



AGENDA ITEM # 10B

**AGENDA ITEM EXECUTIVE SUMMARY
Village Board Meeting
June 11, 2018**

Item Title: **Multifactor Authentication Solution**

Staff Contact: Jason Bielawski, Assistant Village Administrator

VILLAGE BOARD ACTION

Approve purchase of multifactor authentication solution, Crossmatch Digital Persona, in the amount of \$8,273.00 from CDS Office Technologies.

Executive Summary:

The Village Board previously approved the purchase of 13 Panasonic Toughbooks that replace the existing laptops in the Police Department vehicles. The model of laptop that was purchased is targeted towards public safety as it's a fully-rugged 2-in-1 tablet that can be removed from the vehicle and used by the officer in the field for community policing activities and other law enforcement/investigative activities. Because the Village purchased tablets that can be removed from the Police vehicles, versus a laptop that is locked in place and can't be removed, federal policy will require the Village to use advanced multifactor authentication for accessing the tablet. The use of multifactor authentication defends against data breaches and eliminates unauthorized access, while removing inefficient password logon protocols that can slow the employee's access to vital information. The Village will also be able to individually secure and audit an employee's access to shared devices and applications.

The US Department of Justice/FBI Criminal Justice Information Services (CJIS) Security Policy contains information security requirements and guidelines that the Roselle Police Department must adhere to for protecting the sources, transmission, storage, and generation of Criminal Justice Information, which by extension applies to hardware, software, and other infrastructure security requirements. Employees access the current laptops with single factor authentication, which is entering the proper username and password (referred to as "something you know"). With the new model laptop, in addition to entering "something you know", the advanced multifactor authentication will require the employee to enter "something you have" to access the tablet such as a one-time password from a smart token or text message, the swipe of a smart card, or biometrics.

Staff evaluated multifactor authentication solutions that would satisfy the CJIS requirement and recommends the purchase of Crossmatch Digital Persona. Staff believes the Digital Persona solution provides the most affordable complete enterprise

authentication coverage by offering a diverse range of authentication factors for a given use case and user. Factors that can be used include hardware and software tokens, smart cards, behavioral and biometric methods, as well as mobile-based one-time passwords, Bluetooth and proximity cards. In addition, Crossmatch has an agreement with Panasonic to work seamlessly on the Toughbook product line and can be easily deployed to other users outside of the Police Department.

The proposal from CDS Office Technologies in the amount of \$8,273.00 includes 38 licenses, which is the expected number of users within the Police Department that will be required to use multifactor authentication. The proposal also includes initial implementation, configuration, training, and one year of maintenance. After the initial year, the ongoing cost would be maintenance only, which is approximately \$850 for the 38 licenses. The rate at which applications are moving to the cloud and users are embracing mobile devices is rapidly driving the deployment of multifactor authentication solutions. Therefore, in the future, it is expected that the Village will have to further deploy Crossmatch within the organization to other users such as Finance and Fire Department personnel.

Implications:

Is this item budgeted? No, the cost for this solution is not included in the 2018 Budget, but will be charged to the Information Technology Internal Service Fund.

Any other implications to be considered? n/a

Attachments:

CDS Technologies Quote



CDS Office Technologies
 1271 HAMILTON PARKWAY
 Itasca, Illinois 60143
 United States
 (P) 630-625-4519
 (F) 630-305-9876

Quotation (Open)	
Date	Apr 09, 2018 10:48 AM CDT
Modified Date	Apr 09, 2018 05:27 PM CDT
Doc #	477184 - rev 1 of 1
Description	Crossmatch Digital Persona Licensing & Implementation
SalesRep	Gottlieb, Mark (P) 630-625-4519 (F) 630-305-9876
Customer Contact	McLinn, Brendan (P) 630-671-2861 bmclinn@roselle.il.us

Customer
 Village of Roselle (25962)
 McLinn, Brendan
 103 S. Prospect St.
 Roselle, IL 60172
 United States
 (P) 630-671-4090

Bill To
 Village of Roselle
 Accounts, Payable
 103 S. Prospect St.
 Roselle, IL 60172
 United States

Ship To
 Village of Roselle
 McLinn, Brendan
 103 S. Prospect St.
 Roselle, IL 60172
 United States
 (P) 630-671-2861
 bmclinn@roselle.il.us

Customer PO:	Terms: Undefined	Ship Via: UPS Ground
Special Instructions:		Carrier Account #:

#	Description	Part #	Qty	Unit Price	Total
DigitalPersona License					
1	Crossmatch DigitalPersona - Logon for Windows (AD and LDS) Single Seat License	CF-SVCDPL194A1	38	\$99.00	\$3,762.00
Digital Persona Maintenance & Service					
2	Crossmatch DigitalPersona - Premium Maintenance & Service 1 year coverage, annual renewal recommended	CF-SVCDPMPMS	38	\$22.00	\$836.00
Digital Persona Implementation - remote configuration & training					
3	Crossmatch DigitalPersona - Implementation Services Logon for Windows, Implementation, Installation & Training Services - 2 Days	CF-SVCDPSIIT2D	1	\$3,075.00	\$3,075.00
4	CDS OFFICE TECHNOLOGIES - IT Services Support for Crossmatch DigitalPersona Implementation	ZBLOCKNET	1	\$600.00	\$600.00

Subtotal: \$8,273.00
 Tax (0.000%): \$0.00
 Shipping: \$0.00
Total: \$8,273.00

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original invoice and authorized RMA number within 30 days of invoice date and are subject to a 15% restocking fee. Due to manufacturer's restrictions, Panasonic items are not eligible for return. Late fees may apply to payments past 30 days from invoice date. Please contact your sales representative if you have any questions.