TO: Mayor Althoff and City Council

FROM: Jeffrey L. McCormick, Chief of Police

SUBJECT: Video Server Replacement

DATE: 9-8-20

BACKGROUND

The City Council approved replacing the current City server at the 9-1-20 City Council Meeting. As part of the planning process for that server replacement the City Administrator and I meet with On-site Computer to discuss the amount of storage needed and the option of moving the Police Department video storage off the shared City server and onto a dedicated video storage system.

There were a couple advantages On-site Computers identified for going to a dedicated police video system. The first was that the City's server could be smaller in storage capacity without the video data which lowered the cost. The second was a separate server and system dedicated to police video storage has the ability to provide a single point for case management and control.

Currently the Police Department utilizes different systems for squad and body video. The squad camera system is WatchGuard, which we have used since adding squad cameras in 2006. The body worn cameras (BWC) are Pro-Vision which we have had since 2014, these are the second brand of BWC we have had since getting BWC in 2011. Both systems have been very good tools, that have provided documentation of events and lowered Court time for our officers.

The Pro-Vision camera model we are using has reached end of life and is no available. The design is a combined hardware/battery design that does not allow for battery replacement and we some no longer able to us used because the batteries have failed. Since the Pro-Vision cameras were purchased in 2014 they did not have the same type of management software that is available today to manage video data. We started looking at replacement BWC systems in late January 2019 when we started having multiple BWCs effected by battery issues during the cold weather. We reviewed several BWC brands but have narrowed it to the new WatchGuard system.

The WatchGuard squad video system started as DVD based systems and transitioned to a digital system that is network connected in 2015. After making the switch to Windows 10, we started to experience issues with the software that manages the squad video. On-site Computers worked with WatchGuard to identify the problem and find a solution that does not allow for full network use. Part of the problem is the age of the software we are using is not compatible for network use with Windows 10 and needs to be replaced with a newer version to allow full network use.

The biggest advantage to the WatchGuard BWC system is the integration of two separate systems into one. Currently there is a BWC and a separate microphone that is worn by an officer for the squad video. This new BWC does the function of both those separate pieces.

The new system would also replace the current WatchGuard video software with the most recent version that is capable to synchronize the squad video, BWC and audio tracks.

In looking for a new BWC we wanted to make sure that the system that would meet our needs today but also for several years from now. We found that in the WatchGuard system in a number of ways. The BWC have a replaceable battery, which ensures the hardware does not have to be replaced because of battery failure. The Software support would include 5 years of support and upgrades so that as our City computers change operating systems it will not create the same issue we are experiencing now. The WatchGuard server system would be a secure, freestanding system and be fully supported by WatchGuard's 24/7 support system for 5 years. Even if after 5 years we decide to not extend the support we would be current in the software at that time and should be able to get at least a few more years of use out of the system. On-site Computer advised that since all these systems are computer based, a lifespan should be considered between 6-9 years.

The WatchGuard system would include V300 body worn cameras, a Linux based server, Video management software, Setup and training and 5 years of system support and updates. In fall of 2019 as part of the 2020 budget discussions we advised the City Council that replacement of the Pro-Vision BWCs this was something we had working on and that our plan was to use forfeiture funds to purchase them so there would not be a general fund cost. The cost of the WatchGuard system is $37,295.50 and we have been saving our forfeiture funds for this and can cover this purchase. Forfeiture funds have a statutory requirement to be used towards DWI and/or drug enforcement and education, and this system would be a qualifying expense for those funds.

On-site Computers has indicated that moving to a dedicated video server and integrated video management software is the best direction to go and they are seeing other police departments looking at moving to this integrated approach. The City Administrator and I have met with On-site Computers regarding this as part of the replacement of the City Server and moving to the dedicated police video server lowered the cost of the City Server. If we do not go with this dedicated police video server, the City server would need to be expanded to handle the additional video storage that was not included in their calculations for a replacement. The Police Department would also need to replace the current video management software if the dedicated video server is not approved.

REQUESTED COUNCIL ACTION

Motion and approval authorizing the purchase and installation of the WatchGuard system as outlined above using forfeiture funds and authorize the Chief of Police to sign any documents required to purchase the WatchGuard system.

WATCH GUARD

4RE/VISTA Price Quote

CUSTOMER: Cannon Falls Police Department

Attn: Accounts Payable,
918 River Rd,,
Cannon Falls,MN,United States,
55009

ATTENTION: Lt. Joseph Berg

PHONE: 507-263-2278

E-MAIL: jberg@cannonfallsmn.gov

ISSUED: 9/10/2020 9:54 AM

EXPIRATION: 1/1/2021 12:00 AM

TOTAL PROJECT ESTIMATED AT: $37,295.50

SALES CONTACT: Michelle Oleari

DIRECT:
E-MAIL:
michelle.oleari@motorolasolutions.com

Server Hardware and Options
Server Hardware and Software

Part Number	Detail	Qty	Direct	Discount	Total Price
HDW-4RE-SRV-004	Server, EL5, Tower, 1-10 Concurrent Cars, 16TB, RAID 6, Windows 10, Keyboard, Monitor, Mouse	1.00	$5,995.00	$0.00	$5,995.00
WAR-SRV-TWR-5YR	Warranty, Tower Server, Extended Warranty to 5 Total Years	1.00	$650.00	$0.00	$650.00
					$6,645.00

V300 Proposal
VISTA HD Cameras and Options

Part Number	Detail	Qty	Direct	Discount	Total Price
VIS-300-BWC-001	V300, Body Worn Camera, 1080P, WiFi/Bluetooth with Removable Battery	5.00	$995.00	$50.00	$4,725.00
VIS-300-VTS-KIT	Transfer Station II Kit, Incl. Power & AC Cables, Label and Docs	1.00	$1,495.00	$75.00	$1,420.00
VIS-300-CHG-001	V300, USB Dock, D300, Desktop Charge/Upload Kit Incl. Power and USB Cables	1.00	$95.00	$95.00	$0.00
VIS-300-VEH-002	V300, WiFi Dock, D330, In-Vehicle Charge/Upload Kit, Incl, Cables and Brackets	3.00	$295.00	$45.00	$750.00
VIS-300-BAT-RMV	V300, Battery, Removable and Rechargable, 3.8V, 4180mAh	3.00	$99.00	$99.00	$0.00
WAR-300-CAM-NOF	Warranty, V300 3 Year, No-Fault	5.00	$450.00	$45.00	$2,025.00
WAR-300-CAM-4TH	Warranty, V300, 4th Year, (requires No Fault Warranty)	5.00	$180.00	$0.00	$900.00
WAR-300-CAM-5TH	Warranty, V300, 5th Year, (requires No Fault Warranty)	5.00	$235.00	$0.00	$1,175.00

Evidence Library 4 Web Software and Licensing

Part Number	Detail	Qty	Direct	Discount	Total Price
KEY-EL50SRV-001	Evidence Library, Web Server Site License Key	1.00	$1,000.00	$0.00	$1,000.00
SFW-4RE-DEV-FEE	Evidence Library, 4RE Annual Device License & Support Fee	15.00	$195.00	$0.00	$2,925.00

415 E. Exchange Parkway • Allen, TX • 75002
Toll Free (800) 605-6734 • Main (972) 423-9777 • Fax (972) 423-9778
www.WatchGuardVideo.com

Page **1** of **2**

Part Number	Detail	Qty	Direct	Discount	Total Price
SFW-BWC-DEV-FEE	Evidence Library, VISTA/V300 Annual Device License & Support Fee	25.00	$195.00	$0.00	$4,875.00

Shipping and Handling

Part Number	Detail	Qty	Direct	Discount	Total Price
Freight	Shipping/Handling and Processing Charges	1.00	$95.00	$0.00	$95.00
					$19,890.00

4RE and VISTA Proposal

VISTA HD Cameras and Options

Part Number	Detail	Qty	Direct	Discount	Total Price
HDW-ETH-SWT-005	VISTA HD, 4RE, Smart PoE Switch	3.00	$250.00	$0.00	$750.00

Additional Software and Licensing

Part Number	Detail	Qty	Direct	Discount	Total Price
KEY-WGV-RED-001	Software, REDACTIVE(sm) , Single User License, Rev 3.0	1.00	$4,995.00	$0.00	$4,995.00
WAR-WGR-MNT-3YR	REDACTIVE(sm), Software Support & Maintenance, 3-Year Bundle	1.00	$2,795.00	$279.50	$2,515.50

WatchGuard Video Technical Services

Part Number	Detail	Qty	Direct	Discount	Total Price
SVC-4RE-ONS-400	4RE System Setup, Configuration, Testing and Training (WG-TS)	1.00	$2,500.00	$0.00	$2,500.00
					$10,760.50

Total Estimated Tax, may vary from State to State	**$0.00**

Configuration Discounts	**$1,356.50**
Additional Quote Discount	**$0.00**
Total Amount	**$37,295.50**

NOTE: This is only an estimate for 4RE & VISTA related hardware, software and WG Technical Services. Actual costs related to a turn-key operation requires more detailed discussion and analysis, which will define actual back-office costs and any costs associated with configuration, support and installation. Please contact your sales representative for more details.

To accept this quotation, sign, date and return with Purchase Order: _____   DATE: _____

415 E. Exchange Parkway • Allen, TX • 75002
Toll Free (800) 605-6734 • Main (972) 423-9777 • Fax (972) 423-9778
www.WatchGuardVideo.com

Page **2** of **2**