.38

Labor: \$4,940.00

Total: \$23,412.38

(Note: software and licensing charges will be added to the cost, unless the system is covered under a minimum one year service agreement.)

CLOSING

We appreciate the opportunity to service your digital surveillance and access control needs.

Sincerely,

Mark Wellman
President



ENCLOSURE



QUOTATION

Quote #: 667695793
 Customer #: 10439212
 Contract #: 45ABZ
 Customer Agreement #: 090701.02 MHEC
 Quote Date: 11/08/2013
 Customer Name: CITY OF NOVI

Date: 11/13/2013

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: ANGIE KENNEDY PHONE: 1800 - 4563355
 Email Address: Angie_Kennedy@Dell.com Phone Ext: 5139118

GROUP: 1 QUANTITY: 1 SYSTEM PRICE: \$7,563.11 GROUP TOTAL: \$7,563.11

Description	Quantity
PowerEdge R620, Intel Xeon E-26XX v2 Processors (210-ABVQ)	1
PowerEdge R620 Motherboard, TPM (591-BBBQ)	1
Dell Hardware Limited Warranty Plus On Site Service Initial Year (936-1787)	1
ProSupport: Next Business Day Onsite Service After Problem Diagnosis, 2 Year Extended (936-9493)	1
ProSupport: 7x24 HW / SW Tech Support and Assistance, 3 Year (936-9503)	1
Dell Hardware Limited Warranty Plus On Site Service Extended Year (939-4668)	1
Dell ProSupport. For tech support, visit http://support.dell.com/ProSupport or call 1-800-945-3355 (989-3439)	1
ProSupport: Next Business Day Onsite Service After Problem Diagnosis, Initial Year (989-5221)	1
On-Site Installation Declined (900-9997)	1
Proactive Maintenance Service Declined (926-2979)	1
PowerEdge R620 Shipping - 4/8 Drive Chassis (331-4761)	1
Additional Riser with x8 PCIe Slot for x8, 2 PCIe Chassis with 1 Processor (331-4515)	1
iDRAC7 Enterprise (421-5339)	1
Qlogic 2560 Single Channel 8Gb Optical Fibre Channel HBA PCIe, Low Profile (342-3546)	1
Broadcom 5720 QP 1Gb Network Daughter Card (430-4418)	1
Cable for Mini PERC Cards for Chassis with up to 8 Hard Drives (331-4823)	1
Chassis with up to 8 Hard Drives and 2 PCIe Slots (Requires Additional Riser) (342-3659)	1
Bezel-4/8 Drive Chassis (318-1431)	1
Power Saving Dell Active Power Controller (330-5116)	1
RAID 1 for H710P/H710/H310 (2 HDDs) (331-4224)	1
PERC H710 Integrated RAID Controller, 512MB NV Cache (342-3529)	1
Heat Sink for PowerEdge R620 with 130W Processors or Greater (331-4763)	1
Intel Xeon E5-2697v2 2.7GHz, 30M Cache, 8.0GT/s QPI, Turbo, HT, 12C, 130W, Max Mem 1866MHz (338-BDBI)	1
DIMM Blanks for Systems with 1 Processor (317-8689)	1

No Additional Processor (331-4611)	1
4GB RDIMM, 1866MT/s, Standard Volt, Single Rank, x4 Data Width (370-ABBM)	4
1866MT/s RDIMMs (370-AAWM)	1
Performance Optimized (331-4428)	1
500GB 7.2K RPM SATA 3Gbps 2.5in Hot-plug Hard Drive (341-9251)	2
Electronic System Documentation and OpenManage DVD Kit (331-4513)	1
DVD ROM, SATA, Internal (318-1390)	1
ReadyRails Sliding Rails With Cable Management Arm (331-4765)	1
Dual, Hot-plug, Redundant Power Supply (1+1), 750W (331-4605)	1
Power Cord, NEMA 5-15P to C13, 15 amp, wall plug, 10 feet / 3 meter (310-8509)	2
Windows Server 2012 Standard Edition, Factory Installed, No Media, 2 Socket, 2 VMs (421-9147)	1
Windows Server 2012 Standard Edition, Media Kit (421-9150)	1

*Total Purchase Price:	\$7,563.11
Product Subtotal:	\$7,563.11
Tax:	\$0.00
Shipping & Handling:	\$0.00
State Environmental Fee:	\$0.00
Shipping Method:	LTL 5 DAY OR LESS
	<i>(* Amount denoted in \$)</i>

Statement of Conditions

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All information supplied to CITY OF NOVI for the purpose of this proposal is to be considered confidential information belonging to Dell.

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