



**Board of Commissioners of Cook County**

**Technology and Innovation Committee**

**Wednesday, June 23, 2021**

**11:00 AM**

**Virtual Meeting**

**NOTICE AND AGENDA**

There will be a meeting of the Committee or Subcommittee of the Board of Commissioners of Cook County at the date, time and location listed above to consider the following:

**PUBLIC TESTIMONY**

Authorization as a virtual public speaker shall only be granted to those individuals who have submitted in writing, their name, email address, phone number, subject matter, and organization (if any) to the Secretary 24 hours in advance of the meeting. Duly authorized virtual public speakers shall be sent a link to virtually attend the meeting and will be called upon to deliver testimony at a time specified in the meeting agenda. Authorized public speakers who are not present during the specified time for public testimony will forfeit their allotted time to speak at the meeting. Public testimony must not exceed three minutes; the Secretary will keep track of the time and advise when the time for public testimony has expired. After each speaker has completed their statement, they will be removed from the meeting. Once removed, you will still be able to follow the proceedings for that day at:

<https://www.cookcountyil.gov/service/watch-live-board-proceedings> Persons authorized to provide public testimony shall not use vulgar, abusive, or otherwise inappropriate language when addressing the Board; failure to act appropriately; failure to speak to an item that is germane to the meeting, or failure to adhere to the time requirements may result in expulsion from the meeting and/or disqualify the person from providing future testimony. Written comments will not be read aloud at the meeting, but will be posted on the meeting page and made a part of the meeting record.

**21-3448**

**COMMITTEE MINUTES**

Approval of the minutes from the meeting of 05/12/2021

[21-2804](#)

**Presented by:** F. THOMAS LYNCH, Chief Information Officer, Bureau of Technology

**PROPOSED CONTRACT (TECHNOLOGY)**

**Department(s):** Bureau of Technology

**Vendor:** Deloitte & Touche LLP, Chicago, Illinois

**Request:** Authorization for the Chief Procurement Officer to enter into and execute contract

**Good(s) or Service(s):** Manage Security Services Provider

**Contract Value:** \$4,407,912.00

**Contract period:** 6/30/2021 - 6/29/2025 two (2) two-year renewal options

**Potential Fiscal Year Budget Impact:** FY 2021-\$473,741.00, FY 2022-\$1,101,978.00, FY 2023-\$1,101,978.00, FY 2024-\$1,101,978.00, FY 2025- \$628,237.00

**Accounts:** 11900.1009.53653.540137 UASI 2019; 11900.1009.53759.540137 UASI 2020

**Contract Number(s):** 2045-18286

**Concurrence(s):**

The vendor has met the Minority- and Women-owned Business Enterprise Ordinance via direct participation.

The Chief Procurement Officer concurs.

**Summary:** This MSSP contract will provide Cook County a comprehensive set of Monitoring and Professional Security Services to enhance the cybersecurity posture on all critical information technology both on site and cloud based. Without this service, Cook County would need to hire and fully staff an onsite 24X7 security operation center that would require hiring, at a minimum, an additional 21 full time government employees as well as build out the infrastructure to house and provide this service. The cost in the first year alone could approach the full four-year cost of the contract. The services provided through this agreement will support Bureau of Technology's ("BOT") ability to provide services to all County agencies.

This contract will directly be replacing an expiring contract that has proven to be successful in protecting

critical Cook County information and IT resources during the life of the contract. This contract was competitively bid and followed all Cook County procurement requirements as well as all Federal acquisition requirements; the contract will potentially be funded with Urban Area Security Initiative (UASI) Homeland Security Grant Program (HSGP) funding.

The selected vendor had significant expertise shown in their response that included 3 detailed examples of successfully providing this service for other government organizations by both the Prime Vendor and Vendor Partner on this proposal.

The selected Proposer, at a minimum, will provide the following objectives:

- Monitor of all ISO technologies that are within scope.
- Manage most ISO technologies and afterhours management of the remaining ISO technologies.
- Provide Threat Intelligence Services for all ISO technologies.
- Alert/Report all ISO technologies.
- Develop support documentation and training for staff on process.

This contract is awarded through Request for Proposals (RFP) procedures in accordance with Cook County Procurement Code. Deloitte was selected based on established evaluation criteria.

**Legislative History :** 5/13/21 - Board of Commissioners - refer to the Technology and Innovation Comm

[21-2805](#)

**Presented by:** F. THOMAS LYNCH, Chief Information Officer, Bureau of Technology

**PROPOSED CONTRACT (TECHNOLOGY)**

**Department(s):** Bureau of Technology

**Vendor:** Application Software Technology, Naperville, Illinois

**Request:** Authorization for the Chief Procurement Officer to enter into and execute contract

**Good(s) or Service(s):** Enterprise Service Business Platform

**Contract Value:** \$4,411,115.00

**Contract period:** Five (5) Year Term, July 1, 2021 - June 30, 2026 with two (2) one-year options

**Potential Fiscal Year Budget Impact:** FY 2021- \$419,780.00 (Fixed Charges), FY 2021 - \$300,000.00 (Capital Budget), FY 2022- \$1,306,650.75, FY 2023 \$652,002.00, FY 2024- \$662,002.00, FY 2025- \$662,002.00, FY 2026-\$408,678.25

**Accounts:** 11000.1490.15050.540135 (AST ESB Managed Services) 11569.1009.21120.560225 (Project number 21247)

**Contract Number(s):** 2012-18385

**Concurrence(s):**

The vendor has met the Minority- and Women-owned Business Enterprise Ordinance via direct participation.

The Chief Procurement Officer concurs.

Bureau of Technology: N/A

**Summary:** In 2016 the Bureau of Technology and the Cook County Criminal Justice Partners worked closely to implement the County's Enterprise Service Bus (ESB) platform. Thus, enabling seamless interoperability with standards-based integration, automation, and business process reengineering. The County now has a mature and connected Justice Partner Network comprised of 25+ Criminal Justice Information Services (CJIS) data exchanges, enabling County Justice Partners to exchange more accurate and actionable information at speeds that ensure their operations can deliver acceptable results for the justice process that are relied upon for fairness, efficiency, and citizen safety. The BOT has partnered with the Sheriff, Clerk of the Circuit Court, Public Defender, Chief Judge, States Attorney, Chicago Police Department, and Illinois Department of Corrections amongst others. The ESB is an ideal example of multiple County agencies working collaboratively to leverage a centrally hosted BOT Shared Service.

A key benefit of this agreement is that the Cook County Integrated Criminal Justice Information Systems (CCICJIS) representatives have agreed to continue to leverage the ESB as a platform to automate the exchange of data between key justice agencies which includes pushing data to a new data warehouse. By leveraging the existing ESB the overall cost to implement additional data exchanges is lower given our ability to leverage existing components for agencies that actively participate in the ESB program.

**Legislative History :** 5/13/21 - Board of Commissioners - refer to the Technology and Innovation Comm

[21-3131](#)

**Sponsored by:** KEVIN B. MORRISON, FRANK J. AGUILAR, DONNA MILLER and PETER N. SILVESTRI, Cook County Board of Commissioners

**PROPOSED ORDINANCE**

**COOK COUNTY INFORMATION TECHNOLOGY REPORTING ORDINANCE**

**BE IT ORDAINED,** by the Cook County Board of Commissioners, that Chapter 2 - Administration,

Article XII. - Cook County Information Technology, Division 3 - Information Technology Reporting, Sections 2-987-993, is hereby enacted as follows:

**Division 3 - Cook County Information Technology Reporting**

**Sec. 2-987. Short title.**

This division shall be known and may be cited as the "Cook County Information Technology Reporting Ordinance."

**Sec. 2-988. Purpose and policy.**

All separately elected County and State Officials, Departments, or Agencies funded by the Cook County Board of Commissioners, including, but not limited to, the offices and departments under the control of the County Board President, the Board of Commissioners, Cook County Health and Hospitals System, State's Attorney of Cook County, Cook County Sheriff, Cook County Public Defender, Illinois Clerk of the Circuit Court of Cook County, Cook County Treasurer, Cook County Clerk, Cook County Recorder of Deeds, Cook County Assessor, Chief Judge of the Circuit Court of Cook County, Board of Review, Cook County Independent Inspector General, Cook County Veteran's Assistance Commission and the Public Administrator (collectively, "Agency") shall report to the Board of Commissioners on matters of information technology where applicable according to this Division. This Division shall replace previous reporting requirements established through resolution or ordinance.

**Sec. 2-989. Major IT Projects Report**

(a) Any Agency with an information technology project that qualifies with one of the following criteria shall present semi-annual status updates on the project to the Cook County Technology & Innovation Committee

- (1) A contract over \$10 million, or
- (2) A project that requires Independent Validation and Verification services (IV&V), or
- (3) An information technology project that involves more than one elected office.

(b) Any Agency that has a project that meets the above criteria shall present status updates to the Cook County Technology & Innovation Committee every April and October

(c) Any Agency may be asked to provide additional updates on information technology projects as needed to the Cook County Technology & Innovation Committee.

- (d) Any Agency that is required to appear before the Cook County Technology & Innovation

Committee to present an update on a Major IT Project will be informed in writing by the Chair of the Cook County Technology & Innovation Committee at least 30 days prior to the Committee meeting.

**Sec. 2-990. Integrated Automated Criminal Justice System Report**

(a) All elected criminal justice offices shall present status updates on their office's progress toward an automated, integrated criminal justice system.

(b) All elected criminal justice offices shall present status updates to the Cook County Technology & Innovation Committee on the progress toward an automated, integrated criminal justice system every October.

**Sec. 2-991. Software Asset and Technology Hardware Asset Inventory Report**

(a) The Cook County Bureau of Technology shall prepare a report with submissions from the Chief Technology Officers of separately elected offices to produce the Software Asset and Technology Hardware Asset Inventory Report

(b) The Software Asset and Technology Hardware Asset Inventory Report shall be presented by the Cook County Chief Information Officer and the Chief Technology Officers from each separately elected office to the Cook County Technology & Innovation Committee every April.

**Sec. 2-992. Countywide Technology Strategic Plan**

(a) The Cook County Bureau of Technology shall prepare a report with submissions from the Chief Technology Officers of separately elected offices on updates to the Countywide Technology Strategic Plan

(b) The Countywide Technology Strategic Plan Report shall be presented by the Cook County Chief Information Officer and the Chief Technology Officers from each separately elected office to the Cook County Technology & Innovation Committee every January.

**Sec. 2-993. Chief Information Security Officer Report**

(a) The Chief Information Security Officer shall present an annual report on security threats to the Cook County Technology & Innovation Committee.

(b) The CISO Report shall be presented to the Cook County Technology & Innovation Committee every March to be received and filed.

(c) The CISO may provide additional updates on security threats as needed to the Cook County Technology & Innovation Committee.

**Effective date:** This ordinance shall be in effect immediately upon adoption.

**Legislative History :** 5/13/21 - Board of Commissioners - refer to the Technology and Innovation Comm

A handwritten signature in blue ink that reads "Matthew B. DeLeon". The signature is written in a cursive style with a large, stylized 'M' and 'D'.

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Secretary

Chairman: K. Morrison

Vice-Chairman: S. Morrison

Members: Aguilar, Britton, Daley, Deer, Degnen, Miller, Silvestri