1. CALL TO ORDER

2. ROLL CALL

3. CHAIRMAN'S REMARKS

4. PUBLIC COMMENT

5. APPROVAL OF MINUTES

   A. Technology Committee - Regular Meeting - Tuesday September 11th, 2018

6. ACTION ITEMS

   A. TE-P-0249-18 Recommendation for the approval of a contract purchase order to CA Technologies, Inc., to provide E-Server support/diagnostic/resolve software for Information Technology, for the period of December 1, 2018 through November 30, 2021, for a contract total amount of $131,518.80, per 55 ILCS 5/5-1022 (c) “Competitive Bids” not suitable for competitive bidding - Sole Source. This is proprietary software.

   B. TE-P-0250-18 Recommendation for the approval of a contract purchase order to IBM Corporation for the purchase of program product software licenses for IBM z/OS and software support and maintenance for the BC12 z System Server, for Information Technology. This contract covers the period of December 1, 2018 through November 30, 2019, for a total contract amount of $111,171.72. Exempt from bidding per DuPage County Purchasing Ordinance, Article 4-102(5) (Sole Source), as this is proprietary software.

   C. TE-P-0251-18 Recommendation for the approval of a contract purchase order to SWC Technology Partners, Inc., for the annual software maintenance for FireEye Security software for the period of October 8, 2018 through December 9, 2019, for Information Technology, for a total contract amount of $109,916.00, per Government Services Administration (GSA) Schedule 70 pricing.

   D. 2018-232 Recommendation for the approval of a contract purchase order to Workforce Fusion, LLC, for professional services to rewrite the person import for the Care Center Kronos implementation, for Information Technology, for a contract total amount of $13,600.00, for the period of September 26, 2018 through November 30, 2018, per 55 ILCS 5/5-1022 'Competitive Bids' (d) IT/Telecom purchases under $35,000.00.
E. Authorization to Travel -- Approval is requested to have the Chief Information Officer attend the 2018 Illinois Digital Government Summit in Springfield, Illinois from October 10, 2018 through October 12, 2018, for an approximate cost of $500.00.

7. INFORMATIONAL ITEMS

8. OLD BUSINESS

9. NEW BUSINESS

10. ADJOURNMENT
1. CALL TO ORDER

9:00 AM meeting was called to order by Chairman Kevin Wiley at 9:17 AM.

2. ROLL CALL

ABSENT: Bucholz

Conor McCarthy was present as a representative for Member Robert Berlin, State's Attorney. Iwan Dimidik was present as a representative for Member John Zaruba, County Sheriff.

3. CHAIRMAN'S REMARKS

4. PUBLIC COMMENT

None.

5. APPROVAL OF MINUTES

A. Technology Committee - Regular Meeting - Aug 28, 2018 9:00 AM

RESULT: ACCEPTED [UNANIMOUS]
MOVER: Elizabeth Chaplin, District 2
SECONDER: Tim Elliott, District 4
ABSENT: Bucholz

6. ACTION ITEMS
A. TE-P-0240-18 Recommendation for the approval of a contract purchase order to TeamAbsolute to provide assistance with the set up and implementation of automated work flows for several Human Resources Documents, Manager Self Service, on-line benefit open enrollment and reviewing the current Employee Self Service set up structure to ensure optimum performance, for Human Resources. This contract will cover the period of one year with three (3) optional one year renewals for Information Technology, for a contract total amount of $62,000.00, per Request for Proposal 18-150-JM. (Contingent upon parent committee approval)

Chairman Wiley asked if the contract with TeamAbsolute is exclusively for Human Resources; Don Carlsen said yes, it is to complete the implementation of the employee self-service modules. Member Grogan asked what other self-service portions need to be complete, to which Mr. Carlsen responded manager self-service, open enrollment, and personnel change forms.

RESULT: APPROVED [UNANIMOUS]
MOVER: Brian J Krajewski, District 3
SECONDER: Elizabeth Chaplin, District 2
ABSENT: Bucholz

B. 2018-217 Recommendation for the approval of a contract purchase order to Treehouse Software, Inc., for software maintenance and service for utility software, for GIS. This contract covers the period of October 1, 2018 through September 30, 2019, for a contract total amount of $17,535.00, per 55 ILCS 5/5-1022 "Competitive Bids" (c) not suitable for competitive bids. Software maintenance for this product is only available through this vendor.

RESULT: APPROVED [UNANIMOUS]
MOVER: Elizabeth Chaplin, District 2
SECONDER: Tim Elliott, District 4
ABSENT: Bucholz

C. 2018-218 Recommendation for the approval of a contract purchase order to MHC Software, Inc., for the Document Self-Service Add-On MHC Knowledge-Based Authentication, for Information Technology, for a total contract amount of $7,500.00, per 55 ILCS 5/5-1022 "Competitive Bids" (d) IT/Telecom purchases under $35,000.00.
D. Authorization to Travel -- Approval is requested to have the Chief Information Officer attend the Illinois Counties Information Management Association (ICIMA) 2018 Fall Conference in Utica, Illinois from October 4, 2018 through October 5, 2018 for an approximate cost of $400.00.

Member Elliott moved, seconded by Member Krajewski, to combine and approve items 6D through 6F. All ayes. Motion carried.

Member Grogan asked staff to look into rewording travel requests to describe who is traveling, for the safety of the travelers. Chairman Wiley said he would speak with Finance Chairman Larsen regarding this issue.

RESULT: APPROVED [UNANIMOUS]
MOVER: Chris Kachiroubas, Circuit Court Clerk
SECONDER: Janice Anderson, District 5
ABSENT: Bucholz

E. Authorization for Overnight Travel -- Approval is requested to have a Database Administrator attend the 2018 Hexagon User Group Conference in Westminster, Colorado from November 4, 2018 through November 7, 2018, for an approximate cost of $1,460.00.

RESULT: APPROVED [UNANIMOUS]
MOVER: Tim Elliott, District 4
SECONDER: Brian J Krajewski, District 3
ABSENT: Bucholz

F. Authorization for Overnight Travel -- Approval is requested to have the RMS Manager attend the 2018 Hexagon User Group Conference in Westminster, Colorado from November 4, 2018 through November 7, 2018, for an approximate cost of $1,460.00.
RESULT: APPROVED [UNANIMOUS]
MOVER: Tim Elliott, District 4
SECONDER: Brian J Krajewski, District 3
ABSENT: Bucholz

7. INFORMATIONAL ITEMS

A. HHS-P-0237-18 Recommendation for the approval of a contract purchase order to Kronos, Incorporated, for Software Support Services and Knowledge Pass (educational services subscription) for the Kronos Automated Time and Attendance System for the DuPage Care Center, for the period September 28, 2018 through September 27, 2019, for a contract total not to exceed $28,187.44, per 55 ILCS 5/5-1022 'Competitive Bids' (d) IT/Telecom purchases.

RESULT: APPROVED [UNANIMOUS]
MOVER: Robert Grogan, County Auditor
SECONDER: Elizabeth Chaplin, District 2
ABSENT: Bucholz

B. 2018-210 Recommendation for the approval of a contract purchase order to Azteca Systems, LLC for renewal of software support and maintenance for Cityworks, for Public Works, Drainage, and Stormwater Management, for the period October 1, 2018 through September 30, 2019, for a total contract amount not to exceed $13,820.00 (Public Works share $4,606.67 - Drainage share $4,606.66 - Stormwater Management share $4,606.67), per 55 ILCS 5/5-1022 (d) –IT/Telecom purchases under $35,000.00.

Member Grogan moved, seconded by Member Chaplin, to combine and place on file items 7A and 7B. All ayes. Motion carried.

RESULT: APPROVED [UNANIMOUS]
MOVER: Robert Grogan, County Auditor
SECONDER: Elizabeth Chaplin, District 2
ABSENT: Bucholz

8. DISCUSSION
A. 2018 - 2028 Strategic Technology Plan

Don Carlsen, CIO, presented an overview of the Strategic Technology Plan (STP) to the committee.

Chairman Wiley asked Mr. Carlsen to explain the advantages of COTS (custom-off-the-shelf) systems. Mr. Carlsen said it is typically a lower cost to implement and maintain, as it is handled by the vendor. Member Grogan then asked about cost increases and end-of-life support with COTS systems. Mr. Carlsen said general maintenance costs are around 20% of software costs and typically fluctuate very little. He added that end-of-life issues vary and would be handled through the committee as needed.

Member Kachiroubas asked if the County is looking at the cloud platform in the future; Mr. Carlsen responded that IT will always be cloud-aware.

Member Anderson commented that the County needs to get away from in-house application development. Member Henry asked if off-the-shelf systems save personnel costs for the County. Mr. Carlsen said it will typically be seen in the future. Member Henry then asked about attrition that was discussed at the beginning of ERP implementation. Mr. Carlsen responded that the County is still in a place of need for those staff members. Member Chaplin added that when you have a COTS system, you still need someone in-house to maintain the system.

Mr. Carlsen encouraged members to continue reviewing the STP and contact him, Chairman Wiley, or Vice-Chairwoman Anderson with any questions, comments, or changes.

RESULT: ANNOUNCED

B. Strategic Plan Update

Mr. Carlsen informed the committee that the three IT initiatives are on track, noting that he will have more information on the Real Estate and Tax system in the next 6-8 weeks.

Mr. Carlsen and Tom Ricker, GIS Manager, briefly discussed the intergovernmental agreements with other entities for GIS services.

RESULT: ANNOUNCED

9. OLD BUSINESS

10. NEW BUSINESS
Mr. Carlsen told the committee the Department of Homeland Security will be performing a countywide cyber security assessment in early October, after which he will report the findings to the committee.

Member Kachiroubas noted that the RFP for all courthouse monitors closed on August 20th and Abgators was chosen to replace all of the monitors over the next couple of years.

There was then a discussion regarding IT support in various departments.

11. **ADJOURNMENT**

Without objection, the meeting was adjourned.
AWARDING RESOLUTION TO
CA TECHNOLOGIES, INC.
FOR MAINFRAME SUPPORT SOFTWARE
(CONTRACT TOTAL AMOUNT: $131,518.80)

WHEREAS, an agreement has been negotiated in accordance with County Board policy;

WHEREAS, the Technology Committee recommends County Board approval for the
issuance of a County Contract to CA Technologies, Inc., for mainframe support software, for
Information Technology.

NOW, THEREFORE BE IT RESOLVED, that said contract to provide mainframe
support software, for the period of December 1, 2018 through November 30, 2021, for
Information Technology, be, and it is hereby approved for issuance of a County Contract by the
Procurement Division to CA Technologies, Inc., 2291 Wood Oak Drive, Herndon, VA 20171-2823, for a contract total amount of $131,518.80, per 55 ILCS 5/5-1022 (c) “Competitive Bids”
not suitable for competitive bidding - Sole Source.

Enacted and approved this 25th day of September, 2018 at Wheaton, Illinois.

______________________________
DANIEL J. CRONIN, CHAIRMAN
DU PAGE COUNTY BOARD

Attest: _________________________________
PAUL HINDS, COUNTY CLERK
**PROCUREMENT REVIEW CHECKLIST**

**REQUISITION**

This form must accompany all County Purchase Requisitions.

### NEW PURCHASE ORDER REQUEST

<table>
<thead>
<tr>
<th>DATE SUBMITTED</th>
<th>CONTRACT TOTAL AMOUNT</th>
<th>CONTRACT TERM</th>
<th>REQUESTING DEPT.</th>
<th>INFORMATION SYSTEMS</th>
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<td>September 11, 2018</td>
<td>$131,518.80</td>
<td>12/01/2018 TO 11/30/2021</td>
<td>INFORMATION SYSTEMS</td>
<td>INFORMATION SYSTEMS</td>
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### SOLICITATION METHOD FOR SOURCE SELECTION

No Decision Memo Required  Sole Source - Attach Sole Source Justification

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<tr>
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<th>Status</th>
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<tr>
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<tr>
<td>Deborah Hanson</td>
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<td>09/12/2018 1:20 PM</td>
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<tr>
<td>Donald Carlsen</td>
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Procurement Review Checklist
Procurement Services Division

<table>
<thead>
<tr>
<th>Vendor: CA Technologies</th>
<th>Vendor #: 10351</th>
<th>Contract: 12/01/2018 to 11/30/2021</th>
<th>Contract Total: $131,518.80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept: Information Technology</td>
<td>Contact: Greg Smith</td>
<td>Phone: 630.407.5023</td>
<td>Assigned Committee: Technology</td>
</tr>
</tbody>
</table>

Description of Procurement/Scope of Work/Background:
Procurement of System licensing, support, diagnostics and upgrades for the following software/program products: CA-1, SYMDUMP CICS, DADS PLUS, CA-MIGRATE, FAVER, DISK ALLOCATE, VANTAGE and CA INTERTEST FOR CICS.

Reason for Procurement:
Support software required for system and mission critical application testing and debugging support. The current contract expires on 11/30/2018 and this three (3) year agreement (paid annually) replaces it.

FUNDING SOURCE
- Procurement budgeted for (FY and budget code(s)): FY19/20/21 - 1000-1110-53807 ($43,839.60 paid annually)
- Budget Transfer (Date) Add'l Information

DECISION MEMO NOT REQUIRED
- LOWEST RESPONSIBLE QUOTE # or BID # _______________ (QUOTE < $25,000, BID ≥ $25,000; attach Tabulation)
- RENEWAL, Enter Bid # _______________ Intergovernmental Agreement
- SOLE SOURCE per DuPage County Purchasing Ordinance, Article 4-102(5) (attach Sole Source Justification form)
- PER 55 ILCS 5/5-1022 'Competitive Bids' (d) IT/Telecom purchases under $35,000.00 Public Utility
- PER 55 ILCS 5/5-1022 'Competitive Bids' (c) not suitable for competitive bidding. Explain below:

DECISION MEMO REQUIRED
- Cooperative Procurement (DPC4-107) or Government Joint Purchasing Act Procurement (30 ILCS 5/25)
- EXPLANATION OF REQUEST FOR PROPOSAL RFP # _______________ (Include Evaluation Summary if applicable)
- RENEWAL OF RFP # _______________
- PROFESSIONAL SERVICES EXCLUDED per DuPage Ordinance (4-108) and 50 ILCS 510/2 (Architects, Engineers and Land Surveyors)
- OTHER PROFESSIONAL SERVICES (detail vetting process on Decision Memo)
- REQUEST WAIVER OF COUNTY BID RULES (only allowable to Statutory Limits)
- OTHER THAN LOWEST RESPONSIBLE, BID # _______________

PREPARED BY AND APPROVAL(S) (Initials Only)

Prepared By: [Signature] Sep 7, 2018
Recommended for Approval: [Signature] Date: 9/2/18
IT Approval, if required: [Signature] Date

REVIEWED BY (Initials Only)

Buyer: [Signature] Date: 9-13-18
Procurement Officer: Date
Chairman’s Office: Date

Chief Financial Officer (Decision Memos Over $25,000): [Signature] Date: 9-18-18

(Decision Memos Over $25,000) Date
# Purchase Requisition
## Procurement Services Division

**Send Purchase Order To:**

<table>
<thead>
<tr>
<th>Vendor: CA Technologies Inc.</th>
<th>Dept: Information Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vendor #: 10351</td>
<td>Div.:</td>
</tr>
</tbody>
</table>
Attn: Anh Sigmon Email: Anh.Sigmon@ca.com
Address: 2291 Wood Oak Drive
City: Herndon State: VA Zip: 20171-2823
Phone: 703.708.3588 Fax: 630.407.5023

**Send Invoices To:**

<table>
<thead>
<tr>
<th>Vendor: CA Technologies</th>
<th>Dept: Information Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept: Information Technology</td>
<td></td>
</tr>
</tbody>
</table>
Attn: Greg Smith Email: greg.smith@dupageco.org
Address: 421 N. County Farm Road Room: L400B
City: Wheaton State: IL Zip: 60187
Phone: 630.407.5023 Fax: 630.407.5001

**Send Payments To:**

<table>
<thead>
<tr>
<th>Vendor: CA Technologies</th>
<th>Dept: Information Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vendor #: 10351</td>
<td>Div.:</td>
</tr>
</tbody>
</table>
Attn: Greg Smith Email: greg.smith@dupageco.org
Address: Box 3591 - PO Box 8500
City: Philadelphia State: PA Zip: 19178-3593
Phone: Fax: 630.407.5023 Fax: 630.407.5001

**Ship To:**

<table>
<thead>
<tr>
<th>Vendor: CA Technologies</th>
<th>Dept: Information Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept: Information Technology</td>
<td></td>
</tr>
</tbody>
</table>
Attn: Greg Smith Email: greg.smith@dupageco.org
Address: 421 N. County Farm Road Room: L400B
City: Wheaton State: IL Zip: 60187
Phone: 630.407.5023 Fax: 630.407.5001

**Payment Terms**

<table>
<thead>
<tr>
<th>F.O.B.</th>
<th>PO 20 Delivery Date</th>
<th>Requisitioner</th>
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**Use for**

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<tr>
<th>Contract Administrator</th>
<th>Contract Start Date</th>
<th>Contract End Date</th>
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<td>Sarah Godzicki</td>
<td>Dec 1, 2018</td>
<td>Nov 30, 2021</td>
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<th>FY</th>
<th>Dept #</th>
<th>Acctg Unit</th>
<th>Acct #</th>
<th>Sub-Accts and/or Activity #</th>
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<td>1</td>
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<td>43,839.60</td>
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</table>

**Requisition Total:** $131,518.80

**Header Comments** (these comments will appear on the PO20 and PO25 Purchase Order):

Customer ID No: 33834. Three (3) year software/program product licensing renewal; Invoiced / paid annually; fixed amount of $43,839.60 per year for years.

**Special Instructions/Comments to Buyer or Approver** (these comments will NOT appear on the Purchase Order):

Please "cc" Greg Smith when emailing vendor procurement packet/PO notification. Thank you.

**User Department Internal Notes** (these comments will NOT appear on the Purchase Order):
JUSTIFICATION FOR SOLE SOURCE

(PLEASE COMPLETE AND ATTACH TO PURCHASE REQUISITION)

<table>
<thead>
<tr>
<th>REQUISITION #</th>
<th>DEPARTMENT</th>
<th>INFORMATION TECHNOLOGY</th>
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</thead>
<tbody>
<tr>
<td>MANUFACTURER</td>
<td>CA Technologies</td>
<td></td>
</tr>
<tr>
<td>PRODUCT #</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

DESCRIBE ITEM BEING JUSTIFIED AND ITS FUNCTION:

z System support/software licensing: CA-1, SYMDUMP CICS, DADS PLUS, CA-MIGRATE, FAVER, DISK ALLOCATE, VANTAGE and CA INTERTEST FOR CICS. Support software required for system and mission critical application development, testing and debugging support.

THIS IS A SOLE SOURCE BECAUSE VENDOR IS:
- [ ] sole provider of a licensed or patented good or service
- [ ] sole provider of items that are compatible with existing equipment, inventory, systems, programs or services
- [ ] sole provider of factory-authorized warranty service
- [ ] sole authorized distributor – manufacturer has established territories (e.g. Caterpillar parts) (Please attach letter from the manufacturer)
- [ ] the manufacturer (please detail below or attach information regarding why only this manufacturer's product can be used)
- [ ] the software manufacturer (and sole maintenance/update provider)
- [ ] other – (please detail below or in an attachment)

REQUESTED SOURCE | CA Technologies | CONTACT | Anh Sigmon
PHONE | 703.708.3588 | WEBSITE | anh.sigmon@ca.com

WHAT NECESSARY AND UNIQUE FEATURES DOES THIS VENDOR'S PRODUCT OR SERVICE PROVIDE WHICH ARE NOT AVAILABLE FROM OTHER VENDORS? (Please be specific)

CA Technologies is the sole manufacturer/provider of the noted support software currently integrated into the County's operating and application environments.

HAS THE MARKET BEEN TESTED LATELY (LAST 12 MONTHS) ON THE APPLICABILITY OF SOLE SOURCE? (If not, why not?)

N/A - this is a proprietary software owned/supported directly by CA Technologies.

WHAT STEPS WERE TAKEN TO VERIFY THAT THESE FEATURES ARE NOT AVAILABLE ELSEWHERE? WERE OTHER BRANDS/MANUFACTURERS EXAMINED? (Please list other products or services examined – include names & phone numbers of people contacted)

CA Technologies is the direct software provider; no business and/or marketing partners in their business model.

Signature on File 9-12-18
DEPARTMENT APPROVAL DATE

Signature on File 9-14-18
PURCHASING REVIEW DATE
CA, Inc. ("CA")
2291 Wood Oak Drive Herndon, Virginia 20171

Effective Date of this Order Form: 12/1/2018

Order Form #: 00052969.0 (When using a Purchase Order, please reference this number thereby incorporating the terms, pricing and governing contract defined herein.)

Customer Name: DUPAGE COUNTY INFORMATION TECHNOLOGY (which may be referred to as "Customer" or "You" or "Licensee" in the referenced Governing Contract below)

Customer ID No: 33834

Customer Address: 421 N County Farm Rd, Wheaton, IL, US, 60187-3978

Billing Address: Dcp Information Technology, 421 N County Farm Rd, Wheaton, IL, US, 60187-3978

Billing Contact: Sarah Godzicki Phone: 630-407-5037 E-mail: sarah.godzicki@dupageco.org

Shipment Address: 421 N County Farm Rd, Wheaton, IL, US, 60187-3978

Shipping Contact: Greg Smith Territory:

Technical Contact: Greg Smith Phone: 630-407-5023 E-mail: greg.smith@dupageco.org

Name of Governing Contract: License Agreement No. 394745 effective June 20, 1995

For Customer Administrative Purposes Only:

PO Required? PO #: 

CA Software licensed may be subject to Specific Program Documentation ("SPD") located at: http://www.ca.com/licenseagreement.
CA Education is provided pursuant to Specific Program Documentation ("SPD") located at http://www.ca.com/licenseagreement and the Education Terms located at http://ca.com/education/terms. SaaS, if ordered is provided pursuant to the SaaS Listings located at: https://www.ca.com/us/why-ca/saas/saas-resources.html.

Offer Expiration
The pricing and terms offered herein expire unless Customer executes and delivers this document to CA prior to 5 PM EST on November 15, 2018, however this provision shall be null and void and have no legal effect if this document is countersigned by CA.

Payment Profile (USD)

<table>
<thead>
<tr>
<th>Payment Date</th>
<th>Support Fee</th>
<th>Total Fees Due</th>
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<tbody>
<tr>
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<td>$43,839.60</td>
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<tr>
<td>12/1/2020</td>
<td>$43,839.60</td>
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In the event Customer purchases CA Maintenance ("CA Maintenance" may also be referred to as "CA Support"), technical and customer care expertise for CA Software is available 24x7x365 from CA's self-service web portal and by telephone for Severity 1 issues, or during regular business hours by telephone for any other issue. Technical support will be provided in accordance with the overview and guidelines available on CA Support Online at: https://support.ca.com.
CA, Inc. ("CA")
2291 Wood Oak Drive Herndon, Virginia 20171

CA Mainframe Software Information (USD)

<table>
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<th>End Date</th>
<th>Ship (Y/N)</th>
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<td>1 Designated CPU</td>
<td>12/1/2018</td>
<td>11/30/2021</td>
<td>No</td>
</tr>
<tr>
<td>CA One TAPE MANAGEMENT MIPS</td>
<td>UMF</td>
<td>MVS</td>
<td>123 MIPS</td>
<td>12/1/2018</td>
<td>11/30/2021</td>
<td>No</td>
</tr>
<tr>
<td>CA Disk™ Backup and Restore MIPS</td>
<td>UMF</td>
<td>MVS</td>
<td>123 MIPS</td>
<td>12/1/2018</td>
<td>11/30/2021</td>
<td>No</td>
</tr>
<tr>
<td>CA FAVOR VSAM Data Protection MIPS</td>
<td>UMF</td>
<td>MVS</td>
<td>123 MIPS</td>
<td>12/1/2018</td>
<td>11/30/2021</td>
<td>No</td>
</tr>
<tr>
<td>CA Vantage™ Storage Resource Manager MIPS</td>
<td>UMF</td>
<td>MVS</td>
<td>123 MIPS</td>
<td>12/1/2018</td>
<td>11/30/2021</td>
<td>No</td>
</tr>
<tr>
<td>CA Allocate DASD Space and Placement with Quota Manager Plus</td>
<td>UMF</td>
<td>MVS</td>
<td>123 MIPS</td>
<td>12/1/2018</td>
<td>11/30/2021</td>
<td>No</td>
</tr>
<tr>
<td>CA Intertest for CICS for z/OS Plus</td>
<td>UMF</td>
<td>MVS</td>
<td>123 MIPS</td>
<td>12/1/2018</td>
<td>11/30/2021</td>
<td>No</td>
</tr>
<tr>
<td>CA SymDump® for CICS MIPS</td>
<td>UMF</td>
<td>MVS</td>
<td>123 MIPS</td>
<td>12/1/2018</td>
<td>11/30/2021</td>
<td>No</td>
</tr>
</tbody>
</table>

*With respect to perpetual licenses, Start Date and End Date refer to the start date and end date for Support.

**If no date stated, the start date is the Effective Date of the Order Form. The dates set out in the CA Software tables shall in no way be deemed to impact or change the Effective Date of this Order Form.

All amounts are exclusive of taxes which will be payable in addition to the fees listed above.

Mainframe CPU Information
As of the Effective Date of this Order Form, Customer is running the Mainframe CA Software with the Authorized Use Limitation as listed in the above grid on the following CPU(s):

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
<th>Serial Number</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM</td>
<td>2828-H06</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Stabilized Being Supported
Notwithstanding anything contained herein or in the License Agreement to the contrary, Licensee understands and acknowledges that CA DADS™ Plus for CICS and CA Migrate COBOL™ (the "Stabilized Products") have been stabilized by CA which means that, although CA is currently providing telephone support for such Licensed Programs, CA is not providing enhancements, or new releases or modifications of the Stabilized Products. Licensee agrees that CA has no obligation to provide any such enhancements, modifications or new releases and that no charge for the same has been included in the fees payable under this agreement.
CA, Inc. ("CA")
2291 Wood Oak Drive Herndon, Virginia 20171

Migration

- The Product(s) listed in the table below under the column "Original Product(s)" have been terminated and replaced with the Product(s) listed under the column "Migration Product(s)".
- In consideration of the termination of the Original Product(s) licenses, CA makes available to Customer licenses of the Migration Product(s).
- All financial obligations relating to the Original Product(s) remain valid and enforceable and are applicable to the Migration Product(s), and
- The Migration Product(s) are subject to the Agreement and this Order Form.

<table>
<thead>
<tr>
<th>CA Contract</th>
<th>Original Product(s)</th>
<th>Original Authorized Use Limitation</th>
<th>Migration Product(s)</th>
<th>New Authorized Use Limitation</th>
</tr>
</thead>
<tbody>
<tr>
<td>40230485</td>
<td>BrightStor® CA-Allocate™ DASD Space and Placement</td>
<td>1 Designated CPU Group 40</td>
<td>CA Allocate DASD Space and Placement with Quota Manager Plus</td>
<td>123 MIPS</td>
</tr>
<tr>
<td>40230485</td>
<td>CA One TAPE MANAGEMENT</td>
<td>1 Designated CPU Group 40</td>
<td>CA One TAPE MANAGEMENT MIPS</td>
<td>123 MIPS</td>
</tr>
<tr>
<td>40230485</td>
<td>CA Disk™ Backup and Restore for z/OS</td>
<td>1 Designated CPU Group 40</td>
<td>CA Disk™ Backup and Restore MIPS</td>
<td>123 MIPS</td>
</tr>
<tr>
<td>40230485</td>
<td>CA FAEVER VSAM Data Protection</td>
<td>1 Designated CPU Group 40</td>
<td>CA FAEVER VSAM Data Protection MIPS</td>
<td>123 MIPS</td>
</tr>
<tr>
<td>40230485</td>
<td>CA InterTest for CICS</td>
<td>1 Designated CPU Group 40</td>
<td>CA InterTest for CICS for z/OS Plus</td>
<td>123 MIPS</td>
</tr>
<tr>
<td>40230485</td>
<td>CA SymDump® CA-InterTest® Option for CICS</td>
<td>1 Designated CPU Group 40</td>
<td>CA SymDump® for CICS MIPS</td>
<td>123 MIPS</td>
</tr>
<tr>
<td>40230485</td>
<td>CA Vantage™ Storage Resource Manager</td>
<td>1 Designated CPU Group 40</td>
<td>CA Vantage™ Storage Resource Manager MIPS</td>
<td>123 MIPS</td>
</tr>
</tbody>
</table>

Logical Partition

The following additional terms shall apply to this Transaction:

Specific Program Documents, collectively provided by CA, and the following Measured Workload Mainframe License specific terms ("Mainframe Terms").

For purposes of Sections 1-4 below and this Transaction, 8 MIPS = 1 MSU.

1. Definitions

a. LPAR or "Logical Partition" shall mean the division of a computer's processors, memory, and storage into multiple sets of resources so that each set of resources can be operated independently with its own operating system instance and applications.

b. "MSU" shall mean millions of CPU service units per hour, which is the measure of capacity used to describe the computing power of the hardware processors on which IBM's Z/OS operating system, as well as the MSU Products and other mainframe software, runs. The Utilized MSU Capacity and the Utilized Z/OS MSU Capacity (each defined below) shall be determined by the IBM's Sub-Capacity Report which is created using IBM's Sub Capacity Reporting Tool (SCRT).
c. "Machine Rated Capacity" shall mean the total MSU capacity of the hardware processors, as determined and published by IBM.

d. "Utilized Z/OS MSU Capacity" shall mean the highest rolling four (4) hour average MSU utilization for all of the LPARs running the Z/OS operating system at the Licensee sites, which include CPUs located at third party site running the Products for the benefit of Licensee, (collectively "Licensee Processing Sites"), in the aggregate, running the Z/OS operating system in any given monthly period as specified in the IBM SCRT Report, regardless of where the MSU Products identified as the Z/OS MSU Capacity Product Set are actually installed or executed.

e. "Utilized MSU Capacity" shall mean, for each Product in the MSU Capacity Product Set, the sum of the highest rolling four (4) hour average MSU utilization of all LPARs on which each such Product in the MSU Capacity Product Set is installed and/or executing in any given monthly period as specified in the IBM SCRT Report. Notwithstanding the foregoing, in the event that any Product in the MSU Capacity Product Set is installed on more than one LPAR on a single hardware processor, then the Utilized MSU Capacity for such licensed product shall not exceed the Utilized Z/OS MSU Capacity or Machine Rated Capacity of such hardware processor.

2. Authorized Use
a. The Z/OS MSU Capacity Product Set usage shall not exceed the Utilized MSU Capacity and may be used only by and for the benefit, and to process exclusively the data, of Licensee at the Licensee Processing Sites. Licensee is authorized to use ("Utilization Limitations") the MSU Products at the utilization levels specified in the CA Mainframe Software Information table above for each respective product (the "Licensed MSUs").

b. In the event that the Utilized MSU Capacity exceeds the Licensed MSUs, Distributor shall pay to CA the supplemental fees as set forth in Section 4 below.

c. In the event that either (a) IBM changes the basis used by the IBM SCRT Reports to calculate and/or report computing capacity hereunder; or (b) Licensee elects to discontinue its enrollment in IBM's Variable Workload License program, CA agrees to negotiate in good faith an appropriate amendment relating specifically to the method by which computing capacity is determined and reported. In doing so, the parties agree to consider a revised calculation that will result in the maximum aggregate capacity limitations equivalent to those set forth in this Order Form. However, any new terms will in no way affect any other terms of such delivery orders including but not limited to, Customer's payment obligations and the products licensed hereunder.

3. Quarterly Reports; Audits
Within fifteen (15) days after the end of each calendar quarter, and by January 3, 2019, Licensee shall provide to CA at MWPUSAGE@ca.com a copy of the IBM SCRT Report for each month during such quarter, which shall be in the same form as delivered by Licensee to IBM. In addition to the IBM SCRT Reports, Licensee shall provide CA with a list of (a) each CPU located at the Licensee sites by manufacturer, model, operating system, serial number and the Machine Rated Capacity; and (b) the name of the LPAR and each Licensed Program executing on that LPAR at any time during each month. If requested by CA, Licensee's reports will also include Licensee's systems management facility records (the "SMF Records") and/or IBM's Workload License Charging Planning Tool. All of the above will include a certification by Licensee that all reports and information provided is accurate. CA shall thereupon review such reports and invoice Customer for any applicable fees due for the preceding three-month period provided that Licensee has exceeded the Licensed MSUs. Such fees shall be invoiced by CA in accordance with the pricing set forth in the respective delivery order and shall be due and payable by Customer within thirty
CA, Inc. ("CA")
2291 Wood Oak Drive Herndon, Virginia 20171

(30) days of receipt. In order to verify the accuracy of Licensee’s reports, Licensee shall, at CA’s request upon reasonabe notice, grant CA access to each Licensee site, and Licensee shall provide any further information as CA may reasonably require.

4. Supplemental License Fee
   a. For each month in which the Utilized MSU Capacity for any Product included in the MSU Capacity Product Set exceeds its applicable Licensed MSUs as determined in accordance with paragraph 3 hereof, Customer shall pay to CA a monthly supplemental workload charge (the “SWC”), inclusive of usage and maintenance, which shall be at the then-current fees.

   b. As an alternative to Section 4 a. above, Customer may elect to permanently increase the Licensed MSUs by providing written notice to CA and upon payment of a Supplemental License Fee (the “SLF”) and an annual Usage and Maintenance Fee (the “UMF”) at the then-current fee. The SLF and UMF are payable within thirty (30) days of receipt of invoice from CA. UMF is payable annually and the first UMF payment shall be prorated for the number of whole and/or partial months then remaining until the next anniversary of the Effective Date of the respective delivery order.

Product Deliveries
Any CA Software identified with "NO" under the heading entitled "Ship" above was previously delivered to Customer by CA and therefore will not be delivered to Customer again. CA Software identified with a "YES" will be delivered to Customer following execution of this order. The CA Software shall be delivered either by electronic delivery ("ESD") or if CA requires in tangible media CPT, as defined in INCOTERMS 2010, from CA’s shipping point. CA agrees to be responsible for all customs duties and clearances and title to any CA hardware if included will pass upon point of delivery to carrier at CA’s shipping location. In the event of electronic delivery, no tangible personal property will be delivered. Such electronic delivery may not automatically provide for an exemption from applicable sales or use tax. Any operating system identified as "Generic", "GA", or "MULTI-PLATFORM" denotes such operating systems for which the CA Software is made generally available by CA in accordance with CA current published specifications.

Audit
Within thirty (30) days of CA’s written request, Customer agrees to furnish CA with such information and access to its facilities and its Affiliates’ facilities and records as CA may reasonably request in order to verify its compliance with this Order Form and the Agreement. Such audit shall take place no more than once per twelve (12) month period and only during regular business hours on Customer business days.

Initial Payment: Wiring Information
Customer to wire the total initial payment due on or before the due date through a Same Day Fed Wire. For subsequent payments listed herein, CA will send Customer an invoice containing the applicable remit to address or updated wire transfer information at least 30 days prior to each respective due date. As of the date of this Order Form, the following wire transfer routing information applies: Wells Fargo Bank NA, ABA# 121000248, Account Name: CA, Inc. Lockbox Account#: 2000028313816.

Ordering Instructions
By referencing this Order Form on your order, it is agreed that ALL the terms of this Order Form are binding and, shall supersede any additional or modified terms and conditions, including any pre-printed terms of the order which shall have no force and effect.
CA, Inc. ("CA")
2291 Wood Oak Drive Herndon, Virginia 20171

CA Customer Reference Program
CA may ask you to serve as a reference to other CA customers, or prospective customers, for the CA Software, SaaS, and/or Services during the term of this Order Form. CA will not ask you to serve as a reference more than four (4) times per calendar year.

Entire Agreement
This document, and any applicable exhibits or referenced Governing Contract and applicable supplementary terms as defined herein constitutes the entire agreement of the parties and supersedes all prior communications, understandings and agreements relating to the subject matter hereof, whether oral or written. No term or condition contained in Customer’s purchase order or similar document will apply unless agreed upon hereunder, even if CA has accepted the order set forth in such purchase order, and all such terms or conditions are otherwise hereby expressly rejected by CA. No modification or claimed waiver of any provision herein shall be valid except by written amendment signed by authorized representatives of Customer and CA.

DUPAGE COUNTY INFORMATION TECHNOLOGY
Signature: _____________________________
Name: Deborah Hanson
Title: Deputy Director of IT
Date: 09/12/2018

CA, INC.
Signature: _____________________________
Name: _______________________________
Title: _______________________________
Date: _______________________________
Required Vendor Ethics Disclosure Statement

Failure to complete and return this form may result in delay or cancellation of the County’s Contractual Obligation.

Date: Aug 31, 2018
Bid/Contract/PO #: 1410-0001

Company Name: CA, Inc.
Contact Phone: (571) 246-2905
Company Contact: Anh Sigmon
Contact Email: Anh.Sigmon@ca.com

The DuPage County Procurement Ordinance requires the following written disclosures prior to award:

1. Every contractor, union, or vendor that is seeking or has previously obtained a contract, change orders to one (1) or more contracts, or two (2) or more individual contracts with the county resulting in an aggregate amount at or in excess of $25,000, shall provide to Procurement Services Division a written disclosure of all political campaign contributions made by such contractor, union, or vendor within the current and previous calendar year to any incumbent county board member, county board chairman, or countywide elected official whose office the contract to be awarded will benefit. The contractor, union or vendor shall update such disclosure annually during the term of a multi-year contract and prior to any change order or renewal requiring approval by the county board. For purposes of this disclosure requirement, "contractor or vendor" includes owners, officers, managers, lobbyists, agents, consultants, bond counsel and underwriters counsel, subcontractors and corporate entities under the control of the contracting person, and political action committees to which the contracting person has made contributions.

☐ NONE (check here) - If no contributions have been made

<table>
<thead>
<tr>
<th>Recipient</th>
<th>Donor</th>
<th>Description (e.g. cash, type of item, in-kind services, etc.)</th>
<th>Amount/Value</th>
<th>Date Made</th>
</tr>
</thead>
</table>

2. All contractors and vendors who have obtained or are seeking contracts with the county shall disclose the names and contact information of their lobbyists, agents and representatives and all individuals who are or will be having contact with county officers or employees in relation to the contractor bid and shall update such disclosure with any changes that may occur.

☐ NONE (check here) - If no contacts have been made

<table>
<thead>
<tr>
<th>Lobbyists, Agents and Representatives and all individuals who are or will be having contact with county officers or employees in relation to the contract or bid</th>
<th>Telephone</th>
<th>Email</th>
</tr>
</thead>
</table>

A contractor or vendor that knowingly violates these disclosure requirements is subject to penalties which may include, but are not limited to, the immediate cancellation of the contract and possible disbarment from future county contracts.

Continuing disclosure is required, and I agree to update this disclosure form as follows:

- If information changes, within five (5) days of change, or prior to county action, whichever is sooner
- 30 days prior to the optional renewal of any contract
- Annual disclosure for multi-year contracts on the anniversary of said contract
- With any request for change order except those issued by the county for administrative adjustments

The full text for the county’s ethics and procurement policies and ordinances are available at:
http://www.dupageco.org/CountyBoard/Policies/

I hereby acknowledge that I have received, have read, and understand these requirements.

Authorized Signature

Signature on File

Printed Name
Lisa A. Kiefer

Title
Principal, Sales Accounting

Date
August 31, 2018

Attach additional sheets if necessary. Sign each sheet and number each page. Page 1 of 1 (total number of pages)
AWARDING RESOLUTION TO
IBM CORPORATION FOR
PROGRAM PRODUCT SOFTWARE LICENSES,
SUPPORT AND MAINTENANCE
(CONTRACT TOTAL AMOUNT $111,171.72)

WHEREAS, an agreement has been negotiated in accordance with County Board policy; and

WHEREAS, the Technology Committee recommends County Board approval for issuance of a contract purchase order to IBM Corporation, for program product software licenses for IBM z/OS and software support and maintenance for the BC12 z System Server for the period of December 1, 2018 through November 30, 2019, for Information Technology

NOW, THEREFORE BE IT RESOLVED, that covering said contract for the purchase of program product software licenses for IBM z/OS and software support and maintenance for the BC12 z System Server, for Information Technology, be, and it is hereby approved for issuance of a contract purchase order by the Procurement Division to IBM Corporation, 71 S. Wacker Drive, Illinois Public Sector, Chicago, IL 60606-4637, for a contract total amount of $111,171.72.

Enacted and approved this 25th day of September, 2018 at Wheaton, Illinois.

________________________________
DANIEL J. CRONIN, CHAIRMAN
DU PAGE COUNTY BOARD

Attest: _________________________________
PAUL HINDS, COUNTY CLERK
## PROCUREMENT REVIEW CHECKLIST

### REQUISITION
This form must accompany all County Purchase Requisitions.

### NEW PURCHASE ORDER REQUEST

<table>
<thead>
<tr>
<th>DATESubmitted</th>
<th>CONTRACT TOTAL AMOUNT</th>
<th>CONTRACT TERM</th>
<th>REQUESTING DEPT.</th>
<th>INFORMATION SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 21, 2018</td>
<td>$111,171.72</td>
<td>12/01/2018 TO 11/30/2019</td>
<td>INFORMATION SYSTEMS</td>
<td>INFORMATION SYSTEMS</td>
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</tbody>
</table>

### SOLICITATION METHOD FOR SOURCE SELECTION

**No Decision Memo Required**  Sole Source - Attach Sole Source Justification

- **Sarah Godzicki**  Completed 08/29/2018 11:37 AM
- **Deborah Hanson**  Completed 08/29/2018 11:44 AM
- **Donald Carlsen**  Completed 08/29/2018 7:32 PM
- **Kathy Ostrowski**  Completed 08/30/2018 4:23 PM
- **James McGuire**  Completed 08/31/2018 3:00 PM
- **Paul Rafac**  Completed 09/04/2018 2:06 PM
- **Kathy Ostrowski**  Completed 09/05/2018 9:06 AM
- **Technology Committee**  Pending 09/25/2018 9:00 AM
- **Finance Committee**  Pending 09/25/2018 8:00 AM
- **County Board**  Pending 09/25/2018 10:00 AM
**Procurement Review Checklist**

**Procurement Services Division**

This form must accompany all Purchase Order Requisitions
Attach Required Vendor Ethics Disclosure Statement

<table>
<thead>
<tr>
<th>Vendor: IBM Corporation</th>
<th>Vendor #: '10005</th>
<th>Contract Term: 12/1/18 - 11/30/19</th>
<th>Contract Total: $111,171.72</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept: Information Technology</td>
<td>Contact: Greg Smith</td>
<td>Phone: 630.407.5023</td>
<td>Assigned Committee: Technology</td>
</tr>
</tbody>
</table>

**Description of Procurement/Scope of Work/Background:**

Twelve (12) month (paid monthly) program product and operating system software licenses for IBM z/OS including software support and maintenance for core systems and applications on the z System server.

**Reason for Procurement:**
The current purchase order expires on 11/30/2018 and this replaces it.

**FUNDING SOURCE**

- [ ] Procurement budgeted for (FY and budget code(s)): FY19 - 1000-1110-53410
- [ ] Budget Transfer (Date) ________ Add'l Information

**DECISION MEMO NOT REQUIRED**

- [ ] LOWEST RESPONSIBLE QUOTE # or BID # __________________________ (QUOTE < $25,000, BID ≥ $25,000; attach Tabulation)
- [ ] RENEWAL, Enter Bid # __________________________ Intergovernmental Agreement
- [ ] SOLE SOURCE per DuPage County Purchasing Ordinance, Article 4-102(5) (attach Sole Source Justification form)
- [ ] PER 55 ILCS 5/5-1022 'Competitive Bids' (d) IT/Telecom purchases under $35,000.00
- [ ] PER 55 ILCS 5/5-1022 'Competitive Bids' (c) not suitable for competitive bidding. Explain below:

**DECISION MEMO REQUIRED**

- [ ] Cooperative Procurement (DPC4-107) or Government Joint Purchasing Act Procurement (30ILCSS25)
- [ ] EXPLANATION OF REQUEST FOR PROPOSAL RFP # __________________________ (include Evaluation Summary if applicable)
- [ ] RENEWAL OF RFP # __________________________
- [ ] PROFESSIONAL SERVICES EXCLUDED per DuPage Ordinance (4-108) and 50 ILCS 510/2 (Architects, Engineers and Land Surveyors)
- [ ] OTHER PROFESSIONAL SERVICES (detail vetting process on Decision Memo)
- [ ] REQUEST WAIVER OF COUNTY BID RULES (only allowable to Statutory Limits)
- [ ] OTHER THAN LOWEST RESPONSIBLE, BID # __________________________

**PREPARED BY AND APPROVAL(S) (Initials Only)**

<table>
<thead>
<tr>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>gs</td>
</tr>
</tbody>
</table>

Prepared By: Aug 20, 2018

Recommended for Approval: 8-29-18

IT Approval, if required: Date

**REVIEWED BY (Initials Only)**

<table>
<thead>
<tr>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buyer</td>
</tr>
</tbody>
</table>

Date: 8/31/18

Procurement Officer: Date: 8-31-18

<table>
<thead>
<tr>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chief Financial Officer</td>
</tr>
</tbody>
</table>

Date: 9-4-18

Chairman's Office (Decision Memos Over $25,000): Date

FORM OPTIMIZED FOR ADOBE READER VERSION 9 OR LATER
**Purchase Requisition**

**Procurement Services Division**

---

**Send Purchase Order To:**

<table>
<thead>
<tr>
<th>Vendor</th>
<th>Vendor #:</th>
<th>Dept:</th>
<th>Division:</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM Corporation</td>
<td>10005</td>
<td>Information Technology</td>
<td></td>
</tr>
<tr>
<td>Attn: Carol Massey Email: <a href="mailto:clmart@us.ibm.com">clmart@us.ibm.com</a></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address: 71 S. Wacker Drive</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City: Chicago State: IL Zip: 60606-4637</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone: 408.893.8017</td>
<td></td>
<td></td>
<td></td>
</tr>
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</table>

**Send Invoices To:**

<table>
<thead>
<tr>
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<th>Vendor #:</th>
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<th>Division:</th>
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<tbody>
<tr>
<td>IBM Corporation</td>
<td>10005</td>
<td>Information Technology</td>
<td></td>
</tr>
<tr>
<td>Attn: Greg Smith Email: <a href="mailto:greg.smith@dupageco.org">greg.smith@dupageco.org</a></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address: 421 N. County Farm Road Room: L400B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City: Wheaton State: IL Zip: 60187</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone: 630.407.5023 Fax:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Send Payments To:**

<table>
<thead>
<tr>
<th>Vendor</th>
<th>Vendor #:</th>
<th>Dept:</th>
<th>Division:</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM Corporation</td>
<td>10005</td>
<td>Information Technology</td>
<td></td>
</tr>
<tr>
<td>Attn:</td>
<td>Email:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address: P.O. Box 643600</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City: Pittsburgh State: PA Zip: 15264-3600</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone: 877.426.6006 Fax:</td>
<td></td>
<td></td>
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</table>

**Payment Terms**

<table>
<thead>
<tr>
<th>F.O.B.</th>
<th>PO 20 Delivery Date</th>
<th>Requisitioner</th>
</tr>
</thead>
<tbody>
<tr>
<td>PER 50 I LCS 505/1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Use for:**

<table>
<thead>
<tr>
<th>Contract Administrator</th>
<th>Contract Start Date</th>
<th>Contract End Date</th>
<th>Use for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sarah Godzicki</td>
<td>Dec 1, 2018</td>
<td>Nov 30, 2019</td>
<td>PO25 only</td>
</tr>
</tbody>
</table>

**Ship To:**

<table>
<thead>
<tr>
<th>Vendor</th>
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<th>Division:</th>
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**LN** | **Qty** | **UOM** | **Item Detail (Product #)** | **Description** | **FY** | **Dept #** | **Acc#** | **Sub-Accts and/or Activity #** | **Unit Price** | **Extension** |
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**Requisition Total** | $ 111,171.72 |

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**Header Comments** (these comments will appear on the PO20 and PO25 Purchase Order):

Twelve (12) month purchase order for z System operating system (z/OS) and and program product software license per Group 38, 6 MSU pricing bracket (2828-A01 entry level model).

**Special Instructions/Comments to Buyer or Approver** (these comments will NOT appear on the Purchase Order):

IBM customer number 2612600-00. Note; Please “cc” Greg Smith when emailing vendor PO notification. Thank you.

**User Department Internal Notes** (these comments will NOT appear on the Purchase Order):
Mr. Greg Smith  
DuPage County Information Technology  

October 25, 2017  

Dear Greg:  

This letter is to inform you that IBM direct is the only source for the operating system and programming product software license for your IBM zBC12 business class server. These products include: z/OS V2 Base, z/OS V2 DFSMS dss, z/OS V2 DFSORT, z/OS V2 RMF, z/OS V2 SDFS, z/OS V2 Security Server, Ent. COBOL V6 and CICS TSV5. These products cannot be acquired from IBM Business Partners or other sources. If you have any questions please let me know.  

Sincerely,  

Katie Heckman  
zMLC Software Client Leader  
IBM Z
JUSTIFICATION FOR SOLE SOURCE

REQUISITION #
MANUFACTURER: IBM Corporation
PRODUCT #: 8CF37 2828-01

DEPARTMENT: Information Technology

DESCRIPTION ITEM BEING JUSTIFIED AND ITS FUNCTION:

Operating system and program product software license for IBM zSystem's zBC12 business class server; z/OS v2 Base; DFSMS dss; DFSORT; RMF; SDSF; v2 Security Server; Ent COBOL v6; and CICS TS v6.

THIS IS A SOLE SOURCE BECAUSE VENDOR IS:

☑ sole provider of a licensed or patented good or service
☑ sole provider of items that are compatible with existing equipment, inventory, systems, programs or services
☑ sole provider of factory-authorized warranty service
☑ sole authorized distributor – manufacturer has established territories (e.g. Caterpillar parts) (Please attach letter from the manufacturer)
☑ the manufacturer (please detail below or attach information regarding why only this manufacturer's product can be used)
☑ the software manufacturer (and sole maintenance/update provider)
☐ other – (please detail below or in an attachment)

REQUESTED SOURCE: IBM Corporation
CONTACT: Carol Massey
PHONE: 408.893.8017
WEBSITE: www.ibm.com

WHAT NECESSARY AND UNIQUE FEATURES DOES THIS VENDOR'S PRODUCT OR SERVICE PROVIDE WHICH ARE NOT AVAILABLE FROM OTHER VENDORS? (Please be specific)

This is a proprietary system.

HAS THE MARKET BEEN TESTED LATELY (LAST 12 MONTHS) ON THE APPLICABILITY OF SOLE SOURCE? (If not, why not?)

No. See attached memo from vendor.

WHAT STEPS WERE TAKEN TO VERIFY THAT THESE FEATURES ARE NOT AVAILABLE ELSEWHERE? WERE OTHER BRANDS/MANUFACTURERS EXAMINED? (Please list other products or services examined – include names & phone numbers of people contacted)

This is a proprietary system.

Signature on File: 8-29-18
Department Approval: DATE

Signature on File: 8-31-18
Purchasing Review: DATE
<table>
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<th>PID</th>
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<th>LVL</th>
<th>QTY</th>
<th>Price</th>
<th>Supported Versions/Releases</th>
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</table>

Monthly Price: $9,264.31

Annual Price: $111,171.72

Notes:

*Quote Effective through 6/30/2019*

Price quote is full capacity

IBM Contact:
Carol Massey
System z Software Client Leader, MLC Specialist
IBM Software Sales
Phone: 408-893-8017
Email: clmart@us.ibm.com
The DuPage County Procurement Ordinance requires the following written disclosures prior to award:

1. Every contractor, union, or vendor that is seeking or has previously obtained a contract, change orders to one (1) or more contracts, or two (2) or more individual contracts with the county resulting in an aggregate amount at or in excess of $25,000, shall provide to Procurement Services Division a written disclosure of all political campaign contributions made by such contractor, union, or vendor within the current and previous calendar year to any incumbent county board member, county board chairman, or countywide elected official whose office the contract to be awarded will benefit. The contractor, union or vendor shall update such disclosure annually during the term of a multi-year contract and prior to any change order or renewal requiring approval by the county board. For purposes of this disclosure requirement, "contractor or vendor" includes owners, officers, managers, lobbyists, agents, consultants, bond counsel and underwriters counsel, subcontractors and corporate entities under the control of the contracting person, and political action committees to which the contracting person has made contributions.

- **NONE (check here) - If no contributions have been made**

<table>
<thead>
<tr>
<th>Recipient</th>
<th>Donor</th>
<th>Description (e.g. cash, type of item, in-kind services, etc.)</th>
<th>Amount/Value</th>
<th>Date Made</th>
</tr>
</thead>
</table>

2. All contractors and vendors who have obtained or are seeking contracts with the county shall disclose the names and contact information of their lobbyists, agents and representatives and all individuals who are or will be having contact with county officers or employees in relation to the contractor bid and shall update such disclosure with any changes that may occur.

- **NONE (check here) - If no contacts have been made**

<table>
<thead>
<tr>
<th>Lobbyists, Agents and Representatives and all individuals who are or will be having contact with county officers or employees in relation to the contract or bid</th>
<th>Telephone</th>
<th>Email</th>
</tr>
</thead>
</table>

A contractor or vendor that knowingly violates these disclosure requirements is subject to penalties which may include, but are not limited to, the immediate cancellation of the contract and possible disbarment from future county contracts.

**Continuing disclosure is required, and I agree to update this disclosure form as follows:**
- If information changes, within five (5) days of change, or prior to contract action, whichever is sooner
- 30 days prior to the optional renewal of any contract
- Annual disclosure for multi-year contracts on the anniversary of said contract
- With any request for change order except those issued by the county for administrative adjustments

The full text for the county's ethics and procurement policies and ordinances are available at:

http://www.dupageco.org/CountyBoard/Policies/

I hereby acknowledge that I have received, have read, and understand these requirements.

**Authorized Signature**

**Signature on File**

Name: Carol Massey
Title: IBM Z Software Client Leader, MLC Specialist
Date: Aug 16, 2018

Attach additional sheets if necessary. Sign each sheet and number each page. Page 1 of 1 (total number of pages)
AWARDING RESOLUTION TO
SWC TECHNOLOGY PARTNERS, INC.
FOR THE ANNUAL
FIRE EYE SOFTWARE SUPPORT AND MAINTENANCE
(CONTRACT TOTAL AMOUNT: $109,916.00)

WHEREAS, pursuant to Intergovernmental Agreement between the County of DuPage and the Government Services Administration (GSA), the County of DuPage will contract with SWC Technology Partners; and

WHEREAS, the Technology Committee recommends County Board approval for the issuance of a contract purchase order to SWC Technology Partners, Inc., for the annual FireEye Advanced Threat Intelligence platform support and maintenance, for Information Technology.

NOW, THEREFORE BE IT RESOLVED, that County Contract, covering said, for the renewal of FireEye Advanced Threat Intelligence platform support and maintenance, for Information Technology, be, and it is hereby approved for issuance of a contract purchase order by the Procurement Division to SWC Technology Partners, Inc., 1420 Kensington Road, Oak Brook, IL 60523-2144, for the period of October 8, 2018 through December 9, 2019, for a contract total amount of $109,916.00, per Government Services Administration (GSA) Schedule 70 pricing.

Enacted and approved this 25th day of September, 2018 at Wheaton, Illinois.

________________________________________
DANIEL J. CRONIN, CHAIRMAN
DU PAGE COUNTY BOARD

Attest: __________________________________
PAUL HINDS, COUNTY CLERK
**PROCUREMENT REVIEW CHECKLIST**

**REQUISITION**

This form must accompany all County Purchase Requisitions.

### NEW PURCHASE ORDER REQUEST

<table>
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<th>CONTRACT TOTAL AMOUNT</th>
<th>CONTRACT TERM</th>
<th>REQUESTING DEPT.</th>
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<td>September 11, 2018</td>
<td>$109,916.00</td>
<td>ONE TIME PURCHASE - MAINTENANCE FROM 10/8/2018 TO 12/9/2019</td>
<td>INFORMATION SYSTEMS</td>
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### SOLICITATION METHOD FOR SOURCE SELECTION

**Decision Memo Required**  Per Cooperative Agreement

- Sarah Godzicki: Completed 09/12/2018 11:50 AM
- Deborah Hanson: Completed 09/12/2018 11:58 AM
- Donald Carlsen: Completed 09/12/2018 1:14 PM
- Kathy Ostrowski: Completed 09/13/2018 10:41 AM
- James McGuire: Completed 09/13/2018 4:11 PM
- Paul Rafac: Completed 09/18/2018 6:22 PM
- Tom Cuculich: Completed 09/19/2018 11:34 AM
- Kathy Ostrowski: Completed 09/19/2018 12:10 PM
- Technology Committee: Pending 09/25/2018 9:00 AM
- Finance Committee: Pending 09/25/2018 8:00 AM
- County Board: Pending 09/25/2018 10:00 AM
**Procurement Review Checklist**

**Procurement Services Division**

This form must accompany all Purchase Order Requisitions

Attach Required Vendor Ethics Disclosure Statement

<table>
<thead>
<tr>
<th>Vendor: SWC Technology Partners</th>
<th>Vendor #: 12529</th>
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<tr>
<td>Dept: Information Technology</td>
<td>Contact: Wendi Wagner</td>
</tr>
<tr>
<td>Phone: 630-407-5064</td>
<td>Assigned Committee: Technology</td>
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<tr>
<td>Contract Term: 10/08/18 - 12/09/19</td>
<td>Contract Total: $109,916.00</td>
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**Description of Procurement/Scope of Work/Background**


**Reason for Procurement**

As part of the County's Cyber Security protection, FireEye protects the County's network and endpoints against malware attacks. Keeping current maintenance is required to get the latest software updates.

**FUNDING SOURCE**

- [x] Procurement budgeted for (FY and budget code(s)): FY18 - 1000-1110-53807; 1000-1160-54100-1110
- [ ] Budget Transfer (Date) Add'l Information

**DECISION MEMO NOT REQUIRED**

- [x] LOWEST RESPONSIBLE QUOTE # or BID # ____________________________ (QUOTE < $25,000, BID ≥ $25,000; attach Tabulation)
- [x] RENEWAL, Enter Bid # ____________________________ Intergovernmental Agreement
- [ ] SOLE SOURCE per DuPage County Purchasing Ordinance, Article 4-102(5) (attach Sole Source Justification form)
- [ ] PER 55 ILCS 5/5-1022 'Competitive Bids' (d) IT/Telecom purchases under $35,000.00 Public Utility
- [ ] PER 55 ILCS 5/5-1022 'Competitive Bids' (c) not suitable for competitive bidding. Explain below: ____________________________

**DECISION MEMO REQUIRED**

- [x] Cooperative Procurement (DPC4-107) or Government Joint Purchasing Act Procurement (30ILCS25)
- [x] Under Government Joint Purchasing Act (30ILCS25) select one below
  - GSA Government Services Administration # Schedule 70
- [ ] EXPLANATION OF REQUEST FOR PROPOSAL RFP # ____________________________ (include Evaluation Summary if applicable)
- [ ] RENEWAL OF RFP # ____________________________
- [ ] PROFESSIONAL SERVICES EXCLUDED per DuPage Ordinance (4-108) and 50 ILCS 510/2 (Architects, Engineers and Land Surveyors)
- [ ] OTHER PROFESSIONAL SERVICES (detail vetting process on Decision Memo)
- [ ] REQUEST WAIVER OF COUNTY BID RULES (only allowable to Statutory Limits)
- [ ] OTHER THAN LOWEST RESPONSIBLE, BID # ____________________________

**PREPARED BY AND APPROVAL(S) (Initials Only)**

<table>
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<tr>
<th>S/G</th>
<th>Prepared By</th>
<th>Date</th>
<th>Recommended for Approval</th>
<th>Date</th>
<th>IT Approval, if required</th>
<th>Date</th>
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<tr>
<td>Buyer</td>
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<tr>
<td>Chief Financial Officer</td>
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<tr>
<td>(Decision Memos Over $25,000)</td>
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# Purchase Requisition

**Procurement Services Division**

**Date:** Sep 11, 2018  
**MinuteTraq (IQM2) ID #:** 13470  
**Department Req #:**  
**RFP, Bid or Quote #:** 554605

**Send Purchase Order To:**

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<th>Dept: Information Technology</th>
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<tbody>
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<td>Division:</td>
</tr>
<tr>
<td>Attn: Michael Gedville</td>
<td>Email:</td>
</tr>
<tr>
<td>Address: 1420 Kensington Road</td>
<td>Attn: Sarah Godzicki</td>
</tr>
<tr>
<td>State: IL</td>
<td>Email: <a href="mailto:sarah.godzicki@dupageco.org">sarah.godzicki@dupageco.org</a></td>
</tr>
<tr>
<td>City: Oak Brook</td>
<td></td>
</tr>
<tr>
<td>Zip: 60523-2144</td>
<td></td>
</tr>
<tr>
<td>Phone: 630-572-0240</td>
<td></td>
</tr>
<tr>
<td>Fax: 630-572-0390</td>
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**Send Invoices To:**

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<th>Dept: Information Technology</th>
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<td>Division:</td>
</tr>
<tr>
<td>Attn: Wendi Wagner</td>
<td>Email: <a href="mailto:wendi.wagner@dupageco.org">wendi.wagner@dupageco.org</a></td>
</tr>
<tr>
<td>Address: PO Box 6590</td>
<td></td>
</tr>
<tr>
<td>State: IL</td>
<td></td>
</tr>
<tr>
<td>City: Carol Stream</td>
<td></td>
</tr>
<tr>
<td>Zip: 60122-4436</td>
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<td>Phone: 630-572-0240</td>
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<tr>
<td>Fax: 630-572-0390</td>
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**Send Payments To:**

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<td>Division:</td>
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<tr>
<td>Attn: Michael Gedville</td>
<td></td>
</tr>
<tr>
<td>Address: 421 N. County Farm Road</td>
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</tr>
<tr>
<td>State: IL</td>
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<tr>
<td>City: Wheaton</td>
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<td>Zip: 60187</td>
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**Ship To:**

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<tr>
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<td>Email: <a href="mailto:wendi.wagner@dupageco.org">wendi.wagner@dupageco.org</a></td>
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**Payment Terms**

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<tr>
<td>PER 50 ILCS 505/1</td>
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**Use for PO25 only**

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**Item Detail**

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<th>UOM</th>
<th>Description</th>
<th>FY</th>
<th>Dept #</th>
<th>Acctg Unit</th>
<th>Acct #</th>
<th>Sub-Accts and/or Activity #</th>
<th>Unit Price</th>
<th>Extensor</th>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>EA</td>
<td>Renewal-HX 4400 Support Platinum 1Y FireEye</td>
<td>18</td>
<td>1000</td>
<td>1110</td>
<td>53807</td>
<td></td>
<td>4,508.00</td>
<td>4,500</td>
</tr>
<tr>
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<td></td>
<td>Note: This covers the following appliance: HW-4400 HX, S/N: FM1536GA01N</td>
<td></td>
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<tr>
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<td>EA</td>
<td>Renewal-HX 4400D DMZ Support Platinum 1Year FireEye</td>
<td>18</td>
<td>1000</td>
<td>1110</td>
<td>53807</td>
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<td>3,005.00</td>
<td>3,000</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>Note: This covers the following appliance: HW-4400D HX DMZ, S/N: FM1535GB049</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>3</td>
<td>2500</td>
<td>EA</td>
<td>Renewal-DTI HX Endpoint Security 2-way Software 2000-4999 1 Year FireEye</td>
<td>18</td>
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<td>10,500</td>
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<td>4</td>
<td>2500</td>
<td>EA</td>
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<td>18</td>
<td>1000</td>
<td>1110</td>
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<td>3.75</td>
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<tr>
<td>5</td>
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<td>EA</td>
<td>Renewal-Email Threat Prevention Cloud with AV/AS Platinum-4999-1Y</td>
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<td>15.25</td>
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<td>Support through - 12/9/19</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>500</td>
<td>EA</td>
<td>1Y Network Security Enterprise NX Edition, with 2Way and Platinum Support, per Mbps-1Y FireEye</td>
<td>18</td>
<td>1000</td>
<td>1110</td>
<td>53807</td>
<td></td>
<td>38.50</td>
<td>19,250</td>
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<tr>
<td>7</td>
<td>1</td>
<td>EA</td>
<td>Network Security 4500 Perpetual Hardware FireEye</td>
<td>18</td>
<td>1000</td>
<td>1160</td>
<td>54100</td>
<td>1110</td>
<td>17,528.00</td>
<td>17,528</td>
</tr>
</tbody>
</table>

**Requisition Total** $109,916

**Current Support Expires October 8, 2018**

This covers the following appliances:

Header Comments (these comments will appear on the PO20 and PO25 Purchase Order):

Current Support Expires October 8, 2018

This covers the following appliances:

---

Attachment: SWC Purchase Requisition (FireEye) (TE-P-0251-18 : SWC Technology Partners, Inc. for Maintenance on FireEye)
HW-4400 HX, S/N: FM1536GA01N, HW-4400D HX DMZ, S/N: FM1535GB049
Endpoint Security Essentials 2500 Nodes
Email Threat Cloud Prevention 3000 Nodes

Special Instructions/Comments to Buyer or Approver (these comments will NOT appear on the Purchase Order):

User Department Internal Notes (these comments will NOT appear on the Purchase Order):
Decision Memo

Procurement Services Division

This form is required for all Professional Service Contracts over $25,000 and as otherwise required by the Procurement Review Checklist.

Date: Sep 11, 2018

MinuteTraq (IQM2) ID #: 13470

Department Requisition #: __________________

Requesting Department: Information Technology
Contact Email: wendi.wagner@dupageco.org

Department Contact: Wendi Wagner
Contact Phone: 630-407-5064

Vendor Name: SWC Technology Partners
Vendor #: 12529

Action Requested
- Identify the action to be taken and the total cost; for instance, approval of new contract, renew contract, increase contract, etc.

Procurement of maintenance for FireEye software.

Summary Explanation/Background
- Provide an executive summary of the action. Explain why it is necessary and what is to be accomplished.

DuPage County utilizes FireEye to protect the County's network and endpoints against malware attacks. Keeping current maintenance contracts on this software is necessary to receive software updates. Without these updates, the County is vulnerable to cyber security attacks.

Strategic Impact
- Select one of the five strategic imperatives in the County's Strategic Plan this action will most impact and provide a brief explanation.

Customer Service
Protecting the County's network and endpoints against security attacks ensures that staff can always access applications and files.

Source Selection/Vetting Information
- Describe method used to select source.

This pricing is GSA. When FireEye was first purchased, we requested bids from Vendors. It was found that GSA pricing was less than bids that were returned.

Recommendations/Alternatives
- Describe staff recommendation and provide justification. Identify at least 2 other options to accomplish this request.

After discussing with the Chief Procurement Officer, staff recommends utilizing GSA pricing.

Fiscal Impact/Cost Summary
- Include projected cost for each fiscal year, approved budget amount and account number, source of funds, and any future funding requirements along with any narrative.

FY18 - $92,388.00 out of 1000-1110-53807 (Software Maintenance)
FY18 - $17,528.00 out of 1000-1160-52100-1110 (Small Value Capital)

Attachment: SWC Decision Memo (FireEye) (TE-P-0251-18 : SWC Technology Partners, Inc. for Maintenance on FireEye)
**Quotation (Open)**

**Date**  
Aug 22, 2018 09:28 AM CDT

**Modified Date**  
Aug 22, 2018 11:26 AM CDT

**Doc #**  
554605 - rev 1 of 1

**Description**  
FireEye Support Renewal, exp 10/8/18

**Customer Contact**  
Wagner, Wendi  
(P) 630-407-5064  
wendi.wagner@dupageco.org

<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
<th>Qty</th>
<th>Unit Price</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Renewal-HX 4400 Support Platinum 1Y FireEye</td>
<td>1</td>
<td>$4,508.00</td>
<td>$4,508.00</td>
</tr>
<tr>
<td></td>
<td>Note: This covers the following appliance: HW-4400 HX, S/N: FM1536GA01N,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Renewal-HX 4400D DMZ Support Platinum 1Year FireEye</td>
<td>1</td>
<td>$3,005.00</td>
<td>$3,005.00</td>
</tr>
<tr>
<td></td>
<td>Note: This covers the following appliance: HW-4400D HX DMZ, S/N: FM1535GB049</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Renewal-DTI HX Endpoint Security 2-way Software 2000-4999 1 Year FireEye</td>
<td>2500</td>
<td>$4.20</td>
<td>$10,500.00</td>
</tr>
<tr>
<td>4</td>
<td>Renewal-HX Endpoint Security 2000-4999 nodes Support Platinum 1Y FireEye</td>
<td>2500</td>
<td>$3.75</td>
<td>$9,375.00</td>
</tr>
<tr>
<td>5</td>
<td>Renewal-Email Threat Prevention Cloud with AV/AS Platinum-4999-1Y</td>
<td>3000</td>
<td>$15.25</td>
<td>$45,750.00</td>
</tr>
<tr>
<td></td>
<td>Note: This was purchased last December</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Support dates include 12/10/18 - 12/9/19</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| 6 | **New Equipment: One year's support from delivery date & will be co-termed next year**  
   1Y Network Security Enterprise NX Edition, with 2Way and Platinum Support, per Mbps-1Y FireEye | 500 | $38.50     | $19,250.00 |
| 7 | Network Security 4500 Perpetual Hardware FireEye                             | 1   | $17,528.00 | $17,528.00 |
*Quote includes GSA Schedule 70 pricing*
Current Support Expires October 8, 2018

Subtotal: $109,916.00
Tax (0.000%): $0.00
Shipping: $0.00
Total: $109,916.00

All prices are subject to change without notice. Supply subject to availability.
Shipping costs are estimates and could vary.
The DuPage County Procurement Ordinance requires the following written disclosures prior to award:

1. Every contractor, union, or vendor that is seeking or has previously obtained a contract, change orders to one (1) or more contracts, or two (2) or more individual contracts with the county resulting in an aggregate amount at or in excess of $25,000, shall provide to Procurement Services Division a written disclosure of all political campaign contributions made by such contractor, union, or vendor within the current and previous calendar years to any incumbent county board member, county board chair or countywide elected official whose office the contract to be awarded will benefit. The contractor, union or vendor shall update such disclosure annually during the term of a multi-year contract and prior to any change order or renewal requiring approval by the county board. For purposes of this disclosure requirement, "contractor or vendor" includes owners, officers, managers, lobbyists, agents, consultants, bond counsel and underwriters counsel, subcontractors and corporate entities under the control of the contracting person, and political action committees to which the contracting person has made contributions.

☐ NONE (check here) - If no contributions have been made

<table>
<thead>
<tr>
<th>Recipient</th>
<th>Donor</th>
<th>Description (e.g. cash, type of item, in-kind services, etc.)</th>
<th>Amount/Value</th>
<th>Date Made</th>
</tr>
</thead>
</table>

2. All contractors and vendors who have obtained or are seeking contracts with the county shall disclose the names and contact information of their lobbyists, agents and representatives and all individuals who are or will be having contact with county officers or employees in relation to the contractor bid and shall update such disclosure with any changes that may occur.

☐ NONE (check here) - If no contacts have been made

<table>
<thead>
<tr>
<th>Lobbyists, Agents and Representatives and all individuals who are or will be having contact with county officers or employees in relation to the contract or bid</th>
<th>Telephone</th>
<th>Email</th>
</tr>
</thead>
</table>

A contractor or vendor that knowingly violates these disclosure requirements is subject to penalties which may include, but are not limited to, the immediate cancellation of the contract and possible disbarment from future county contracts.

Continuing disclosure is required, and I agree to update this disclosure form as follows:
- If information changes, within five (5) days of change, or prior to county action, whichever is sooner
- 30 days prior to the optional renewal of any contract
- Annual disclosure for multi-year contracts on the anniversary of said contract
- With any request for change order except those issued by the county for administrative adjustments

The full text for the county’s ethics and procurement policies and ordinances are available at:
http://www.dupageco.org/CountyBoard/Policies/

I hereby acknowledge that I have received, have read, and understand these requirements.

Authorized Signature

Signature on file

Printed Name

Title

Date

7/2/18

Attach additional sheets if necessary. Sign each sheet and number each page. Page 1 of 1 (total number of pages)
Requisition under 25k dollars

2018-232
**PROCUREMENT REVIEW CHECKLIST**

**REQUISITION**

This form must accompany all County Purchase Requisitions.

<table>
<thead>
<tr>
<th>DATE SUBMITTED</th>
<th>CONTRACT TERM</th>
<th>CONTRACT TOTAL AMOUNT</th>
<th>REQUESTING DEPT.</th>
<th>SOLICITATION METHOD FOR SOURCE SELECTION</th>
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<tbody>
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<td>September 12, 2018</td>
<td>09/26/18 - 11/30/18</td>
<td>$13,600.00</td>
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<td>Completed 09/12/2018 2:44 PM</td>
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<td>Completed 09/12/2018 3:04 PM</td>
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<td>Completed 09/13/2018 10:52 AM</td>
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<td>Completed 09/13/2018 4:15 PM</td>
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<td>Technology Committee</td>
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<td></td>
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<td>Pending 09/25/2018 9:00 AM</td>
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</tbody>
</table>
**Procurement Review Checklist**

**Procurement Services Division**

This form must accompany all Purchase Order Requisitions. Attach Required Vendor Ethics Disclosure Statement.

<table>
<thead>
<tr>
<th>Vendor: Workforce Fusion LLC</th>
<th>Vendor #: 27424</th>
<th><strong>Contract Term:</strong> 9/26/18 - 11/30/18</th>
<th><strong>Contract Total:</strong> $13,600.00</th>
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</thead>
<tbody>
<tr>
<td>Dept: IT</td>
<td><strong>Contact:</strong> Sandy Modesitt</td>
<td><strong>Phone:</strong> 630-407-5051</td>
<td><strong>Assigned Committee:</strong> Technology</td>
</tr>
</tbody>
</table>

**Description of Procurement/Scope of Work/Background:**
Contract with Workforce Fusion to rewrite the person import for the Care Center Kronos implementation.

**Reason for Procurement:**
The person import used by Kronos currently uses a hybrid of old and new interface types. It is very labor intensive to modify and support and results in some issues requiring manual intervention by IT staff to troubleshoot and rerun. By rewriting the interface to use only the new technology, it will work more reliably and be easier to change and support.

**FUNDING SOURCE**

- [x] Procurement budgeted for (FY and budget code(s)): FY18 - 1000-1110-53020
- [ ] Budget Transfer (Date) _______________
- [ ] Add'l Information

**DECISION MEMO NOT REQUIRED**

- [ ] LOWEST RESPONSIBLE QUOTE # or BID # ________________________ (QUOTE < $25,000, BID ≥ $25,000; attach Tabulation)
- [ ] RENEWAL, Enter Bid # ________________________ [ ] Intergovernmental Agreement
- [ ] SOLE SOURCE per DuPage County Purchasing Ordinance, Article 4-102(5) (attach Sole Source Justification form)
- [x] PER 55 ILCS 5/5-1022 'Competitive Bids' (d) IT/Telecom purchases under $35,000.00     [ ] Public Utility
- [ ] PER 55 ILCS 5/5-1022 'Competitive Bids' (c) not suitable for competitive bidding. Explain below: ________________________

**DECISION MEMO REQUIRED**

- [ ] Cooperative Procurement (DPC4-107) or Government Joint Purchasing Act Procurement (30ILCS525)
- [ ] EXPLANATION OF REQUEST FOR PROPOSAL RFP # ________________________ (Include Evaluation Summary if applicable)
- [ ] RENEWAL OF RFP # ________________________
- [ ] PROFESSIONAL SERVICES EXCLUDED per DuPage Ordinance (4-108) and 50 ILCS 510/2 (Architects, Engineers and Land Surveyors)
- [ ] OTHER PROFESSIONAL SERVICES (detail vetting process on Decision Memo)
- [ ] REQUEST WAIVER OF COUNTY BID RULES (only allowable to Statutory Limits)
- [ ] OTHER THAN LOWEST RESPONSIBLE, BID # ________________________

**PREPARED BY AND APPROVAL(S) (Initials Only)**

<table>
<thead>
<tr>
<th>SIG</th>
<th>Date</th>
<th>Recommended for Approval</th>
<th>Date</th>
<th>IT Approval, if required</th>
<th>Date</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

**REVIEWED BY (Initials Only)**

<table>
<thead>
<tr>
<th>Buyer</th>
<th>Date</th>
<th>Procurement Officer</th>
<th>Date</th>
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<tbody>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Chief Financial Officer (Decision Memos Over $25,000)</th>
<th>Date</th>
<th>Chairman's Office (Decision Memos Over $25,000)</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

**Packet Pg. 40**
**Purchase Requisition**  
**Procurement Services Division**

**Send Purchase Order To:**  
Vendor: Workforce Fusion LLC  
Vendor #: 27474  
Attn: Peter Sperlongano  
Email: peter.sperlongano@wffusion.com  
Address: 208 N Columbus Ave  
City: Mt Vernon  
State: NY  
Zip: 10552  
Phone: 914-882-6426  
Fax: 877-536-0039

**Send Invoices To:**  
Vendor: Workforce Fusion LLC  
Vendor #: 27474  
Attn: Sarah Godzicki  
Email: Sarah.Godzicki@dupageco.org  
Address: 208 N Columbus Ave  
City: Mt Vernon  
State: NY  
Zip: 10552  
Phone: 914-882-6426  
Fax: 877-536-0039

**Send Payments To:**  
Vendor: Workforce Fusion LLC  
Vendor #: 27474  
Attn: Peter Sperlongano  
Email: peter.sperlongano@wffusion.com  
Address: 208 N Columbus Ave  
City: Mt Vernon  
State: NY  
Zip: 10552  
Phone: 914-882-6426  
Fax: 877-536-0039

**Ship To:**  
Vendor: Workforce Fusion LLC  
Vendor #: 27474  
Attn: Donald Carlsen  
Email: Donald.Carlsen@dupageco.org  
Address: 208 N Columbus Ave  
City: Mt Vernon  
State: NY  
Zip: 10552  
Phone: 914-882-6426  
Fax: 877-536-0039

<table>
<thead>
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<th>Qty</th>
<th>UOM</th>
<th>Item Detail (Product #)</th>
<th>Description</th>
<th>FY</th>
<th>Dept #</th>
<th>Acctg Unit</th>
<th>Acct #</th>
<th>Sub-Accts and/or Activity #</th>
<th>Unit Price</th>
<th>Extension</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>EA</td>
<td>Consulting for Kronos</td>
<td>consulting services</td>
<td>18</td>
<td>1000</td>
<td>1110</td>
<td>53020</td>
<td></td>
<td>13,600.00</td>
<td>13,600.00</td>
</tr>
</tbody>
</table>

**Requisition Total**: $13,600.00

**Header Comments** (these comments will appear on the PO20 and PO25 Purchase Order):

**Special Instructions/Comments to Buyer or Approver** (these comments will NOT appear on the Purchase Order):

**User Department Internal Notes** (these comments will NOT appear on the Purchase Order):
**Decision Memo**

**Procurement Services Division**

This form is required for all Professional Service Contracts over $25,000 and as otherwise required by the Procurement Review Checklist.

<table>
<thead>
<tr>
<th>Requesting Department: IT</th>
<th>Department Contact: Sandy Modesitt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Email: <a href="mailto:sandy.modesitt@dupageco.org">sandy.modesitt@dupageco.org</a></td>
<td>Contact Phone: 630-407-5051</td>
</tr>
<tr>
<td>Vendor Name: Workforce Fusion LLC</td>
<td>Vendor #: 27474</td>
</tr>
</tbody>
</table>

**Date:** Sep 12, 2018

**MinuteTraq (IQM2) ID #:** 13475

**Department Requisition #:**

---

**Action Requested** - Identify the action to be taken and the total cost; for instance, approval of new contract, renew contract, increase contract, etc.

Contract with WorkforceFusion to rewrite the person import for the Care Center Kronos implementation.

**Summary Explanation/Background** - Provide an executive summary of the action. Explain why it is necessary and what is to be accomplished.

The person import used by Kronos currently uses a hybrid of old and new interface types. It is very labor intensive to modify and support and results in some issues requiring manual intervention by IT staff to troubleshoot and rerun. By rewriting the interface to use only the new technology, it will work more reliably and be easier to change and support.

**Strategic Impact**

Select one of the five strategic imperatives in the County’s Strategic Plan this action will most impact and provide a brief explanation.

This project will allow IT to more easily support the Care Center’s needs in the future.

**Source Selection/Vetting Information** - Describe method used to select source.

WorkforceFusion completed the upgrade of Kronos to the latest version and is in the process of implementing the nursing scheduler module. As such, they are familiar with the Care Center Kronos environment, allowing them to complete this work more efficiently.

**Recommendations/Alternatives** - Describe staff recommendation and provide justification. Identify at least 2 other options to accomplish this request.

Staff recommends contracting with WorkforceFusion to complete this rewrite work.

**Fiscal Impact/Cost Summary** - Include projected cost for each fiscal year, approved budget amount and account number, source of funds, and any future funding requirements along with any narrative.

The implementation costs are $13,600. No future costs to be incurred.
EXHIBIT A-1
Work Order

This Work Order is being entered into pursuant to the terms and conditions of the certain Master Service Agreement, with an Effective Date of 20th day of August 2018 between WORKFORCE FUSION, LLC (“Workforce”) and DUPAGE COUNTY, STATE OF ILLINOIS (“Client”).

I. TERM

This Work Order shall commence on 26th day of September 2018 and shall continue until 30th Day of November 2018 unless earlier terminated as provided in the Master Service Agreement.

II. SCOPE OF WORK

Workforce shall render the following Services:

2.1 Interface Consolidation Effort

Currently, the DuPage Care Center Person Import uses a hybrid of the Kronos old and new interface types. Although it can work in this configuration, it is more labor intensive to change and support. Troubleshooting or rerunning the interface involves additional steps and consideration. Also, the approach can be error-prone with inconsistent data processing with workarounds such as clearing import data for the Import Table portion of the interface. To ensure good data, County IT staff manually verifies that the Person Import tasks run successfully and manually performs the steps when errors occur. By rewriting the Person Import interface to consolidate any Table Import data into the recommended API WIM interface for all fields, it will be more reliable, easier to change and less steps when troubleshooting. Additionally, workflow notifications can be set up to notify upon the Person Import Run and/or only if errors occur if that option is chosen which could be part of this effort.

- Person Import – Consolidate Table Import Portion of Interface with API
  - Review current interface and associated links and add any additional fields needed for advanced scheduler, accruals, leave, attendance etc.;
  - Create design document;
  - Update and finalize test plan where Workforce will unit test with Client personnel, if requested by Client;
  - Provide the unit test plan to Client and assist with user acceptance testing for final approval prior to production migration;
  - Assist Client by providing knowledge transfer on best practices to check only the Transaction Assistant to identify and EE’s that are rejected and next steps of how to address those rejections; and
Create migration plan for Client to review and approve and migrate changes to production environment with approved migration plan.

III. COMPENSATION

For the Services listed in Sections 2.1 through 2.7 Workforce will bill at the rate of $165 per hour for the Services rendered by an Application Consultant and at the rate of $175 per hour for a Subject Matter Expert and Interface Consultant. The total amount of compensation shall not to exceed $13,600.00 for 80 hours of billable work using an average rate of $170.00.

The Services described above may not be completed in entirety and additional billable hours may have to be authorized by the Client after the additional 80 hours are billed. The 80 hours are an estimate and the Services may require lower or higher than 80 hours of work before they can be completed.
IN WITNESS WHEREOF, the parties have executed this Work Order as of the Effective Date.

CLIENT: DUPAGE COUNTY, ILLINOIS

By: ________________________________
   (signature)

Its: ________________________________
    (print name and title)

WORKFORCE FUSION, LLC

By: ________________________________
   (signature)

Its: ________________________________
    (print name and title)
Required Vendor Ethics Disclosure Statement
Failure to complete and return this form may result in delay or cancellation of the County's Contractual Obligation.

Date: 9/11/18

Packet Pg. 46

6.D.e

Company Name: Workforce Fusion LLC
Contact Phone: 914 699-5985
Company Contact: Peter Sperlongano
Contact Email: p sperlo@live.com

The DuPage County Procurement Ordinance requires the following written disclosures prior to award:

1. Every contractor, union, or vendor that is seeking or has previously obtained a contract, change orders to one (1) or more contracts, or two (2) or more individual contracts with the county resulting in an aggregate amount at or in excess of $25,000, shall provide to Procurement Services Division a written disclosure of all political campaign contributions made by such contractor, union, or vendor within the current and previous calendar year to any incumbent county board member, county board chairman, or countywide elected official whose office the contract to be awarded will benefit. The contractor, union or vendor shall update such disclosure annually during the term of a multi-year contract and prior to any change order or renewal requiring approval by the county board. For purposes of this disclosure requirement, "contractor or vendor" includes owners, officers, managers, lobbyists, agents, consultants, bond counsel and underwriters counsel, subcontractors and corporate entities under the control of the contracting person, and political action committees to which the contracting person has made contributions.

- NONE (check here) - If no contributions have been made

<table>
<thead>
<tr>
<th>Recipient</th>
<th>Donor</th>
<th>Description (e.g. cash, type of item, in-kind services, etc.)</th>
<th>Amount/Value</th>
<th>Date Made</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

2. All contractors and vendors who have obtained or are seeking contracts with the county shall disclose the names and contact information of their lobbyists, agents and representatives and all individuals who are or will be having contact with county officers or employees in relation to the contractor bid and shall update such disclosure with any changes that may occur.

- NONE (check here) - If no contacts have been made

<table>
<thead>
<tr>
<th>Lobbyists, Agents and Representatives and all individuals who are or will be having contact with county officers or employees in relation to the contract or bid</th>
<th>Telephone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

A contractor or vendor that knowingly violates these disclosure requirements is subject to penalties which may include, but are not limited to, the immediate cancellation of the contract and possible disbarment from future county contracts.

Continuing disclosure is required, and I agree to update this disclosure form as follows:
- If information changes, within five (5) days of change, or prior to county action, whichever is sooner
- 30 days prior to the optional renewal of any contract
- Annual disclosure for multi-year contracts on the anniversary of said contract
- With any request for change order except those issued by the county for administrative adjustments

The full text for the county's ethics and procurement policies and ordinances are available at:
http://www.dupageco.org/COUNTYBOARD/Policies/

I hereby acknowledge that I have received, have read, and understand these requirements.

Authorized Signature

Signature on File

Printed Name
Peter Sperlongano

Title
CEO

Date
September 11, 2018

Attach additional sheets if necessary. Sign each sheet and number each page. Page _______ of _______ (total number of pages)
Approval is requested to have the Chief Information Officer attend the 2018 Illinois Digital Government Summit in Springfield, Illinois from October 10, 2018 through October 12, 2018, for an approximate cost of $500.00.

<table>
<thead>
<tr>
<th>Name: [Redacted]</th>
<th>Title: Chief Information Officer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department: Information Systems</td>
<td></td>
</tr>
<tr>
<td>Request Date: 09/18/2018</td>
<td>Account Code: 1000-1110-53500, 53510</td>
</tr>
<tr>
<td>Purpose of Trip: (explain fully the necessity of making the trip)</td>
<td></td>
</tr>
<tr>
<td>To attend the annual Illinois Digital Government Summit for IT Professionals in Government.</td>
<td></td>
</tr>
<tr>
<td>Destination: Springfield, IL</td>
<td></td>
</tr>
<tr>
<td>Date of Departure: 10/10/18</td>
<td>Date of Return Arrival: 10/12/18</td>
</tr>
<tr>
<td>(Please include a detailed explanation if different from official business dates)</td>
<td></td>
</tr>
<tr>
<td>Need to leave the day before in order to attend Advisory Board appreciation breakfast event.</td>
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**Please indicate the estimated amount for each applicable expense.**

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<th>Expense</th>
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<tr>
<td>Registration</td>
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<td>Transportation</td>
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<td>Lodging</td>
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<td>Rental Car</td>
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<td>Reference Materials</td>
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<td>Meals: (Per Diems)</td>
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<tr>
<td>Total</td>
<td>$ 500.00</td>
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**Reviewed by and Date Approved**

<table>
<thead>
<tr>
<th>Reviewed by</th>
<th>Date Approved</th>
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<tbody>
<tr>
<td>Sarah Godzicki</td>
<td>Completed 09/18/2018 11:13 AM</td>
</tr>
<tr>
<td>Deborah Hanson</td>
<td>Completed 09/18/2018 1:50 PM</td>
</tr>
<tr>
<td>Donald Carlsen</td>
<td>Completed 09/18/2018 4:10 PM</td>
</tr>
<tr>
<td>Technology Committee</td>
<td>Pending 09/25/2018 9:00 AM</td>
</tr>
<tr>
<td>County Board</td>
<td>Pending 09/25/2018 10:00 AM</td>
</tr>
</tbody>
</table>
Thursday, October 11

8:00 am
Registration and Morning Refreshments

9:00 am
Opening Remarks
Kirk Lonbom, Chief Information Officer, State of Illinois

9:15 am
Keynote – In the Arena
Clay Jenkinson, Writer, Historical Performer and Theodore Roosevelt Humanities Scholar

Theodore Roosevelt’s “In the Arena” is one of the most stirring presidential quotes of all time, and it serves as the keynote theme for this year’s conference. Roosevelt was an American statesman, author, explorer, soldier, naturalist, and reformer who served as the 26th President of the United States from 1901 to 1909. Widely regarded as the most dynamic president in history, his life story is nothing short of remarkable. Born frail and sickly, Roosevelt transformed himself into a rugged man of adventure by sheer force of will. He was also a serious intellectual who frequently read a book a day and authored 35 books and 150,000 letters. He was arguably the best prepared president in American history. But few realize that he was also the first “high-tech” president as he brought the
American people, sometimes kicking and screaming, into the twentieth century. Clay Jenkinson brings “Teddy” to life with such authenticity that viewers may forget that he is not actually standing in front of them. The audience will have the opportunity to ask Mr. Roosevelt questions on any subject, an experience that gives a new appreciation of history and a president who was truly larger than life. Prepare to be inspired!

10:15 am
Networking Break

10:45 am
Concurrent Sessions

Smarter Illinois

Illinois is actively engaged in the goal of becoming the first “smart state” in the nation, and there’s nothing smarter than sharing ideas and inspiration with all levels of government. Great strides have been made with exciting projects in motion and much more on the horizon. In this session we will get the inside scoop on what it means to be a smart community and real-world implementation planning tips.

Nick Cosentino, Special Projects Manager, Department of Innovation & Technology, State of Illinois

Kevin O'Toole, ERP/Smart State Director, Department of Innovation & Technology, State of Illinois

Making Sense of Your Data
Government by nature is in the data collection business, and there is no shortage of information from which to extract valuable insights. The challenge is to reinvent how to leverage the vast amounts of information to get real results. Emerging next-generation tools include predictive analytics, big data analytics, data visualization, cognitive technology and more. This session explores better ways to tap your data to drive smarter decisions, faster responses and better service.

Debra Jenson, Title- Director, IBM Digital Technical Engagement, IBM Hybrid Cloud, IBM

**DoIT is Here to Stay!**

Established in 2016 by executive order, The Illinois Department of Innovation and Technology was recently named a permanent state agency. DoIT’s mission is to deliver high-value technology to client agencies, fostering collaboration and empowering employees to provide better services to citizens. Now is the perfect time to hear about this young organization’s journey and learn how state agencies and municipalities can take full advantage of its services.

**Geospatial, Geovisual and Geofantastic!**

Seeing is believing. That’s why visualization technologies – particularly geospatial tools – are indispensable components of government services. Leveraging these technologies opens the door to better planning, decision-making, economic development, citizen
services and public safety. This session discusses the latest strategies and golden opportunities for all levels of government.

David Peters, Director, McLean County GIS Consortium, McLean County

Crystal Williams, GIS Specialist, McLean County

12:00 pm
Lunch

1:00 pm
General Session – Building the Next Generation of Government

It’s a highly interactive and fast-paced society, and people are getting more demanding about, well, everything. With citizens accustomed to the Amazons and Googles of the world, the pressure is mounting in government services, too. Our challenge right now is to make “citizen-centric” more than just a buzzword. This session takes a look at creative strategies to remake government’s relationship with its customers – and employees – into something more stimulating and productive.

Tasker Generes, Chief Strategist, IoT, ServiceNow

2:00 pm
Networking Break

2:30 pm
Concurrent Sessions

Blockchain and You
If blockchain is poised to make deep inroads into private industry, it stands to reason that government is next. In fact, this is one area in which government might end up taking the lead – and Illinois is doing just that. Potential uses include identity management, licensing, financial services, contract management, electronic voting and more. There is a lot to like! This session explores why blockchain is particularly suited to government applications.

Sean O'Kelly, Chief Information Officer, Department of Financial and Professional Regulation, State of Illinois

Regional Approach to Security

There is no hotter topic right now than cybersecurity. And it goes without saying that no state agency, county or municipality should stand alone in cyber conflicts. There is strength in numbers. This session provides an open dialogue on what can be done within this region to collectively win the tough security battles that loom over us every day.

Alex Anglin, Principal Industry Consultant, Cybersecurity, SAS Cyber Security, SAS Institute (@alexanglin)

James O'Dell, Senior Cybersecurity Strategist, Federal, State and Local Government/Education, Cyber Security, AT&T

Rahul K Patel, PhD, Elections Information Security Officer, Office of Cook County Clerk and Board of Election Commissioners, City of Chicago

Resource Sharing Successes
Pressure is intensifying on government organizations to share data, apps and even human resources with other agencies and jurisdictions. The challenge isn’t always easy, but traditional barriers are breaking down and opportunities have never been greater. This session offers insights on collaborative strategies, opportunities, lessons learned and potential quick wins. In other words, how to do more with less – and faster!

Roger Fahnestock, Chief Information Officer, Kane County

Terance Henry, Information Technology Director, City of Marion, State of Illinois

**Sponsor Briefing**

(Industry sponsors only) Hosted by State CIO Calvin Rhodes.

3:45 pm

**Networking Reception**

Network with your colleagues and discuss technology solutions with the event exhibitors.

Friday, October 12

8:00 am

**Registration and Morning Refreshments**

9:00 am

**Featured Speaker – Innovation Imperatives for IT Leaders**
Christina “CK” Kerley, Futurist and Strategist

Yesterday was about billions of smartphones – but tomorrow belongs to the trillions of smart things digitizing the physical world. The AI Arms Race is officially on, and IT leaders must turn their operations into “real-time, know-it-all organizations” just to keep pace. As headlines of job-killing robots rise, the real story escapes our view: Automations are not taking our jobs away, it’s giving us back our time. Freed from administrative tasks, these “CoBots” will let employees focus on creating new forms of value. And as this era of record-setting advancements unfolds, the most critical success factor won’t be technological: it will be uniquely human. A Reskilling Revolution – unrivaled in size, scope, and scale – will ensure the future prosperity of our citizens, and the economic supremacy of our country. In this session futurist and professor Christina “CK” Kerley highlights the innovation imperatives that belong on your radar, in your plans, and at the forefront of your IT goals in the years ahead.

10:00 am
Networking Break

10:30 am
Fast Track Sessions

FirstNet and Next-Gen Communications

The establishment of FirstNet is a critical step in reaching the national goal of interoperable communications for first responders. FirstNet provides a nationwide broadband network to
carry public safety data and voice communications. Roadblocks and legal hurdles were cleared and a nation-wide rollout is underway, which will only accelerate with the advent of 5G. This session provides an update on where things currently stand and what we can expect to see in the future – and when.


Driverless Cars and Our Future

 Autonomous vehicles are not just a fascinating – and controversial – topic of discussion but they offer a thought-provoking exercise in visualizing the potential ramifications of highly disruptive technologies. The impact of driverless cars will be revolutionary on our culture, economy, legal system, highway system, safety, commuting and more. This session takes a look at what is happening in The Prairie State and what we can look forward to.

Matt McAnarney, Project Manager, Connected and Automated Vehicles, Department of Transportation, State of Illinois

Optimizing the Workforce and Workplace of Tomorrow

 For years, government has widely reported the onset of the "silver tsunami." The looming retirement wave is driving the need to accelerate innovative recruitment and retention practices in government at all levels, particularly in IT. Questions about mobility,
flexibility, collaboration tools and collaborative spaces are becoming common during the interview process. Yet government is not always prepared to offer competitive answers in today’s legacy environment. This session offers a look at what some innovative organizations are doing to scrap outmoded practices, address modernization and embrace new paradigms.

12:00 pm
End of Conference

Conference times, agenda, and speakers are subject to change.