

MEMORANDUM

TO: The Honorable Mayor and City Council

FROM: Chad Michaelis, Director of Information Technology

DATE: March 16, 2020

SUBJECT: **Recommendation for a Subscription of CrowdStrike Falcon Complete Endpoint Protection**

Request

Approve the resolution for a subscription of CrowdStrike Falcon Complete Endpoint Protection.

Background

World-wide, cyber security breaches are increasing in frequency and severity. Municipalities are a favorite target because of the nature of what we do. The services we provide are critical and we have the ability to pay large ransoms. Several of our neighbors were recently compromised, including West Chicago and Willowbrook.

In general, municipalities lack the budget and expertise for strong cyber defense, are less prepared due to limited resources, and have a difficult time competing for cyber security talent. The City of Wheaton employs multiple layers of defense, but this is not enough to keep up with the constant barrage of new and evolving threats.

Our existing technology can only detect known or obvious threats.

Our existing staff cannot keep watch 24x7x365.

Modern attacks are crafted to hide (e.g. run when detection is unlikely), persist (e.g. spread quickly to all vulnerable systems), and cause unrecoverable loss (e.g. encrypt data). The time between initial compromise and irreparable damage can be less than 30 minutes. In order to address these sophisticated threats, the City needs to detect suspicious activity and act immediately – regardless of the time of day or day of week.

Scope of Work

Wheaton Information Technology Staff researched options, interviewed service providers, reviewed and evaluated solutions, and selected the package that best fits the City's needs. The providers and solutions evaluated included:



- Arctic Wolf – Managed Detection and Response and Managed Risk
- CrowdStrike – Falcon Complete Endpoint Protection as a Service
- Microsoft Inc. - Desktop Advanced Threat Protection
- MS-ISAC – Albert Network Security Monitoring
- Sophos - Endpoint Protection and Managed Threat Response
- Tyler Technologies – Tyler Detect

CrowdStrike is the leader in cloud-delivered endpoint security. Leveraging artificial intelligence (AI), the CrowdStrike Falcon platform offers instant visibility and protection across the enterprise and prevents attacks on endpoints on or off the network. CrowdStrike Falcon deploys in minutes to deliver real-time protection and actionable threat intelligence from Day One. It seamlessly unifies next-generation anti-virus (AV) with best-in-class endpoint detection and response, backed by 24/7 managed threat hunting.

CrowdStrike provides a warranty to Falcon Complete customers that covers up to \$1 million in break response expenses if there is a security incident within the environment protected by CrowdStrike Falcon Complete.

The Falcon Complete Service addresses the gaps in the City's existing desktop protection and staffing.

Budget Impact

The project is budgeted for \$53,807.00 in the General Fund, Information Technology-Software Licenses/Maintenance account. This recommendation is under budget by \$5,242,00.

Recommendation

Staff recommends that the City Council adopt the resolution authorizing the purchase of a subscription of CrowdStrike Falcon Complete Endpoint Protection with CDW Governmental, LLC., for a total amount not to exceed \$48,565.00.

The specifications proposal, quotation, and City's Purchase Order are on file in the City Clerk's office for review.

RESOLUTION R-2020-

A RESOLUTION AUTHORIZING THE PURCHASE OF A SUBSCRIPTION OF CROWDSTRIKE FALCON COMPLETE ENDPOINT PROTECTION FROM CDW GOVERNMENT, LLC. FOR A TOTAL AMOUNT NOT TO EXCEED \$48,565

WHEREAS, the corporate authorities of the City of Wheaton, DuPage County, Illinois find it reasonable and appropriate to enter into a purchase agreement with CDW Governmental, LLC, located in Vernon Hills, Illinois, for the purchase of a one year subscription of CrowdStrike Falcon Complete Endpoint Protection; and

WHEREAS, the City issued a Request for Quote package (RFQ Number 20-31) to CrowdStrike authorized vendors, and CDW Governmental, LLC., submitted a quote in the amount of \$48,565; and

WHEREAS, the City budgeted funds in the General Fund, Information Technology-Software Licenses/Maintenance account in the amount of \$53,807.00; and

WHEREAS, both parties agree to the terms and conditions and pricing set forth in the quotation for a subscription of CrowdStrike Falcon Complete Endpoint Protection.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and City Council of the City of Wheaton, Illinois, that:

The City's Purchase Order #2021034 for the purchase of a one year subscription of CrowdStrike Falcon Complete Endpoint Protection from CDW Governmental, LLC., 75 Remittance Drive, Suite 1515, Chicago, Illinois, 60675, for a total amount not to exceed \$48,565, is hereby authorized (the "Purchase") and City staff is authorized to undertake any and all other tasks necessary, or in furtherance of, completion of the Purchase transaction. A copy of the City's Purchase Order #2021034 is on file with the City Clerk's office as Exhibit A to this Resolution R-2020-__ and is hereby incorporated into this Resolution and made a part hereof as if fully set forth herein.

ADOPTED this 16th day of March 2020.

Mayor

ATTEST:

City Clerk

Roll Call Vote:

Ayes:
Nays:
Absent: