Amendment No. 5
to
Contract No. 5600 NC170000020
For
Cisco SmartNet Hardware/Software Maintenance
between
CDW, LLC dba CDW Government, LLC dba CDWG
and the
City of Austin

1.0 The Contract is hereby amended as follows:

The Total Contract Amount is hereby increased to $6,759,404.18. This is an increase of $2,500,000.

2.0 The total contract authorization is recapped below:

Action	Action Amount	Total Contract Amount
Initial Term: 03/02/2017 – 03/01/2018	$1,318,016.00	$1,318,016.00
Amendment No. 1: Vendor Name Change to CDW, LLC dba CDW Government, LLC dba CDWG	$0.00	$1,318,016.00
Amendment No. 2: Option 1 – Extension 03/02/2018 – 03/01/2019	$1,318,016.00	$2,636,032.00
Amendment No. 3: Amend Options 06/22/2018	$458,034.27	$3,094,066.27
Amendment No. 4: Option 2 – Extension 03/02/2019 – 03/01/2020	$1,165,337.91	$4,259,404.18
Amendment No. 5: Increase to Total Contract Amount	$2,500,000.00	$6,759,404.18

3.0 MBE/WBE goals do not apply to this contract.

4.0 By signing this Amendment the Contractor certifies that the vendor and its principals are not currently suspended or debarred from doing business with the Federal Government, as indicated by the GSA List of Parties Excluded from Federal Procurement and Non-Procurement Programs, the State of Texas, or the City of Austin.

5.0 All other terms and conditions remain the same.

BY THE SIGNATURES affixed below, this amendment is hereby incorporated into and made a part of the above-referenced contract.

Sign/Date: 3/14/2019

Printed Name: Dario J. Bertocchi
Authorized Representative Director, Program Sales

CDW LLC
230 N. Milwaukee Ave.
Vernon Hills, IL 60061-9740

Sign/Date:

Printed Name: James T. Howard
Authorized Representative

City of Austin
Purchasing Office
124 W. 8th Street, Ste. 310
Austin, Texas 78701

jb

Amendment No. 4
to
Contract No. 5600 NC170000020
For
Cisco SmartNet Hardware/Software Maintenance
(23530-Leslye Conoley CTM)
between
CDW , LLC dba CDW Government, LLC dba CDWG
and the
City of Austin

2/12

1.0 The City hereby exercises this extension option for the subject contract. This extension option will be March 02, 2019 through March 01, 2020. Two (2) options remain.

2.0 The total contract amount is increased by $1,318,016.00 by this extension period. The total contract authorization is recapped below:

Action	Action Amount	Total Contract Amount
Initial Term: 03/02/2017 – 03/01/2018	$1,318,016.00	$1,318,016.00
Amendment No. 1: Vendor Name Change to CDW, LLC dba CDW Government, LLC dba CDWG	$0.00	$1,318,016.00
Amendment No. 2: Option 1 – Extension 03/02/2018 – 03/01/2019	$1,318,016.00	$2,636,032.00
Amendment No. 3: Amend Options 06/22/2018	$458,034.27	$3,094,066.27
Amendment No. 4: Option 2 – Extension 03/02/2018 – 03/01/2019	$1,165,337.91	$4,259,404.18

3.0 MBE/WBE goals do not apply to this contract.

4.0 By signing this Amendment the Contractor certifies that the vendor and its principals are not currently suspended or debarred from doing business with the Federal Government, as indicated by the GSA List of Parties Excluded from Federal Procurement and Non-Procurement Programs, the State of Texas, or the City of Austin.

5.0 All other terms and conditions remain the same.

BY THE SIGNATURES affixed below, this amendment is hereby incorporated into and made a part of the above-referenced contract.

Sign/Date: 02/12/2019

Printed Name: Mark A. Ellis
Authorized Representative

CDW LLC
230 N. Milwaukee Ave.
Vernon Hills, IL 60061-9740

Sign/Date:

Printed Name: JAMES T. HUNT
Authorized Representative

City of Austin
Purchasing Office
124 W. 8th Street, Ste. 310
Austin, Texas 78701

jb

Amendment No. 3
to
Contract No. 5600 NC170000020
for
Cisco SmartNet Hardware/Software Maintenance
between
CDW, LLC dba CDW Government, LLC dba CDWG (Contractor)
and the
City of Austin

1.0 The Contract is hereby amended as follows:

Extension Options Nos. 2, 3 & 4 are hereby reduced to $1,165,337.91 for each extension option. This is a decrease of $152,678.09 per extension option for a total of $458,034.27.

The amount of $458,034.27 is added to the current year.

This Amendment No. 3 replaces and rescinds the amendment signed on May 29, 2018.

2.0 The total Contract amount is increased by $1,318,016.00 by this extension period. The total contract authorization is recapped below:

Action	Action Amount	Total Contract Amount
Initial Term: 03/02/2017 – 03/01/2018	$1,318,016.00	$1,318,016.00
Amendment No. 1: Vendor Name Change to CDW, LLC dba CDW Government, LLC dba CDWG	$0.00	$1,318,016.00
Amendment No. 2: Option 1 – Extension 03/02/2018 – 03/01/2019	$1,318,016.00	$2,636,032.00
Amendment No. 3: Amend options 06/22/2018	$458,034.27	$3,094,066.27

3.0 MBE/WBE goals were not established for this contract.

4.0 By signing this amendment the Contractor certifies that the Contractor and its principals are not currently suspended or debarred from doing business with the Federal Government, as indicated by the General Services Administration (GSA) List of Parties Excluded from Federal Procurement and Non-Procurement Programs, the State of Texas or the City of Austin.

5.0 All other terms and conditions remain the same.

By the signature affixed below, this amendment is hereby incorporated into and made a part of the above referenced contract.

Authorized Representative:

Contractor Signature: _____

Printed Name: Mark A. Ellis – Mgr, Program Management

Date: 07/02/2018

CDW LLC
230 N. Milwaukee Ave.
Vernon Hills, IL 60061-9740

Signature: _____
City of Austin Purchasing Office

Printed Name: Jim Howard

Date: 07/02/18

City of Austin
124 W. 8th St., Ste. 310
Austin, TX 78701

Amendment No. 3
to
Contract No. 5600 NC170000020
for
Cisco SmartNet Hardware/Software Maintenance
(23520-Leslye Conoley CTM)
between
CDW, LLC dba CDW Government, LLC dba CDWG (Contractor)
and the
City of Austin

1.0 The City hereby exercises this extension option for the subject contract. This extension option will be June 1, 2018 through May 31, 2019. Two (2) more options remain.

2.0 The total Contract amount is increased by $1,318,016.00 by this extension period. The total contract authorization is recapped below:

Action	Action Amount	Total Contract Amount
Initial Term: 03/02/2017 – 03/01/2018	$1,318,016.00	$1,318,016.00
Amendment No. 1: Vendor Name Change to CDW, LLC dba CDW Government, LLC dba CDWG	$0.00	$1,318,016.00
Amendment No. 2: Option 1 – Extension 03/02/2018 – 03/01/2019	1,318,016.00	$2,636,032.00
Amendment No. 3: Option 2 – Extension 06/01/2018 – 05/31/2019	1,318,016.00	$3,954,048.00

3.0 MBE/WBE goals were not established for this contract.

4.0 By signing this amendment the Contractor certifies that the Contractor and its principals are not currently suspended or debarred from doing business with the Federal Government, as indicated by the General Services Administration (GSA) List of Parties Excluded from Federal Procurement and Non-Procurement Programs, the State of Texas or the City of Austin.

5.0 All other terms and conditions remain the same.

By the signature affixed below, this amendment is hereby incorporated into and made a part of the above referenced contract.

Authorized Representative:

Contractor Signature: _____

Printed Name: Mark A. Ellis - Manager, Program Mgmt.

Date: 05/29/2018

CDW LLC
230 N. Milwaukee Ave.
Vernon Hills, IL 60061-9740

Signature: _____
City of Austin Purchasing Office

Printed Name: JAMES T. HOWARD

Date: 5/29/19

City of Austin
124 W. 8th St., Ste. 310
Austin, TX 78701

Amendment No. 2
to
Contract No. 5600 NC170000020
For
Cisco SmartNet Hardware/Software Maintenance
(23530-Leslye Conoley CTM)
between
CDW , LLC dba CDW Government, LLC dba CDWG
and the
City of Austin

1.0 The City hereby exercises this extension option for the subject contract. This extension option will be March 02, 2018 through March 01, 2019. Three (3) more options will remain.

2.0 The total contract amount is increased by $1,318,016.00 by this extension period. The total contract authorization is recapped below:

Action	Action Amount	Total Contract Amount
Initial Term: 03/02/2017 – 03/01/2018	$1,318,016.00	$1,318,016.00
Amendment No. 1: Vendor Name Change to CDW, LLC dba CDW Government, LLC dba CDWG	$0.00	$1,318,016.00
Amendment No. 2: Option 1 – Extension 03/02/2018 – 03/01/2019	$1,318,016.00	$2,636,032.00

3.0 MBE/WBE goals do not apply to this contract.

4.0 By signing this Amendment the Contractor certifies that the vendor and its principals are not currently suspended or debarred from doing business with the Federal Government, as indicated by the GSA List of Parties Excluded from Federal Procurement and Non-Procurement Programs, the State of Texas, or the City of Austin.

5.0 All other terms and conditions remain the same.

BY THE SIGNATURES affixed below, this amendment is hereby incorporated into and made a part of the above-referenced contract.

Sign/Date: 03/22/2018

Printed Name: Mark A. Ellis
Authorized Representative

CDW LLC
230 N. Milwaukee Ave.
Vernon Hills, IL 60061-9740

Sign/Date:

Printed Name: James T. Howard
Authorized Representative

City of Austin
Purchasing Office
124 W. 8th Street, Ste. 310
Austin, Texas 78701

jb

Amendment No. 1
to
Contract No. NC170000020
for
Cisco SmartNet Hardware/Software Maintenance
(23530-Leslye Conoley CTM)
Between
CDW Government, Inc.
dba CDW Government
and the
City of Austin

1.0 The Contract is hereby amended as follows: Change the vendor information as requested and documented by the vendor.

	From	To
Vendor Name	CDW Government, Inc. dba CDW Government	CDW, LLC dba CDW Government, LLC dba CDWG
Vendor Code	CDW7127170	CDW7127170
FEIN	[redacted]	[redacted]

2.0 All other terms and conditions of the Contract remain unchanged and in full force and effect.

BY THE SIGNATURE affixed below, this Amendment No. 1 is hereby incorporated into and made a part of the Contract.

Lynell Goodin-Brown

Lynell Goodin-Brown
Contract Compliance Supervisor
City of Austin, Purchasing Office

7-17-14

Date

jb

CONTRACT BETWEEN THE CITY OF AUSTIN ("City")
AND
CDW GOVERNMENT, LLC ("Contractor")
For
Cisco SmartNet Total Care

This Contract is between CDW GOVERNMENT LLC having offices at 230 N. Milwaukee Ave. Vernon Hills, IL 60061 and the City, a home-rule municipality incorporated by the State of Texas. Solicitation requirements are met by using Contractor's Department of Information Resources Contract No. DIR-TSO-2542.

1.1 This Contract is composed of the following documents:

1.1.1 DIR-TSO-2542

1.1.2 This Contract

1.1.3 Exhibit A, Supplemental Terms

1.1.4 Exhibit B, CDW Government LLC Offer and Additional Clarifications on Cisco Credits

1.1.5 Exhibit C, Non-Discrimination Certification

1.1.6 Exhibit D, Non-Suspension or Debarment Certification

1.2 **Order of Precedence.** Any inconsistency or conflict in the Contract documents shall be resolved by giving precedence in the following order:

1.2.1 DIR-TSO-2542

1.2.2 This Contract

1.2.3 Exhibit A

1.2.4 Exhibit B

1.3 **Quantity.** Quantity of goods or services as described in Exhibit B.

1.4 Term of Contract.

The Contract shall be in effect for an initial term of 12 months and may be extended thereafter for up to 4 additional 12 month extension option(s), subject to the extension of the cooperative contract (as referenced in Section 1.1.1 above), approval of the Contractor and the City Purchasing Officer or his designee.

1.5 **Compensation.** The Contractor shall be paid a total Not-to-Exceed amount of $1,318,016.00 for the initial Contract term and $1,318,016.00 for each extension option for a total amount Not-to-Exceed $6,590,080.00.

This Contract (including any Exhibits) constitutes the entire agreement of the parties regarding the subject matter of this Contract and supersedes all prior and contemporaneous agreements and understandings, whether written or oral, relating to such subject matter. This Contract may be altered, amended, or modified only by a written instrument signed by the duly authorized representatives of both parties.

In witness whereof, the City has caused a duly authorized representative to execute this Contract on the date set forth below.

CDW GOVERNMENT, LLC

Dario J. Bertocchi
Printed Name of Authorized Person

Signature

Director, Program Sales
Title:

2/28/2017
Date:

CITY OF AUSTIN

JAMES T. HOWARD
Printed Name of Authorized Person

Signature

CORPORATE PURCHASING MANAGER
Title:

3/1/17
Date:

Exhibit Listing

Exhibit A	Supplemental Terms
Exhibit B	CDW Government LLC Offer
Exhibit C	Non Discrimination Certification
Exhibit D	Non Suspension or Debarment Certification

Exhibit A
Supplemental Terms

1. **Designation of Key Personnel.** The Contractor's Contract Manager for this engagement shall be Danielle Davenport , Phone: 312-705-3251 , Email danigui@cdwg.comThe City's Contract Manager for the engagement shall be Leslye Conoley ; Phone: 512-974-7826, Email: Leslye.Conoley@austintexas.gov

2. **Invoices.**

Invoices shall be mailed to the below address:

	City of Austin
Department	Communication Technology Management (CTM)
Attention	Accounts Payable
Email Address	CTMAPinvoices@austintexas.gov

3. **TRAVEL EXPENSES**: All travel, lodging and per diem expenses in connection with the Contract for which reimbursement may be claimed by the Contractor under the terms of the Solicitation will be reviewed against the City's Travel Policy as published and maintained by the City's Controller's Office and the Current United States General Services Administration Domestic Per Diem Rates (the "Rates") as published and maintained on the Internet at:

http://www.gsa.gov/portal/category/21287

No amounts in excess of the Travel Policy or Rates shall be paid. All invoices must be accompanied by copies of detailed itemized receipts (e.g. hotel bills, airline tickets). No reimbursement will be made for expenses not actually incurred. Airline fares in excess of coach or economy will not be reimbursed. Mileage charges may not exceed the amount permitted as a deduction in any year under the Internal Revenue Code or Regulations.

4. **Equal Opportunity**

4.1.1 **Equal Employment Opportunity:** No Contractor or Contractor's agent, shall engage in any discriminatory employment practice as defined in Chapter 5-4 of the City Code. No Bid submitted to the City shall be considered, nor any Purchase Order issued, or any Contract awarded by the City unless the Contractor has executed and filed with the City Purchasing Office a current Non- Discrimination Certification. The Contractor shall sign and return the Non-Discrimination Certification attached hereto as Exhibit C. Non-compliance with Chapter 5-4 of the City Code may result in sanctions, including termination of the contract and the Contractor's suspension or debarment from participation on future City contracts until deemed compliant with Chapter 5-4.

4.1.2 **Americans With Disabilities Act (ADA) Compliance:** No Contractor, or Contractor's agent shall engage in any discriminatory employment practice against individuals with disabilities as defined in the ADA.

5. Right To Audit

5.1.1 The Contractor agrees that the representatives of the Office of the City Auditor or other authorized representatives of the City shall have access to, and the right to audit, examine, or reproduce, any and all records of the Contractor related to amounts paid by the City to the Contractor under this Contract. Audits may occur one time per each twelve (12) month period. The Contractor shall retain all such records for a period of three (3) years

after final payment on this Contract or until all audit and litigation matters that the City has brought to the attention of the Contractor are resolved, whichever is longer. The Contractor agrees to refund to the City any overpayments disclosed by any such audit.

5.1.2 The Contractor shall include this provision in all subcontractor agreements entered into in connection with this Contract.

6. **Insurance**: Insurance is not required for this contract as Contractor will not carry out on-site work with the City.

5.1.1 **Specific Coverage Requirements.** The Contractor shall at a minimum carry insurance in the types and amounts indicated below for the duration of the Contract, including extension options and hold over periods, and during any warranty period. These insurance coverages are required minimums and are not intended to limit the responsibility or liability of the Contractor.

5.1.1.1 **Commercial General Liability Insurance.** The minimum bodily injury and property damage per occurrence are $500,000 for coverages A (Bodily Injury and Property Damage) and B (Personal and Advertising Injuries). The policy shall contain the following provisions and endorsements.

5.1.1.1.1 Contractual liability coverage for liability assumed under the Contract and all other Contracts related to the project.

5.1.1.1.2 Contractor/Subcontracted Work.

5.1.1.1.3 Products/Completed Operations Liability for the duration of the warranty period.

5.1.1.1.4 Waiver of Subrogation, Endorsement CG 2404, or equivalent coverage.

5.1.1.1.5 Thirty (30) calendar days Notice of Cancellation, Endorsement CG 0205, or equivalent coverage.

5.1.1.1.6 The City of Austin listed as an additional insured, Endorsement CG 2010, or equivalent coverage.

5.1.1.2 **Business Automobile Liability Insurance.** The Contractor shall provide coverage for all owned, non-owned and hired vehicles with a minimum combined single limit of $500,000 per occurrence for bodily injury and property damage. Alternate acceptable limits are $250,000 bodily injury per person, $500,000 bodily injury per occurrence and at least $100,000 property damage liability per accident. The policy shall contain the following endorsements:

5.1.1.2.1 Waiver of Subrogation, Endorsement CA0444, or equivalent coverage.

5.1.1.2.2 Thirty (30) calendar days Notice of Cancellation, Endorsement CA0244, or equivalent coverage.

5.1.1.2.3 The City of Austin listed as an additional insured, Endorsement CA2048, or equivalent coverage.

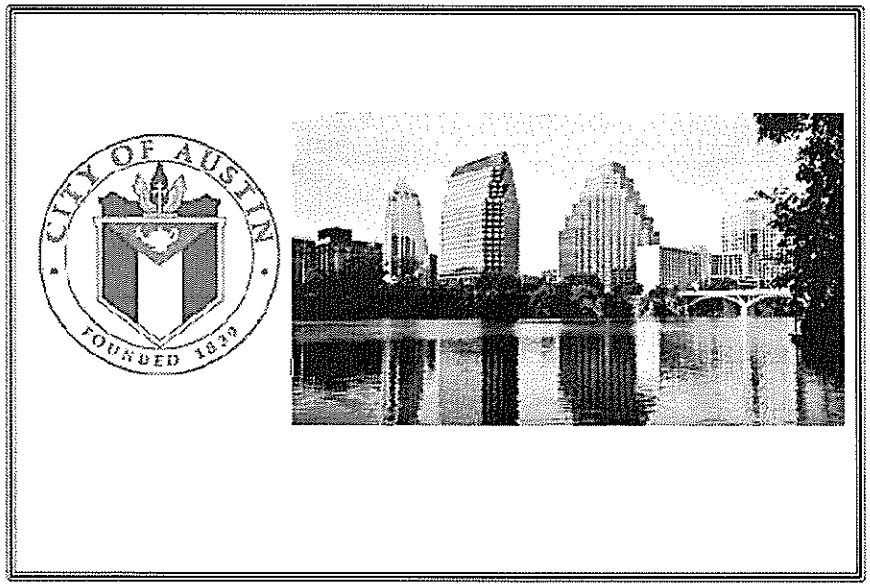
5.1.1.3 **Worker's Compensation and Employers' Liability Insurance.** Coverage shall be consistent with statutory benefits outlined in the Texas Worker's Compensation Act (Section 401). The minimum policy limits for Employer's Liability are $100,000 bodily injury each accident, $500,000

bodily injury by disease policy limit and $100,000 bodily injury by disease each employee. The policy shall contain the following provisions and endorsements:

5.1.1.3.1 The Contractor's policy shall apply to the State of Texas.

Exhibit B
CDW Government LLC's Offer

City of Austin – Purchasing Office
RFB for Cisco SmartNet Total Care
November 15, 2016
Digital Copy



CDW Government LLC
230 N. Milwaukee Ave.
Vernon Hills, IL 60061

Danielle Davenport
312.705.3251
danigui@cdwg.com

CDW PEOPLE WHO GET IT

VmOF IH ''N IL 5006

P 8.47 37 S 00
841 M U800
TCI «o 8!15 & ?

www.cdwg.com/PeopleWhoGetIT

November 15, 2016

RE : Request for Quote 23530 - Cisco SmartNet Hardware/Software Maintenance

Dear Ms. Neal

The City of Austin (COA) seeks a vendor for the management of Cisco Smart Net Total Care contracts as well as the purchase of new Cisco hardware and software. As a leading provider of IT solutions and one of Cisco's largest partners, CDW Government LLC (CDW•G) has the experience and knowledge to make your Cisco solutions a success.

CDW•G is eager to collaborate with COA on this contract to grow our relationship that we have developed through the years. A few benefits COA will receive through a CDW•G partnership includes:

Quick Access to Local Resources. We currently employ over 120 Texas-based coworkers, 25 of whom live within 45 minutes of Austin. Your Field Account Executive, Stephanie Stafford, is located nearby and available for onsite visits.

Dedicated Account Team. Your account team will continue to be led by Danielle Davenport. Danielle is your first point of contact for all questions or concerns regarding your Smart Net Total Care contracts.

Strong Cisco Partnership. As a Cisco Gold Certified partner offering Cisco since 1996, we have the extensive Cisco knowledge needed to make this contract a success. Cisco consistently recognizes our ability to deliver on their solutions with awards such as the Cisco US Public Sector SLED Service Partner of the Year and Cisco Public Sector Education Partner of the Year.

Superior Technical Resources. From our 1,600 Cisco certified coworkers to our 45 Cisco Smart Net Total Care Specialists to our SMARTtracker tool COA can rest assured we have the resources available to fully support your Cisco needs.

The following proposal outlines how CDW-G can deliver a quality, cost-effective, and value-added solution to benefit COA. We look forward to assisting the City with your Cisco needs. Should you have questions concerning this proposal response, please contact your dedicated CDW•G Account Manager, Danielle Davenport, at 312.705.3251 or at daniqui@cdwg.com.

Sincerely,

Tara K. Barbieri
Director - Program Sales

One CDW Way
200 N. Milwaukee Ave
Vernon Hills, IL 60061

P: 847.371.5800
F: 847.465.6800
Toll-Free: 800.808.4239

www.cdwg.com/PeopleWhoGetIT

The City of Austin Purchasing Office – Financial Services
Jane Neal, Buyer II
[illegible]
Austin, TX 78758

November 15, 2016

RE: Request for Quote 23530 – Cisco SmartNet Hardware/Software Maintenance

Dear Ms. Neal,

The City of Austin (COA) seeks a vendor for the management of Cisco Smart Net Total Care contracts as well as the purchase of new Cisco hardware and software. As a leading provider of IT solutions and one of Cisco's largest partners, CDW Government LLC (CDW•G) has the experience and knowledge to make your Cisco solutions a success.

CDW•G is eager to collaborate with COA on this contract to grow our relationship that we have developed through the years. A few benefits COA will receive through a CDW•G partnership includes:

- **Quick Access to Local Resources.** We currently employ over 120 Texas-based coworkers, 25 of whom live within 45 minutes of Austin. Your Field Account Executive, Stephanie Stafford, is located nearby and available for onsite visits.
- **Dedicated Account Team.** Your account team will continue to be led by Danielle Davenport. Danielle is your first point of contact for all questions or concerns regarding your Smart Net Total Care contracts.
- **Strong Cisco Partnership.** As a Cisco Gold Certified partner offering Cisco since 1996, we have the extensive Cisco knowledge needed to make this contract a success. Cisco consistently recognizes our ability to deliver on their solutions with awards such as the Cisco US Public Sector SLED Service Partner of the Year and Cisco Public Sector Education Partner of the Year.
- **Superior Technical Resources.** From our 1,600 Cisco certified coworkers to our 45 Cisco Smart Net Total Care Specialists to our SMARTtracker tool, COA can rest assured we have the resources available to fully support your Cisco needs.

The following proposal outlines how CDW•G can deliver a quality, cost-effective, and value-added solution to benefit COA. We look forward to assisting the City with your Cisco needs. Should you have questions concerning this proposal response, please contact your dedicated CDW•G Account Manager, Danielle Davenport, at 312.705.3251 or at danigui@cdwg.com.

Sincerely,

Tara K. Barbieri
Director – Program Sales

In an effort to speed the negotiation process, it is our intent that our proposal response and the terms and conditions of The State of Texas Department of Information Resources Cisco contract # DIR-TSO-2542 which is dated May 5, 2016, shall provide the definitive terms to govern this submission.

Executive Summary

In today's changing environment, government employeesheavily rely on their technology devices to serve the members of their communities. In order to provide for their citizens, government employeesmust be equippedwith the necessarysupportand resources to do so. This is particularlychallenging for IT workers is tracking and monitoring their equipment, especially for an organization such as the City of Austin. the 11" most populous city in the United State. As a result, the Cityof Austin (COA) seeks a vendorpartner who can provide the resources needed to effectively monitor your inventory which will leadtomore efficient purchasing decisions.

WhyCDW•G

After carefully reviewing COA's Cisco Smart Net Total Care solicitation. CDW Government LLC(CDWGJ u nd ers tan ds th at the ob jec tive of this RFP is for COA to identify the most reliable and experiencedprovider for the management of Cisco Smart Net Total Care contracts as well asthe purchaseof new Cisco hardware and software. CDW•G is eager to collaborate with COA as your preferred Cisco Smart Net Total care partner. We havethe resourcesto ensure a smooth transition of your account and to provide ongoing supportand responsive customer service.

Strong Cisco Relationship

As a CiscoGold Certifiedpartner offering Cisco since 1996 . our extensiveCiscoknowledge allows us to effectively support this contract. Cisco recognizesour ability to provideits solutions to customersas well and hasconsistently awarded us high recognitions. Notably, we were Cisco's first Master Security Partner, First Master Un ied Communications Partner, and Cisco's first Master Cloud Builder Partner. Weare also a regular attendeeat the Cisco Partner Summ . and at the 2016 Summit we were awarded 13 awards, including the CiscoUSPublic Sector SLEDService Partner of the Year and Cisco Public Sector Education Partner of the Year awards. Our standing as a leading Ciscopartner givesus special benefits for our customers, such asour standing as the only Cisco partner with a stocking position in the United States.

Dedicated and Knowledgeable Account Team

Overtheyears, COAhas developeda strongworkingrelationshipwithyourdedicated accountmanager Danielle Davenport. Daniellewill continue to manageyour account and serveasyoursinglepointof contactforanyquestionsthatmayarise. Daniellehasthe supportof technical specialists and local resources, including account executiveStephanie Stafford. Stephanie is available for on-site quarterly businessreviews with COA to ensure your Smart Net Total care managemet processis assmooth as possible.

Over120Texas-based resources availableto supportCOAlocally

Experienced Smart Net Total Care Specialist Team and SMARTtracker Tool

In an effort to supportour Cisco customers, we have a teamof Smart Net Total Care Specialists and our own SMARTtracker tool. The 45CiscoSmart Net Total Care Specialists are 100%dedicated tomanaging Cisco Smart Net Total care Contracts. Theyhaveextensive knowledgeof Cisco's Smart Net Total Care tools and processesand assist h managng all aspects of your maintenance contracts including moves adds changes upgrades downgrades decommissions credits, RMAs, and renewal quotes. SMARTtracker is our exclusiveonline portal offering a streamlined approach to managethis processmore effectively.

Contact your dedicated Account Manager for a demonstration of CDW' s SMARTtracker tool.

Conclusion

Webelieveour familiarity with the City of Austin coupled with our knowledgeand experience with Cisco solutions perfectly positions CDW·G to assist COAwith the managemet of your Cisco SMARTnet Total Care contract as wellas the procurement and deployment ofM ure Ciscosolutions. Our over a decadeof experienceasa Ciscopartner and deep implementation experience in Enterprise Networking, Collaboration, and Data Center technologies allowCOW•G to ensure your Ciscosolutions are deployedefficiently. Additionally our resources such as SMARTtracke and our Smart Net Total Care Specialist Teammake it easier for COA toprotect yourtechnologyinvestment, save resources, and minimizedowntime. With the CDW·Gsolution, COA willbe able tofocus lesson routine maintenance and more onthe mission ofyourorganization.

The CDW•G Solution

Company Overview

In 1982, Michael Krasny spent $3 on a three-line advertisement to sell a used computer. Fast forward 34 years and that one ad became CDW LLC, a $12 billion IT solutions provider. Founded in 1984, we have helped our customer base of more than 250,000 small, medium, and large business, government, education, and healthcare customers by delivering critical solutions to their increasingly complex IT needs for over 30 years. In 1998, we established CDW Government LLC (CDW•G) to focus on the specific needs of the government, healthcare, and educational sectors.

For the past 18 years, CDW•G has helped our government, education, and healthcare customers by delivering critical solutions to their growing technology needs. Our broad array of offerings range from discrete hardware and software products to integrated IT solutions such as mobility, security, data center optimization, cloud computing, virtualization, and collaboration. Our product portfolio includes more than 100,000 products from more than 1,300 brands. We currently offer a full range of products and services to develop the best total solution to meet your specific needs while attaining the most value for your organization. CDW•G is a one-stop shop for expert consulting, design, configuration, installation, and lifecycle management services.

CDW•G's Local Presence

CDW•G has operated in the Austin area with a physical presence since 2004 and employs over 120 personnel in Texas and operates with a physical District office in Dallas and virtual offices in Houston and Austin. The Austin virtual office consists of over 25 people that live within 45 minutes of Austin and are dedicated to supporting Government, Education, and Medium to Larger businesses. The Austin branch consists of a Branch manager, Solution Architects, Delivery Engineers, and Account Executives. COA's dedicated Account Executive is resides in Austin, TX 78759.

The CDW•G Account Team

COA and CDW•G have developed a strong working relationship over many years. CDW•G strives to be an extension of your organization by assisting with daily procurement needs as well as planning for the future. Your CDW•G account manager, Danielle Davenport, will continue to manage all aspects of your account. Danielle will be your first point of contact for all questions or concerns regarding your Smart Net Total Care contracts. She will help to evaluate your Cisco inventory initially and prior to renewal time, and she will propose the best maintenance packages by coverage, price, and duration. In addition, Account Executive Stephanie Stafford works in tandem with Danielle and Technology Specialists to provide valuable consulting services and outstanding local sales support. Stephanie Stafford will also be available for on-site quarterly business reviews with COA to ensure that the Smart Net Total Care management process is as streamlined as possible. She will make sure your Smart Net Total Care contracts are accurate and cost-effective and that any issues are resolved in a timely manner.

City of Austin Account Team		
Danielle Davenport Senior Account Manager Phone: 866.579.6342 Fax: 312.752.3543 Email: danigul@cdwg.com	**Stephanie Stafford** Field Account Executive Phone: 512.425.0972 stephanie.stafford@cdwg.com Austin, TX 78759	**Ashley DiCiurcio** Sales Manager Phone: 877.765.2940 ashleyd@cdw.com

Cisco Relationship

As a Cisco Gold Certified Partner, CDW•G has a strong, ongoing relationship with Cisco. We have been offering Cisco since 1996, and we have been a Gold Cisco Partner since its introduction in 2001. CDW was Cisco's first Master Security Partner, First Master Unified Communications Partner, and Cisco's first Master Cloud Builder Partner. Additionally, CDW is the only Cisco partner with a stocking position in the US, allowing our sales teams to have the most options for fulfilling customer needs. We are also the only Cisco partner with the ability to preconfigure Cisco Data Center products prior to shipping to the customer.

CDW and CISCO

Cisco Partner Awards

Cisco Partner Summit global awards are designed to recognize the exemplary channel partners who demonstrate best-in-class business practices and serve as a model to the industry. The awards are based on innovative practices, application successes, unique programs, and problem-solving and sales approaches. Cisco has consistently recognized our ability to provide exceptional Cisco solutions through partner awards. The list below details our most recent recognitions.

Awards from Partner Summit 2016 *

- Cisco US Public Sector SLED Service Partner of the Year
- Cisco Public Sector Education Partner of the Year
- Cisco Global Americas Commercial Partner of the Year
- Cisco Global Marketing Innovation Partner of the Year
- Cisco Global EMEAR Partner of the Year
- Cisco US Nationals Architectural Excellence – Data Center
- Cisco Architectural Excellence US - Security
- Cisco US Central Area Architectural Excellence – Enterprise Networking
- Cisco US Central Area Partner of the Year
- Cisco US East Area Commercial Partner of the Year
- Cisco Meraki Elevate East Area Partner of the Year
- Cisco US West Area Commercial Partner of the Year
- Cisco US South Area Architectural Excellence – Collaboration

*Awarded on March 1, 2016.

Our Resources

CDW•G invests heavily in the training and certification of our engineers and technical staff, and they are the reason our organization has achieved such high levels of technical mastery. Because of this commitment to ongoing education, it is difficult for our competition to compete with the sheer number of Cisco certified staff in our stable. We have more than 1,600 Cisco Certified employees who are available to our customers, as well as to our

internal staff. In fact, CDW•G employs more than 6 times the number of CCIEs required to be considered a Gold partner. Our team has the experience to match their certifications. This depth of knowledge and experience is proof COA has the best of the best when it comes to the lifecycle of projects.

Cisco Certifications

- 1900+ Cisco Certified Coworkers
- 700+ Cisco Certified Sales Experts (CSE 6.0)
- 340+ Cisco Certified Network/Data/Voice Professionals (CCNPs/DP's/VPs)
- 630+ Cisco Certified Network/Design/Voice Associates (CCNA's/DA's/VA's))
- 66 Cisco Certified Internetwork Expert and CCDE
  - 1 Quintuple, 4 Quadruple, 8 Triple, 14 double certified, 39 single and 15 Emeritus
- Many specialists and solution architect (300+) teams dedicated to supporting our account managers on Cisco enterprise networking, security, collaboration, data center, cloud offerings, and SMARTnet services
- More than 96 CDW coworkers who solely work on Cisco technologies
  - 6 Brand Team Members in PPM (Manager, Program Manager, 4 Brand Manager)
  - 29 CDW Inside Sales Representatives to assist on Field-led opportunities
  - 50 Product Protection coworkers focused on Cisco Services/SMARTnet business
  - 11 Coworkers dedicated to the Cisco procurement practice

Experienced Smart Net Total Care Specialist Team

Your dedicated Account Manager, Danielle Davenport is supported by a team of 45 Cisco Smart Net Total Care Specialists who are 100% dedicated to managing Cisco Smart Net Total Care contracts, which to the best of our knowledge, is the largest organization in North America. Cisco Smart Net Total Care Specialists have extensive knowledge of Cisco's Smart Net Total Care tools and processes. They will be available to assist with managing all aspects of your maintenance contracts including moves, adds, changes, upgrades, downgrades, decommissions, credits, RMAs, and renewal quotes. The CDW•G Smart Net Total Care Team works with Cisco directly to effect any changes to your products or contracts. They are able to open cases with Cisco to correct any discrepancies on dates, sites, serial numbers, products, etc. Our Smart Net Total Care Team manages 70,000 Smart Net Total Care contracts for more than 34,000 customers.

Exclusive SMARTtracker Tool

SMARTtracker is CDW's exclusive online portal that will help COA manage this process more efficiently. Due to its comprehensive yet streamlined approach, SMARTtracker has become an important tool for the management of Cisco Smart Net Total Care contracts among our largest customers. CDW•G is offering SMARTtracker to COA, free of charge, an important value-added benefit of partnering with CDW•G.

In order to properly evaluate CDW's Cisco Smart Net Total Care Services, it is critical for COA representatives to view a **demonstration of CDW's SMARTtracker tool.** Please contact your CDW•G Account Team in order to arrange for a portal demonstration.

CDW•G recommends that COA take full advantage of the SMARTtracker solution, which will give COA extensive visibility into the state of their network by helping to track and control network assets through a secure portal. SMARTtracker also imports End of Sale information, supplying COA and CDW•G with immediate actionable intelligence and proactive support. CDW•G can review this information on a quarterly basis to ensure that upgrade recommendations are made in a timely manner.

CDW•G Cisco Solutions

Our dedication to providing our customers overall IT solutions has led us to develop an extensive Cisco practice. A few of these solutions include:

- Cisco Networking Solutions
- VoIP and IPT Solutions
- Collaboration
- Cisco Emergency Responder (CER)
- Unified Contact Center Solutions
- Routing & Switching Solutions
- Wireless Solutions
- CDW Managed Cisco Services
- CDW Voice Advantage Services
- Security

For descriptions of the above offerings, please see the Appendix included at the end of this proposal.

CDW•G for City of Austin

CDW•G is a leading provider of integrated information technology solutions, and no other Cisco Gold Partner in the world offers COA this combination of product availability, technical expertise, and service capabilities. We have attained the broadest range of experience and deepest level of expertise across multiple technologies to ensure our customers, like COA, benefit from quality solutions tailored to their environments. As a leader in Cisco certifications and experience, CDW•G has the highly qualified and dedicated resources that are necessary to stay current with Cisco technologies to continue to meet the standards for our specializations—and our customers. In partnering with CDW•G, COA can count on us to deploy your Cisco solutions efficiently while continuing to offer best-in-class advice and support.

To learn more about CDW•G's qualifications and the services available through our partnership, please see the Appendix at the end of this proposal.

CITY OF AUSTIN
PURCHASING OFFICE
Cisco Smart Net Total Care
FOR
City of Austin's Network Infrastructure

1. PURPOSE

The City of Austin ("COA") seeks responses to this Request for Bid from firms qualified and experienced in providing Cisco Smart Net Total Care Service.

2. BACKGROUND

Austin is the capital of the U.S. state of Texas and the seat of Travis County. Located in Central Texas, Austin is the 11th-most populous city in the U.S. and the fourth-most populous city in Texas. It is the fastest growing of the largest 50 US cities. Austin is also the second largest state capital in the United States, after Phoenix, Arizona. As of July 1, 2014, Austin had a population of 912,791. The city is the cultural and economic center of the Austin–Round Rock metropolitan area, which had an estimated population of 2,000,860 as of July 1, 2015.

The City of Austin is nearing the end of a five year Cisco Smart Net agreement and is considering entering into another multiyear agreement. Maintaining an accurate equipment list through the use of spreadsheets proved to be challenging. Fortunately, Cisco offers the Smart Assist tool that will help keep accurate inventory detail. The City plans to utilize Smart Assist to identify Cisco networking equipment operating on the City of Austin's enterprise network. The selected vendor will be expected to provide an initial bid based on the inventory provided in this Request for Bid, install the Smart Assist tool, and collect inventory information. With this information, the City and the vendor will perform the first "true up". Periodic inventories and true up will occur on a regular basis throughout the term of the contract.

3. Scope of Work

The City of Austin is seeking bid responses to provide Cisco Smart Net Total Care Service for the equipment listed in attachment A.

Cisco Smart Net Total Care Service and its service level agreement is defined through this link

http://www.cisco.com/c/en/us/products/collateral/cloud-systems-management/smart-net-total-care/datasheet-c78-735459.pdf

This agreement will be purchased under the Texas DIR, abiding by the terms and conditions set by the DIR contract.

The bid respondents are required to quote on the criteria listed below:

- Cisco Smart Net Total Care for equipment listed on attachment "A" for one year with four renewal options

  Response

  CDW•G will provide a quote for SMARTnet Total Care for a 5 year term with annual payment options. If awarded, CDW•G will work with Cisco Capital to provide COA with a 0% Interest Rate financial proposal including the annual payment amount(s), payment due date(s), and non-appropriation clause.

  Please reference Attachment A for pricing quotation. Please reference Appendix A for the full equipment list covered.

- Hardware installation and system configuration for Cisco Smart Assist Service –

  Response

  CDW•G will provide a quote for Cisco SMART Assist Service. Pricing for a 5 year term is included in Attachment A.

- Perform accurate system inventory and provide reports every 3 months through the term of the contract –

  Response

  CDW•G will work with City of Austin to gather data from Total Care once the Cisco collector is implemented by Cisco through Cisco Smart Assist.

  a) At a minimum the following data elements should be collected
     i) IP Address
     ii) MAC Address
     iii) Serial Number
     iv) Product Description
     v) Part number
     vi) Software version

- Perform inventory True Up annually based on most recent inventory though the Smart Assist Service –

  Response

  CDW•G will work on annual true ups based on network data gathered by Total Care.

- Provide training to Key CoA support teams on the use and management of the CoA assets via the Smart Net Total Care Portal

  Response

  CDW•G will assist the City of Austin in coordinating with Cisco to meet this objective.

- Provide discount level offered for all equipment added to the contract after initiation

  Response

  CDW•G will provide discount level(s) offered for all equipment added to the contract after initiation. Please see Attachment B for the offered discount level per product category.

- Provide inventory reconciliation services for equipment identified through Smart Assist that should not be on the contract

  Response

  Cisco will provide IB reconciliations as part of Cisco Smart Assist.

CITY OF AUSTIN
PURCHASI NG OFFIC E
Cisco Smart Net Total Care
FOR
City of Austin's Network Infrastructure

4. Timeline

The company awarded the contract shall be prepared to begin work immediately upon award.

Targetcompletiondates are as follows:

Initial inventory invoice - delivered with bid response

Smart Assist Service Installation and configuration completion - within 60-days of contract award

Besoonse

COW-G will assist City of Austin in coordinating with Cisco to meet these deadlines for Total Care installation and Smart Assist offering.

- Tru e u p Inv entory - w ith in 30--daysof contract award
- Ture up Invoice - within 45-days of contractaward
- TrainingCoA KeyStaff - within 60-daysof contract award

Smart Assist inventories
- 02 inventory - April 2017
- 03 inventory - July 2017
- 0 4 Inventory- October 2017
- 0 1 Inventory - January 2018

Ouarter1y Inven tories pe rformed each year of contract. with True Up in tile first week of October.

Response

COW-G will provide quarterly inventory reports utilizing data in both Total Care and COW's SMARTtracker portal.

5. Evaluation Criteria.

The City of Aus tin wil l eva luate bids basedon (in order of importance, priority on top):

Smart Net Total Care for equipment listed in appendix A
Percentage discount from Cisco Smart Net on equipment added to the contract through true up process
Ability to the implement Cisco Smart Assist Service within the 30 day timeline
Cost of additional ttems (if any)

6. Bu dget

The City of Austin has budgeted an amount not to exceed $1.8 M per year for 5 years with a not to exceedtotal of S9 M for Cisco maintenance services

CUSTOM ER:	QTYOFAUSTIN
CONTACT:	JANE KCAL
ADDRESS.	1124 S. u: 3SSn 300 A:S:H, TX 71 0(
QU OT[I	HMW J61 0
REV# :	1

Account M ana.p r: Danielle Davenport

Contract: TexasCiSco DIRTSO2S42

$ 5,069,295.3

Account Manager Contact Information	
Quote Date	November 15, 2016
Prepa ed by	Danielle Davenport
Phone	112·705·325I
Email	[illegible]

QTY	PART #		LIST COST	OFFERED DISCOUNT		
	N°: IIV-I I: M	SYRCOAos;c;SmartNet Total Care service Rene wal &SmartAs&st Serviet tart I late: 11/1n/3U1 O End Da e 10 31/ 2021 • • Eq Upment List included in AppendixA	$ 7,065,204.82		$ 5,069,295.34	$ 5,069,295.34
					TOTAIAMOUNTTO 8Ef INANCEO S	. S 069,.29S.34
					Yr 1 AnnuotPlyment S	1.0 .J.,859 07
					Yr 1 AnnuotPl,yment S	1.0 1.,859 07
					Yr 3 AnnuotPlyment S	1.03,.859 07
					Yr 4 AnnuotPlyment S	1.05,.859 07
					Yr 5 AnnuotPl,yment S	1.0 .J.,859 07

Win Cal : TNn:lhf1 VPldlc
20 Mall::NA
IIIb, IL6006

WrN6-
7Sit.mllurctDrt.,c,Sub 151S
ChsSo.,Il fi0S7S.IS1S

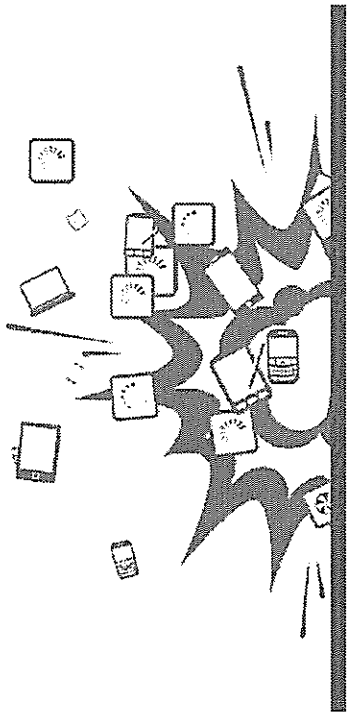
ATIACHMENT B:
EXTENDED PRICINGSHEET
CITYOF AUSTIN
Cisco Smart Net Total Care RFQ/t 23530

ITEM	ITEM DESCRIP TION	DIR % DISCOU NT FROM MSRP	OFFERED % DISCOUNT FROM MSRP
1 0	Cisco Hardware on Global Price List	36 00%	43 60%
1 1	Cisco UCS Hardwareon Global PriceList exdudingNexus 2-7Kand 9K	36.00%	60 00%
2 0	Cisco SMARTnet for Govemment (1 Year Tem1)	10.00%	22 00%
2 1	Cisco SMARTnet for Govemment (3 Year Tem1)	17.00%	22 00%
2 2	Cisco SMARTnet for Government (5 Year Tem1)	21.00%	22 00%
3 0	1 Year Tem1SMARTnet Renewal for Governmet	Not li sted	14 00%
3 1	3 Year Tem1SMARTnet Renewal for Governmet	Not li sted	24 91%
3 2	5 Year Tem1SMARTnet Renewal for Governmet	Not li sted	28 26%
3 3	5 Year Tem1Smart Assist Services	No t li s te d	28 26%
4 0	Cisco Technical and Maintenance SefVices	10 .00%	10 00%

COM PAN Y NAME: COW Government LLC DATE: 11 15/2016

PRINTED NAME: Danielle Daven ort

EMAIL ADDRESS: danigui@£dwg.com



Appendix

APPENDIX A:
COA EQUIPMENT LIST COVERED IN ATTACHMENT A PRICING
CITY OF AUSTIN
Cisco Smart Net Total Care RFQ# 23530

Site ID#	Item Name	Description	Serial Number	Begin Date	End Date
418052031	CSACS-5.6-VM-UP-K9	ACS 5.6 VMWare SW + Base License Upgrade for Previous Vers		1-Nov-16	28-Feb-19
418052031	N1K-VLEM-UCS-1	Nexus 1000V License Paper Delivery (1 CPU) for bundles	QCACCA03B0429	1-Jan-17	31-Oct-21
418052031	N1K-VLEM-UCS-1	Nexus 1000V License Paper Delivery (1 CPU) for bundles	3701J438039	1-Jan-17	31-Oct-21
418052031	N1K-VLEM-UCS-1	Nexus 1000V License Paper Delivery (1 CPU) for bundles	3701J6D0ABC	1-Jan-17	31-Oct-21
418052031	N1K-VLEM-UCS-1	Nexus 1000V License Paper Delivery (1 CPU) for bundles	3701J4632F9	1-Jan-17	31-Oct-21
418052031	N1K-VLEM-UCS-1	Nexus 1000V License Paper Delivery (1 CPU) for bundles	3701J19F77A	1-Jan-17	31-Oct-21
418052031	N1K-VLEM-UCS-1	Nexus 1000V License Paper Delivery (1 CPU) for bundles	3701J732F79	1-Jan-17	31-Oct-21
418052031	N1K-VLEM-UCS-1	Nexus 1000V License Paper Delivery (1 CPU) for bundles	3701J2C8AE5	1-Jan-17	31-Oct-21
418052031	N1K-VLEM-UCS-1	Nexus 1000V License Paper Delivery (1 CPU) for bundles	3701J2FAE6E	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J6DF0EB	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J74F5B0	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J168AAA	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J300835	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J399EED	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J621147	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J96F450	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J7AC194	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J1098CF	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J46EDBE	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J1CEF85	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J432646	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J52AD17	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J2762AE	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J23C135	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J36D706	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J5F0D8F	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J2294E8	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J5CA9A2	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J532A22	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J7F8BBC	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J5442CD	1-Jan-17	31-Oct-21
418052031	CUIC-SP-PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv,Stor,Net,Oth Node	6233J2EBE91	1-Jan-17	31-Oct-21

418 052031	CUC-SP PHY-SVR	Cisco UCS Director Res Lic - One Phy Serv (S t or Ne t Ob Node	62 31J62 69 FA	1 -Ja n-1 7	31- Oct -21
4180 52031	FS-VMW -10-SW-K9	Cisco Fi re po w er Manage me nt Ce nt er (VMWa re) for 10 devices	7361J31765E	1-Ja n-1 7	31-Oct -21
4180 52031	L-MSE-7 0-K9	MSEVirt ual App ia nce (Plea se se lect L-MSE-PAK for MSE Lic e	5 1 27 J61SF81	1-Ja n-1 7	31-Oct -21
418052031	DCNM-SAN-M91-K9	DCNM fo r SAN Lice nse for MOS 9100	2902J556418	1-Ja n-1 7	31-Oct -21
418052031	DCNM-SAN-M91-K9	DCNM fo r SAN Lice nse for MOS 9100	2902J581FE1	1-Ja n-1 7	31-Oct -21
4180 52031	L-MSE-7 0-K9	MSEVirt ual App ia nce (Please se lect L-MSE-PAK for MSE Lic e		1 -Ja n-1 7	31 - Oct -2 1
40 203 4 252	ASA5510 -BUN-K9	5510 Appliance wit h SW, 5FE30 ES AES	J MX0 939 LQKV	1 - Nov-16	30-Sep-18
402034252	ASA5510 -BUN-K9	5510 Appliance wit h SW, 5FE30 ES AES	J MX0 939 KQLO	1 - Nov-16	30-Sep-18
413704816	ASR-9006-0C-V2	A SR 9006DCChassis with PEM Vers io n 2	FOX1807GWQR	1- Nov-16	31-Oct -21
413704816	A9K-RSP440-TR	ASR 91(Route Switch Processor wit h 4400 s ot Fabric and 6GB	FOC1806N643	1-Nov-16	31-Oct -21
413704816	A9K-RSP440-TR	ASR 91(Route Switch Processor wit h 4400 s ot Fabric and 6GB	FOC1806N5ZR	1- Nov-16	31-Oct -21
413704816	A9K-M PA-8 X10GE	A SR 9000&-po rt 10GE Mod ular Port Adap ter	FOC1802NAS1	1-Nov-16	31-Oct -21
413704816	A9K-M PA-8 X10GE	A SR 9000&-po rt 10GE Mod ular Port Adap ter	FOC1802NANQ	1-Nov-16	31-Oct -21
413704816	A9K-M OD160- TR	160G Mod u la r Linec a rd Packe t Transpo rt Op t im ized	FOC17SN6DQ	1-Nov-16	31-Oct -21
413704816	A9K-M PA-20 X1GE	A SR 900020-port 1 GE Mod ular Port Adap ter	FOC1805 N1 &8	1- Nov-16	31-Oct -21
413704816	A9K-M PA-20 X1GE	A SR 900020-port 1 GE Mod ular Port Adap ter	FOC1805 N17R	1- Nov-16	31-Oct -21
413704816	A9K-M PA-20 X1GE	A SR 900020-port 1 GE Mod ular Port Adap ter	FOC1805 N1 48	1 - Nov-16	31-Oct -21
413704816	A9K-M OD80-TR	800 Mod ular Linec a r d Pa cke t Tra nspon Opti m zed	FOC1805N3WQ	1-Nov-16	31-Oct -21
413704816	A9K-M OD80 -TR	800 Mod ular Linec a r d Pa cke t Tra nspon Opti m zed	FOC1805 N3VZ	1- Nov-16	31-Oct -21
413704816	XR-A9K PXK9-04 03	Cisco IOS XR IP/ MPLS*Core* So ftwa re 39 ES		1- Nov-16	30-Apr-20
413704816	ASA5525-SSD120- K9	NGFW ASA5525- Xw/ SW, 8GE Data 1 GE Mgmt AC 3DES/ AES SSC 120G	FTX1744 J9V1	1-Nov-16	31-Aug-20
413704816	ASR-9006-0C-V2	A SR 9006DCChassis with PEM Vers io n 2	FOX1807GWRM	1- Nov-16	31-Oct -21
413704816	A9K-RSP440-TR	ASR 91(Route Switch Processor wit h 4400 s ot Fabric and 6GB	FOC1806N60S	1-Nov-16	31-Oct -21
413704816	A9K-RSP440-TR	ASR 91(Route Switch Proces sor wit h 4400 s ot Fabric and 6GB	FOC1806N5X9	1- Nov-16	31-Oct -21
413704816	A9K-M PA-8 X10GE	A SR 9000&-po rt 10GE Mod ular Port Adap ter	FOC1802NASE	1- Nov-16	31-Oct -21
413704816	A9K-M PA-8 X10GE	A SR 9000&-po rt 10GE Mod ular Port Adap ter	FOC1802NANO	1- Nov-16	31-Oct -21
413704816	A9K-M OD160- TR	160G Mod u la r Linec a rd Packe t Transpo rt Op t im ized	FOC175 1N6Q	1-Nov-16	31-Oct -21
413704816	A9K-M PA-20 X1GE	A SR 900020-port 1 GE Mod ular Port Adap ter	FOC1805 N19 W	1 - Nov-16	31-Oct -21
413704816	A9K-M PA-20 X1GE	A SR 900020-port 1 GE Mod ular Port Adap ter	FOC1805 N1 2S	1 - Nov-16	31-Oct -21
413704816	A9K-M PA-20 X1GE	A SR 900020-port 1 GE Mod ular Port Adap ter	FOC1803N6H2	1 - Nov-16	31-Oct -21
413704816	A9K-M OD80 -TR	800 Mod ular Linec a r d Pa cke t Tra nspon Opti m zed	FOC1805 N3ZF	1- Nov-16	31-Oct -21
413704816	A9K-M OD80 -TR	800 Mod ular Linec a r d Pa cke t Tra nspon Opti m zed	FOC1805 N3NH	1- Nov-16	31-Oct -21
413704816	XR-A9K PXK9-04 03	Cisco IOS XR IP/ MPLS*Core* So ftwa re 39 ES		1- Nov-16	30-Apr-20
402034252	ASA5520 - BUN-K9	5520 Appliance wit h SW, HA 4GE+I FE 3DES/AES	JMX0939 KONN	1 - Nov-16	30-Sep-18
413704816	A9K-M OD160- AIP-TR	3 VPN license for MOD160 Linecard. Tra nspon Opti m zed	3661J0870CS	1- Nov-16	31-Oct -21
413704816	ASR-9006-AC-V2	A SR 9006ACChassis with PEM Version 2	FOX1808GQY6	1- Nov-16	31-Oct -21
413704816	A9K-M OD80 -TR	800 Mod ular Linec a r d Pa cke t Tra nspon Opti m zed	FOC1747N6TZ	1- Nov-16	31-Oct -21
413704816	A9K-M PA-20 X1GE	A SR 900020-port 1 GE Mod ular Port Adap ter	FOC1801 N6AP	1-Nov-16	31-Oct -21
413704816	A9K-M OD80-AIP-TR	3 VPN license for MOD80 Linecard. Tra nspo rt Op tim ized	3661J 5 F6501	1- Nov-16	31-Oct -21
413704816	XR-A9K PXK9-05 01	Cisco ASR 9000 IOS XRS oftwa r e 39 ES		1- Nov-16	31-Oct -20
413704816	A9K-M PA-4 X10GE	A SR 90004-port 10GE Mod ular Port Adap ter	FOC1807N9 HA	1 - Nov-16	31-Oct -21

4137(4816	A9K-RSP440-SE	ASR9K Route Switch Processor wit h 4400/s ot Fabric and12GB	FOC1808N29H	1-Nov-16	31-Oct -21
4137(48 16	ASASS45-K9	ASA5S45-Awit h SW 8GE Daa I GE Mgmt, AC 30ES/AES	FTX193910ZV	26-S-ep-20	31-Oct -21
4137(48 16	ASR-9006-0C- V2	ASR9006DCChassis with PEM Vers ion 2	FOX 1809GRS2	1-Nov-16	31-Oct -21
4137(48 16	A9K-M OD160-TR	160 G Modu ar Lineca rd Pa c ke t Transport Opt im ized	FOC1748N7JC	1-Nov-16	31-Oct -21
4137(48 16	A9K-RSP440-TR	ASR9K Route Switch Processor wit h 4400/s ot Fabric and 6GB	FOC1808N21N	1-Nov-16	31-Oct -21
4137(48 16	A9K-M OD80-TR	800 Modular Lineca r d Packe t Transport Optim zed	FOC1743N6SO	1-Nov-16	31-Oct -21
4137(48 16	A9K-M OD80-TR	800 Modular Lineca r d Packe t Transport Optim zed	FOC1747N6XD	1-Nov-16	31-Oct -21
4137(48 16	A9K-M PA-20X1GE	ASR900020-port l GE Modular Port Adapter	FOC1807NOU8	1-Nov-16	31-Oct -21
4137(48 16	A9K-M PA-20X1GE	ASR900020-port l GE Modular Port Adapter	FOC1807NOXG	1-Nov-16	31-Oct -21
4137(48 16	A9K-M PA-20X1GE	ASR900020-port l GE Modular Port Adapter	FOC1807NOVP	1-Nov-16	31-Oct -21
4137(48 16	A9K-MPA-8X1 0GE	ASR9000&-port l OGE Modular Port Adapter	FOC1807N4HT	1-Nov-16	31-Oct -21
4137(48 16	A9K-MPA-8X1 0GE	ASR9000&-port l OGE Modular Port Adapter	FOC1807N4UU	1-Nov-16	31-Oct -21
4137(48 16	A9K-RSP440-TR	ASR9K Route Switch Processor wit h 4400/s ot Fabric and 6GB	FOC1806N62J<	1-Nov-16	31-Oct -21
4137(48 16	A9K-MOD160-AIP-TR	I 3 VPN lice nse for MOD160 Lineca rd, Transport Optim zed	3661J273053	1-Nov-16	31-Oct -21
4137(48 16	A9K-MOD80-AIP-TR	I 3 VPN lice nse for MOD80 Lineca rd Tra nsport Optimized	3661J70A893	1-Nov-16	31-Oct -21
4137(48 16	A9K-MOD80-AIP-TR	I 3 VPN lice nse for MOD80 Lineca rd Tra nsport Optimized	3661J12E29D	1-Nov-16	31-Oct -21
4137(48 16	XR-A9K-PXK9-04 03	Cisco IOS XR IP/ MPLSCore Software 30ES		1-Nov-16	30-Apr-20
4148SS05b	C6SOOIA-48 FPD	Catal\ st o800 Insta nt Access POE+Switch	FOC2007S034	28-feb-17	31-Oct-21
4137(4816	ASR-9006-0C- V2	ASR9006DCChassis with PEM Vers ion 2	FOX1751GN4A	1-Nov-16	31-Oct -21
4137(48 16	A9K-M OD160-TR	160 G Modu ar Lineca rd Pa c ke t Transport Opt im ized	FOC1751N6FH	1-Nov-16	31-Oct -21
4137(48 16	A9K-M OD80-TR	800 Modular Lineca r d Packe t Transport Optim zed	FOC1741N22N	1-Nov-16	31-Oct -21
4137(48 16	A9K-M OD80-TR	800 Modular Lineca r d Packe t Transport Optim zed	FOC1747N6ZK	1-Nov-16	31-Oct -21
4137(48 16	A9K-M PA-20X1GE	ASR900020-port l GE Modular Port Adapter	FOC1807NOZZ	1-Nov-16	31-Oct -21
4137(48 16	A9K-M PA-20X1GE	ASR900020-port l GE Modular Port Adapter	FOC1807N1AS	1-Nov-16	31-Oct -21
4137(48 16	A9K-M PA-20X1GE	ASR900020-port l GE Modular Port Adapter	FOC1807N1 0 D	1-Nov-16	31-Oct -21
4137(48 16	A9K-MPA-8X1 0GE	ASR9000&-port l OGE Modular Port Adapter	FOC1807N4P6	1-Nov-16	31-Oct -21
4137(48 16	A9K-MPA-8X1 0GE	ASR9000&-port l OGE Modular Port Adapter	FOC1807N4UV	1-Nov-16	31-Oct -21
4137(48 16	A9K-RSP440-TR	ASR9K Route Switch Processor wit h 4400/s ot Fabric and 6GB	FOC1808N2N3	1-Nov-16	31-Oct -21
4137(48 16	A9K-MOD160-AIP-TR	I 3 VPN lice nse for MOD160 Lineca rd, Transport Optim zed	3661J720347	1-Nov-16	31-Oct -21
4137(48 16	A9K-MOD80-AIP-TR	I 3 VPN lice nse for MOD80 Lineca rd Tra nsport Optimized	3661JSS01S6	1-Nov-16	31-Oct -21
4137(48 16	A9K-M0080 -AIP-TR	I 3 VPN lice nse for MOD80 Line ca rd Tra nsport Optimized	3661JS48FBF	1-Nov-16	31-Oct -21
4137(48 16	XR-A9K-PXK9-04 03	Cisco IOS XR IP/ MPLSCore Software 30ES		1-Nov-16	30-Apr-20
4137(4816	A9K-RSP440-TR	ASR9K Route Switch Processor wit h 4400/s ot Fabric and 6GB	FOC1828N77I	1-Nov-16	31-Oct -21
4148SS05b	C6SOOIA-48 FPD	Catal\ st 6800 Insta nt Access POE+ Switc h	FOC2007S040	28-feb-17	31-Oct-21
4148SS05b	C6SOOIA-48 FPD	Catal\ st 6800 Insta nt Access POE+ Switc h	FOC2007S002	28-feb-17	31-Oct-21
4137(4816	ASR-9006-0C- V2	ASR9006DCChassis with PEM Vers io n 2	FOX1803 GKNO	1-Nov-16	31-Oct -21
4137(48 16	A9K-M OD160-TR	160 G Modu ar Lineca rd Pa c ke t Transport Opt im ized	FOC1748N7KU	1-Nov-16	31-Oct -21
4137(48 16	A9K-RSP440-TR	ASR9K Route Switch Processor wit h 4400/s ot Fabric and 6GB	FOC1808N2JP	1-Nov-16	31-Oct -21
4137(48 16	A9K-M OD80-TR	800 Modular Lineca r d Packe t Transport Optim zed	FOC1741N1ZC	1-Nov-16	31-Oct -21
4137(48 16	A9K-M OD80-TR	800 Modular Lineca r d Packe t Transport Optim zed	FOC1743N6N1	1-Nov-16	31-Oct -21
4137(48 16	A9K-M PA-20X1GE	ASR900020-port l GE Modular Port Adapter	FOC180SN1FN	1-Nov-16	31-Oct -21

413704816	A9K-M PA-20X1GE	A SR900020-port l GE Modu lar Po rt Adapter	FOC1805 N18 N	1 - Nov-16	31-0 ct-21
413704816	A9K-M PA-20X1GE	A SR900 0 20-port l GE Modu lar Po rt Adapter	FOC1805 N1E6	1- Nov-16	31-0 ct-21
413704816	A9K-M PA-8X10GE	A SR900 0 &-po rt l OGE Modu lar Po rt Adapter	FOC1807N4S6	1 - Nov-16	31-0 ct-21
413704816	A9K-M PA-8X10GE	A SR900 0 &-po rt l OGE Modu lar Po rt Adapter	FOC1807N4VO	1- Nov-16	31-0 ct-21
413704816	A9KRSR40-TR	ASR91(Route Switch Processor with 4400/slot Fabric and 6GB	FOC1808N2CN	1- Nov-16	31-0 ct-21
413704816	A9K-M0 0 160-AI P-TR	13 VPN lice nse for MOD160 li neca rd, Tra nspon Opti mized	3661J40060F	1-Nov-16	31-0 ct-21
413704816	A9K-M0080 -AIP-TR	13 VPN lice nse for MODSO Lineca rd Tra nspo rt Optim ized	3661J515102	1- Nov-16	31-0 ct-21
413704816	A9K-M0080 -AIP-TR	13 VPN lice nse for MODSO Lineca rd Tra nsport Optimized	3661J6653D8	1- Nov-16	31-0 ct-21
413704816	XR-A9K-PAK9-04 03	Cisco IOS XR IP/ MPLSCore Softwa re 30 ES		1- Nov-16	30-Apr-20
414&55056	C6800 IA-48 FPO	Catal\ st 6&00 insta nt Access POE+ Switch	FOC2607S0 3J	28-f eb-17	31-0 ct -21
414&55056	C6800 IA-48 FPO	Catal\ st 6&00 insta nt Access POE+ Switch	FOC2607S0 3T	28-f eb-17	31-0 ct -21
413704816	ASR-9006-0C V2	A SR 9006DCChassis with PEMVers ion 2	FOX1809G P4 R	1- Nov-16	31-0 ct-21
413704816	A9K-M0 0 160-TR	160G Mod ula r Line ca rd Pack e Transpo rt Opt imized	FOC1807N 3JR	1- Nov-16	31-0 ct-21
413704816	A9KRSR40-TR	ASR91(Route Switch Processor with 4400/slot Fabric and 6GB	FOC1808N2NZ	1- Nov-16	31-0 ct-21
413704816	A9K-M0080 -TR	800 Modu lar Lineca rd Packe t Tra nsoon Op t im zed	FOC 17 41 N23N	1- Nov-16	31-0 ct-21
413704816	A9K-M0080 -TR	800 Modu lar Linecar d Packe t Tra nspon Op t i m zed	FOC 17 4 3N6 NK	1 - Nov-16	31-0 ct-21
413704816	A9K-M PA-20X1GE	A SR 900020-port l GE Modu lar Po rt Adapter	FOC1807NOSS	1 - Nov-16	31-0 ct-21
413704816	A9K-M PA-20X1GE	A SR 900020-port l GE Modu lar Po rt Adapter	FOC1807NOZN	1 - Nov-16	31-0 ct-21
413704816	A9K-M PA-20X1GE	A SR 900 0 20 - port l GE Modu lar Po rt Adapter	FOC1807N1S O	1 - Nov-16	31-0 ct-21
413704816	A9K-M PA-8X10GE	A SR 900 0 &-po rt l OGE Modu lar Po rt Adapter	FOC1807N4SR	1- Nov-16	31-0 ct-21
413704816	A9K-M PA-8X10GE	A SR 900 0 &-po rt l OGE Modu lar Po rt Adapter	FOC1807N4TJ	1 - Nov-16	31-0 ct-21
413704816	A9KRSR40-TR	ASR91(Route Switch Processor with 4400/slot Fabric and 6GB	FOC1808N2HL	1- Nov-16	31-0 ct-21
413704816	A9K-M0 0 160-AI P-TR	13 VPN lice nse for MOD160 li necard, Tra nspon Opti mized	3661J3e5941	1- Nov-16	31-0 ct-21
413704816	A9K-M0080 -AIP-TR	13 VPN lice nse for MODSO Lineca rd Tra nspo rt Optim ized	3661J7 AE4EE	1- Nov-16	31-0 ct-21
413704816	A9K-M0080 -AIP-TR	13 VPN lice nse for MODSO Lineca rd Tra nspo rt Optim ized	3661J28F967	1- Nov-16	31-0 ct-21
413704816	XR-A9K-P XK9-04 03	Cisco IOS XR IP/MPL5Core Software 30ES		1- Nov-16	30-Apr-20
414&55056	C6800 IA-48 FPO	Catal\ st 6&00 insta nt Access POE+ Switch	FOC200 5S6GW	28-f eb-17	31-0 ct -21
40203 4252	ASA5510-BUN-K9	MA 5A 5510 Appliance with SW 5FE30 ES/AFS	JMX0939 K0K P	1 - Nov-16	30-Sep-18
414&55056	C6800 IA-48 FPO	Catal\ st 6&00 insta nt Access POE+ Switch	FOC2607S0 10	28-f eb-17	31-0 ct -21
413704816	ASR-9006-0C V2	A SR 9006DCChassis with PEM Ve rsion 2	FOX1809G EA9	1 - Nov-16	31-0 ct-21
413704816	A9K-M0 0 160-TR	160G Mod ula r Line ca rd Pack e Transpo rt Opt imized	FOC1751N 60 U	1-Nov-16	31-0 ct-21
413704816	A9KRSR40-TR	ASR91(Route Switch Processor with 4400/slot Fabric and 6GB	FOC1808N28X	1 - Nov-16	31-0 ct-21
413704816	A9K-M0080 -TR	800 Modu lar Lineca r d Packe t Tra nspon Op t i m zed	FOC 17 41 N1WJ	1- Nov-16	31-0 ct-21
413704816	A9K-M0080 -TR	800 Modu lar Lineca r.d Packe t Tra nspon Op t i m zed	FOC 17 41 N22V	1-Nov-16	31-0 ct-21
413704816	A9K-M PA-20X1GE	A SR 900020-port l GE Modu lar Po rt Adapter	FOC1807NOXS	1 - Nov-16	31-0 ct-21
413704816	A9K-M PA-20X1GE	A SR 900 0 20 - port l GE Modu lar Po rt Adapter	FOC1807NOZW	1- Nov-16	31-0 ct-21
413704816	A9K-M PA-20X1GE	A SR 900 0 20 - port l GE Modu lar Po rt Adapter	FOC1807N1 2A	1- Nov-16	31-0 ct-21
413704816	A9K-M PA-8X10GE	A SR 9000&-po rt l OGE Modu lar Po rt Adapter	FOC1807N4QV	1-Nov-16	31-0 ct-21
413704816	A9K-M PA-8X10GE	A SR 9000&-po rt l OGE Modu lar Po rt Adapter	FOC1807N4SA	1-Nov-16	31-0 ct-21
413704816	A9KRSR40-TR	ASR91(Route Switch Processor with 4400/slot Fabric and 6GB	FOC1808N2EU	1 - Nov-16	31-0 ct-21
413704816	A9K-M0 0 160-AI P-TR	13 VPN lice nse for MOD160 li necard, Tra nspon Opti mized	3661J255958	1- Nov-16	31-0 ct-21

413704816	A9K-MOD80-A1P-TR	I 3 VPN license for MOD80 Lineca .rd Tra.nsport Optimized	3661J60E819	1-Nov-16	31-0ct -21
413704816	A9K-MOD80-AIP-TR	I 3 VPN license for MOD80 Lineca .rd Tra.nsport Optimized	3661JAF07A7	1-Nov-16	31-0ct -21
4137048 16	XR-A9K-PXK9-04.03	Cisco IOS XR IP/ MPLSCore Software 30ES		1-No v-16	30-Apr-20
414855056	C68001A-48 FPD	Catal\st 6800 insta nt Access POE+Switch	FOC2007S01E	28-f eb-17	31-0ct -21
414855056	C68001A-48 FPD	Catal\st 6800 insta nt Access POE+ Switch	FOC2005S6G7	28-feb-17	31-0ct-21
413704816	ASR-9006-0C-V2	ASR 9 006 DCChassis with PEM Vers ion 2	FOX 1808GQY4	1-Nov-16	31-0ct -21
413704816	A9K-MOD160-TR	160 G Modular Lineca rd Pa c ke t Transport Opt im ized	FOC1751N6E2	1-Nov-16	31-0ct -21
413704816	A9K-MOD80-TR	800 Modular Lineca r d Packe t Tra nsport Optim:zed	FOC1741N212	1-Nov-16	31-0ct -21
413704816	A9K-MPA-20X1GE	ASR900020-port l GE Modular Po rt Adapter	FOC1805N11W	1-Nov-16	31-0ct -21
413704816	A9K-MPA-20X1GE	ASR900020-port l GE Modular Po rt Adapter	FOC1805N18Z	1-Nov-16	31-0ct -21
413704816	A9K-MPA-20X1GE	ASR900020-port l GE Modular Po rt Adapter	FOC1805N1FH	1-Nov-16	31-0ct -21
413704816	A9K-MPA-8X10GE	ASR9000&-port l OGE Modular Po rt Adapter	FOC1807N4N6	1-Nov-16	31-0ct -21
413704816	A9K-MPA-8X10GE	ASR9000&-port l OGE Modular Po rt Adapter	FOC1807N4UF	1-Nov-16	31-0ct -21
413704816	A9K-RSP440-TR	ASR9K Route Switch Processo r wit h 4400 slot Fabric and 6GB	FOC1808N20K	1-Nov-16	31-0ct -21
413704816	A9K-RSP440-TR	ASR9K Route Switch Processo r wit h 4400 slot Fabric and 6GB	FOC1808N2J5	1-Nov-16	31-0ct -21
413704816	A9K-MOD160-AIP-TR	I 3 VPN license for MOD160 Lineca rd, Tra nsport Optim:zed	3661J350386	1-Nov-16	31-0ct -21
413704816	A9K-MOD80-AIP-TR	I 3 VPN license for MOD80 Lineca .rd Tra.nsport Optimized	3661J246569	1-Nov-16	31-0ct -21
413704816	A9K-MOD80-AIP-TR	I 3 VPN license for MOD80 Lineca .rd Tra.nsport Optimized	3661J349EEf	1-No v-16	31-0ct -21
4137048 16	XR-A9K-PXK9-04.03	Cisco IOS XR IP/ MPLSCore Software 30ES		1 -Nov-16	30-Apr-20
413704816	A9K-M OD80-TR=	800 Modular Lineca r d Packe t Tra nsport Optim:zed (s pare)	FOC1842PGT6	1-Nov-16	31-0ct -21
414855056	C68001A-48 FPD	Catal\st 6800 insta nt Access POE~ Switch	FOC2007SOOR	28-f eb-17	31-0ct -21
414855056	C68001A-48 FPD	Catal\st 6800 insta nt Access POE+ Switch	FOC2007S005	28-feb-17	31-0ct-21
413704816	ASR-9006- 0C-V2	ASR9006DCChassis with PEM Vers ion 2	FOX1808 GK57	1-Nov-16	31-0ct -21
413704816	A9K-M 00160-TR	160 G Modular Lineca rd. Pa c ke t Transport Opt im ized	FOC1751N6E6	1-Nov-16	31-0ct -21
413704816	A9K-RSP440-TR	ASR9K Route Switch Processo r wit h 4400 slot Fabric and 6GB	FOC1808N2CE	1-Nov-16	31-0ct -21
413704816	A9K-MOD80-TR	800 Modular Lineca r d Packe t Tra nsport Optim:zed	FOC1743N6S9	1-Nov-16	31-0ct -21
413704816	A9K-MOD80-TR	800 Modular Lineca r d Packe t Tra nsport Optim:zed	FOC1745N1AA	1-No v-16	31-0ct -21
4137048 16	A9K-MPA-20X1GE	ASR900020-port l GE Modular Po rt Adapter	FOC1805N101	1-Nov-16	31-0ct -21
413704816	A9K-MPA-20X1GE	ASR900020-port l GE Modular Po rt Adapter	FOC1805N10S	1-Nov-16	31-0ct -21
413704816	A9K-MPA-20X1GE	ASR900020-port l GE Modular Po rt Adapter	FOC1805N17S	1-Nov-16	31-0ct -21
413704816	A9K-MPA-8X10GE	ASR9000&-port l OGE Modular Po rt Adapter	FOC1807N4RH	1-Nov-16	31-0ct -21
413704816	A9K-MPA-8X10GE	ASR9000&-port l OGE Modular Po rt Adapter	FOC1807N4UC	1-Nov-16	31-0ct -21
413704816	A9K-RSP440-TR	ASR9K Route Switch Processo r wit h 4400 slot Fabric and 6GB	FOC1808N2BR	1-Nov-16	31-0ct -21
413704816	A9K-MOD160-AIP-TR	I 3 VPN license for MOD160 Lineca rd, Tra nsport Optim:zed	3661J13390C	1-Nov-16	31-0ct -21
4137048 16	A9K-MOD80-A1P-TR	I 3 VPN license for MOD80 Lineca .rd Tra.nsport Optimized	3661J552286	1-Nov-16	31-0ct -21
413704816	A9K-MOD80-AIP-TR	I 3 VPN license for MOD80 Lineca .rd Tra.nsport Optimized	3661J474fFO	1-Nov-16	31-0ct -21
413704816	XR-A9K-PXK9-04.03	Cisco IOS XR IP/ MPLSCore Software 30ES		1-No v-16	30-Apr-20
414855056	C68001A-48 FPD	Catal\st 6800 insta nt Access POE+ Switch	FOC2004S3BO	28-f eb-17	31-0ct -21
414855056	C68001A-48 FPD	Catal\st 6800 insta nt Access POE+ Switch	FOC2007S011	28-feb-17	31-0ct-21
413704816	ASR-9006-0C-V2	ASR9006DCChassis with PEM Vers ion 2	FOX 1750GVHJ	1-Nov-16	31-0ct -21
413704816	A9K-MOD160-TR	160 G Modular Lineca rd Pa c ke t Transport Opt im ized	FOC1749N6GS	1-Nov-16	31-0ct -21

413704816	A9K-RSP440-TR	ASR9K Route Switch Processor with 440G/slot Fabric and 6GB	FOC1808N2RS	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-TR	80G Modular Linecard, Packet Transport Optimized	FOC1741N1XE	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-TR	80G Modular Linecard, Packet Transport Optimized	FOC1743N6XA	1-Nov-16	31-Oct-21
413704816	A9K-MPA-20X1GE	ASR 9000 20-port 1GE Modular Port Adapter	FOC1807N11Y	1-Nov-16	31-Oct-21
413704816	A9K-MPA-20X1GE	ASR 9000 20-port 1GE Modular Port Adapter	FOC1807N129	1-Nov-16	31-Oct-21
413704816	A9K-MPA-20X1GE	ASR 9000 20-port 1GE Modular Port Adapter	FOC1807N1B1	1-Nov-16	31-Oct-21
413704816	A9K-MPA-8X10GE	ASR 9000 8-port 10GE Modular Port Adapter	FOC1807N4S8	1-Nov-16	31-Oct-21
413704816	A9K-MPA-8X10GE	ASR 9000 8-port 10GE Modular Port Adapter	FOC1807N4VY	1-Nov-16	31-Oct-21
413704816	A9K-RSP440-TR	ASR9K Route Switch Processor with 440G/slot Fabric and 6GB	FOC1808N2GG	1-Nov-16	31-Oct-21
413704816	A9K-MOD160-AIP-TR	L3 VPN license for MOD160 Linecard, Transport Optimized	3661J13B3E4	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-AIP-TR	L3 VPN license for MOD80 Linecard, Transport Optimized	3661J7E0D53	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-AIP-TR	L3 VPN license for MOD80 Linecard, Transport Optimized	3661J583BB1	1-Nov-16	31-Oct-21
413704816	XR-A9K-PXK9-04.03	Cisco IOS XR IP/MPLS Core Software 3DES		1-Nov-16	30-Apr-20
414855056	C6800IA-48FPD	Catalyst 6800 Instant Access POE+ Switch	FOC2007S01A	28-Feb-17	31-Oct-21
402034252	ASA5510-BUN-K9	^^ASA 5510 Appliance with SW, 5FE,3DES/AES	JMX0939K0K5	1-Nov-16	30-Sep-18
414855056	C6800IA-48FPD	Catalyst 6800 Instant Access POE+ Switch	FOC2007S00W	28-Feb-17	31-Oct-21
413704816	ASR-9006-DC-V2	ASR 9006 DC Chassis with PEM Version 2	FOX1808GRUJ	1-Nov-16	31-Oct-21
413704816	A9K-MOD160-TR	160G Modular Linecard, Packet Transport Optimized	FOC1748N7HZ	1-Nov-16	31-Oct-21
413704816	A9K-RSP440-TR	ASR9K Route Switch Processor with 440G/slot Fabric and 6GB	FOC1808N2R9	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-TR	80G Modular Linecard, Packet Transport Optimized	FOC1741N1YJ	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-TR	80G Modular Linecard, Packet Transport Optimized	FOC1747N6VN	1-Nov-16	31-Oct-21
413704816	A9K-MPA-20X1GE	ASR 9000 20-port 1GE Modular Port Adapter	FOC1805N108	1-Nov-16	31-Oct-21
413704816	A9K-MPA-20X1GE	ASR 9000 20-port 1GE Modular Port Adapter	FOC1805N10D	1-Nov-16	31-Oct-21
413704816	A9K-MPA-20X1GE	ASR 9000 20-port 1GE Modular Port Adapter	FOC1805N172	1-Nov-16	31-Oct-21
413704816	A9K-MPA-8X10GE	ASR 9000 8-port 10GE Modular Port Adapter	FOC1807N4R0	1-Nov-16	31-Oct-21
413704816	A9K-MPA-8X10GE	ASR 9000 8-port 10GE Modular Port Adapter	FOC1807N4U7	1-Nov-16	31-Oct-21
413704816	A9K-RSP440-TR	ASR9K Route Switch Processor with 440G/slot Fabric and 6GB	FOC1808N2JY	1-Nov-16	31-Oct-21
413704816	A9K-MOD160-AIP-TR	L3 VPN license for MOD160 Linecard, Transport Optimized	3661J13BF21	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-AIP-TR	L3 VPN license for MOD80 Linecard, Transport Optimized	3661J6E2735	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-AIP-TR	L3 VPN license for MOD80 Linecard, Transport Optimized	3661J77F15A	1-Nov-16	31-Oct-21
413704816	XR-A9K-PXK9-04.03	Cisco IOS XR IP/MPLS Core Software 3DES		1-Nov-16	30-Apr-20
414855056	C6800IA-48FPD	Catalyst 6800 Instant Access POE+ Switch	FOC2007S01Y	28-Feb-17	31-Oct-21
414855056	C6800IA-48FPD	Catalyst 6800 Instant Access POE+ Switch	FOC2005S6J5	28-Feb-17	31-Oct-21
413704816	ASR-9006-DC-V2	ASR 9006 DC Chassis with PEM Version 2	FOX1810G8L9	1-Nov-16	31-Oct-21
413704816	A9K-MOD160-TR	160G Modular Linecard, Packet Transport Optimized	FOC1807N3F8	1-Nov-16	31-Oct-21
413704816	A9K-RSP440-TR	ASR9K Route Switch Processor with 440G/slot Fabric and 6GB	FOC1808N2Q5	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-TR	80G Modular Linecard, Packet Transport Optimized	FOC1741N1VJ	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-TR	80G Modular Linecard, Packet Transport Optimized	FOC1741N214	1-Nov-16	31-Oct-21
413704816	A9K-MPA-20X1GE	ASR 9000 20-port 1GE Modular Port Adapter	FOC1807N0U1	1-Nov-16	31-Oct-21
413704816	A9K-MPA-20X1GE	ASR 9000 20-port 1GE Modular Port Adapter	FOC1807N15H	1-Nov-16	31-Oct-21
413704816	A9K-MPA-20X1GE	ASR 9000 20-port 1GE Modular Port Adapter	FOC1807N1C7	1-Nov-16	31-Oct-21

4137048 16	A9K-M PA-8X1 0GE	ASR9000&-port l OGE Modular Po rt Adapter	FOC1807N4P E	1-Nov-16	31-0ct -21
413704816	A9K-M PA-8X1 0GE	ASR 9000&-port l l OGE Modular Po rt Adapter	FOC1807N 4V9	1-Nov-16	31-0ct -21
413704816	**A9K-RSP440-TR**	ASR91(Route Switch Processor with 4400/ s ot Fabric and 6GB	FOC1808N2J W	1-Nov-16	31-0ct -21
413704816	A9K-MO D160-Al P-TR	l 3 VPN lice nse for MOC160 Lineca rd. Tra nspon Opti m:zed	36S1J66D3FE	1-Nov-16	31-0ct -21
413704816	A9K-MO D80-A1P-TR	l 3 VPN lice nse for MOC80 Lineca rd Tra ns po rt Op t m ized	36SIJ87n F9	1-Nov-16	31-0ct -21
413704816	A9K-MO D80-A1P-TR	l 3 VPN lice nse for MOC80 Lineca rd. Tra ns po rt Op t m ized	36S1J3 EA158	1- Nov-16	31-0ct -21
413704816	XR-A91<-P XK9-04 03	Cisco IOS XR IP/ MPLSCore Softwa re 30 ES		1-No v-16	30-Apr-20
414855056	C68001A-48 FPD	Catal\ st 6800 nsta nt Access POE+ Switch	FOC2007S03 W	28-f eb-17	31-0ct -21
414855056	C68001A-48 FPD	Catal\ st 6800 nsta nt Access POE+ Switch	**FOC2007S03Q**	28-f eb-17	31-0ct -21
4137048 16	**ASR-9006-0C-V2**	ASR 9006DCChassis with PEM Vers ion 2	FOX1810G8 LN	1-Nov-16	31-0ct -21
413704816	A9K-MO D160- TR	160G Mod ula r Lineca rd. Packe t Transpo rt Opt im ized	FOC1807N3 ES	1-Nov-16	31-0ct -21
413704816	**A9K-RSP440-TR**	ASR91(Route Switch Processor with 4400/ s ot Fabric and 6GB	**FOC1808N2JQ**	1-Nov-16	31-0ct -21
413704816	A9K-MO D80-TR	800 Modu lar Lineca r d Packe t Tra nspon Opti m zed	FOC1741N1 VT	1-Nov-16	31-0ct -21
413704816	A9K-MO D80-TR	800 Modu lar Lineca r d Pa cke t Tra nspon Opti mized	FOC1743N6XH	1-Nov-16	31-0ct -21
413704816	A9K-M PA-20X1GE	ASR 900020-port l GE Modular Po rt Adapter	FOC1807NOW E	1-Nov-16	31-0ct -21
413704816	A9K-M PA-20X1GE	ASR 900020-port l GE Modular Po rt Adapter	FOC1807NOW N	1-Nov-16	31-0ct -21
413704816	A9K-M PA-20X1GE	ASR 900020-port l GE Modular Po rt Adapter	FOC1807NO ZO	1-Nov-16	31-0ct -21
413704816	A9K-M PA-8X1 0GE	ASR 9000&-port l OGE Modular Po rt Adapter	FOC1807N4NB	1-Nov-16	31-0ct -21
413704816	A9K-M PA-8X1 0GE	ASR 9000&-port l OGE Modular Po rt Adapter	FOC1807N 4VH	1-Nov-16	31-0ct -21
413704816	**A9K-RSP440-TR**	ASR91(Route Switch Processor with 4400/ s ot Fabric and 6GB	FOC1806N632	1-Nov-16	31-0ct -21
413704816	A9K-MO D160-Al P-TR	l 3 VPN lice nse for MOC160 Lineca rd. Tra nspon Opti m:zed	36S1J50561B	1-Nov-16	31-0ct -21
413704816	A9K-MO D80-A1P-TR	l 3 VPN lice nse for MOC80 Lineca rd. Tra ns po rt Op t m ized	36S1J00909D	1-Nov-16	31-0ct -21
413704816	A9K-MO D80-A1P-TR	l 3 VPN lice nse for MOC80 Lineca rd. Tra ns po rt Op t m ized	36S1J65 FAF1	1-No v-16	31-0ct -21
413704816	XR-A91<-P XK9-04 03	Cisco IOS XR IP/MPLSCore Softwa re 30ES		1 -Nov-16	30-Apr-20
414855056	C68001A-48 FPD	Catal\ st 6800 nsta nt Access POE+ Switch	FOC2007S09	28-feb-17	31-0ct-21
414855056	C68001A-48 FPD	Catal\ st 6800 nsta nt Access POE+ Switch	**FOC2004S2DY**	28-f eb-17	31-0ct -21
4137048 16	**ASR-9006-0C-V2**	ASR 9006DCChassis w l h PEM Vers ion 2	FOX1808G K4 X	1-Nov-16	31-0ct -21
413704816	A9K-MO D160- TR	160G Mod ula r Lineca rd. Packe t Transpo rt Opt im ized	FOC1751N6 FU	1-Nov-16	31-0ct -21
413704816	**A9K-RSP440-TR**	ASR91(Route Switch Processor with 4400/ s ot Fabric and 6GB	**FOC1808N2RS**	1-Nov-16	31-0ct -21
413704816	A9K-MO D80-TR	800 Modu lar Linecat d Packe t Tra nspon Opti m zed	FOC1743N6 XB	1-Nov-16	31-0ct -21
413704816	A9K-MO D80-TR	800 Modu lar Lineca r d Pa cke t Tra nspon Opti mized	FOC1747N1SP	1-Nov-16	31-0ct -21
413704816	A9K-M PA-20X1GE	ASR 900020-port l GE Modular Po rt Adapter	**FOC1805N12Q**	1-Nov-16	31-0ct -21
413704816	A9K-M PA-20X1GE	ASR 900020-port l GE Modular Po rt Adapter	FOC180 5 N1AK	1-Nov-16	31-0ct -21
413704816	A9K-M PA-20X1GE	ASR 900020-port l GE Modular Po rt Adapter	**FOC1805N1DD**	1-Nov-16	31-0ct -21
413704816	A9K-M PA-8X1 0GE	ASR 9000&-port l OGE Modular Po rt Adapter	FOC1807N4R8	1-Nov-16	31-0ct -21
413704816	A9K-M PA-8X1 0GE	ASR 9000&-port l OGE Modular Po rt Adapter	FOC1807N 4U6	1-Nov-16	31-0ct -21
413704816	**A9K-RSP440-TR**	ASR91(Route Switch Processor with 4400/ s ot Fabric and 6GB	FOC1808N2J2	1-Nov-16	31-0ct -21
413704816	A9K-MO D160-Al P-TR	l 3 VPN lice nse for MOC160 Lineca rd. Tra nspon Opti m:zed	36S1J7204E8	1-No v-16	31-0ct -21
413704816	A9K-MO D80-A1P-TR	l 3 VPN lice nse for MOC80 Lineca rd. Tra ns po rt Op t m ized	36S1J 5C3AC3	1-Nov-16	31-0ct -21
413704816	A9K-MO D80-A1P-TR	l 3 VPN lice nse for MOC80 Lineca rd. Tra ns po rt Op t m ized	36S1J6 AA894	1-Nov-16	31-0ct -21
413704816	XR-A9K-PXK9-04 03	Cisco IOS XR IP/ MPLSCore Softwa re 30 ES		1-No v-16	30-Apr-20

414855056	C6800IA-48FPD	Catalyst 6800 Instant Access POE+ Switch	FOC2005S6GS	28-Feb-17	31-Oct-21
402034252	ASA5510-BUN-K9	^^ASA 5510 Appliance with SW, 5FE,3DES/AES	JMX0939K0K9	1-Nov-16	30-Sep-18
414855056	C6800IA-48FPD	Catalyst 6800 Instant Access POE+ Switch	FOC2003S17M	28-Feb-17	31-Oct-21
413704816	ASR-9006-DC-V2	ASR 9006 DC Chassis with PEM Version 2	FOX1809GEA5	1-Nov-16	31-Oct-21
413704816	A9K-RSP440-TR	ASR9K Route Switch Processor with 440G/slot Fabric and 6GB	FOC1808N2A1	1-Nov-16	31-Oct-21
413704816	A9K-RSP440-TR	ASR9K Route Switch Processor with 440G/slot Fabric and 6GB	FOC1808N2BT	1-Nov-16	31-Oct-21
413704816	A9K-MOD160-TR	160G Modular Linecard, Packet Transport Optimized	FOC1751N6DS	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-TR	80G Modular Linecard, Packet Transport Optimized	FOC1741N1WA	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-TR	80G Modular Linecard, Packet Transport Optimized	FOC1741N1Z3	1-Nov-16	31-Oct-21
413704816	A9K-MPA-20X1GE	ASR 9000 20-port 1GE Modular Port Adapter	FOC1807N0W2	1-Nov-16	31-Oct-21
413704816	A9K-MPA-20X1GE	ASR 9000 20-port 1GE Modular Port Adapter	FOC1807N0XV	1-Nov-16	31-Oct-21
413704816	A9K-MPA-20X1GE	ASR 9000 20-port 1GE Modular Port Adapter	FOC1807N1B3	1-Nov-16	31-Oct-21
413704816	A9K-MPA-8X10GE	ASR 9000 8-port 10GE Modular Port Adapter	FOC1807N4V5	1-Nov-16	31-Oct-21
413704816	A9K-MPA-8X10GE	ASR 9000 8-port 10GE Modular Port Adapter	FOC1807N4VN	1-Nov-16	31-Oct-21
413704816	A9K-MOD160-AIP-TR	L3 VPN license for MOD160 Linecard, Transport Optimized	3661J15E7A4	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-AIP-TR	L3 VPN license for MOD80 Linecard, Transport Optimized	3661J6E1F41	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-AIP-TR	L3 VPN license for MOD80 Linecard, Transport Optimized	3661J5E42A7	1-Nov-16	31-Oct-21
413704816	XR-A9K-PXK9-04.03	Cisco IOS XR IP/MPLS Core Software 3DES		1-Nov-16	30-Apr-20
414855056	C6800IA-48FPD	Catalyst 6800 Instant Access POE+ Switch	FOC2003S162	28-Feb-17	31-Oct-21
414855056	C6800IA-48FPD	Catalyst 6800 Instant Access POE+ Switch	FOC2007S02Y	28-Feb-17	31-Oct-21
413704816	ASR-9006-DC-V2	ASR 9006 DC Chassis with PEM Version 2	FOX1810G8LE	1-Nov-16	31-Oct-21
413704816	A9K-MOD160-TR	160G Modular Linecard, Packet Transport Optimized	FOC1807N3F1	1-Nov-16	31-Oct-21
413704816	A9K-RSP440-TR	ASR9K Route Switch Processor with 440G/slot Fabric and 6GB	FOC1808N2QP	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-TR	80G Modular Linecard, Packet Transport Optimized	FOC1741N1Z4	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-TR	80G Modular Linecard, Packet Transport Optimized	FOC1741N216	1-Nov-16	31-Oct-21
413704816	A9K-MPA-20X1GE	ASR 9000 20-port 1GE Modular Port Adapter	FOC1807N0T2	1-Nov-16	31-Oct-21
413704816	A9K-MPA-20X1GE	ASR 9000 20-port 1GE Modular Port Adapter	FOC1807N0T3	1-Nov-16	31-Oct-21
413704816	A9K-MPA-20X1GE	ASR 9000 20-port 1GE Modular Port Adapter	FOC1807N1BF	1-Nov-16	31-Oct-21
413704816	A9K-MPA-8X10GE	ASR 9000 8-port 10GE Modular Port Adapter	FOC1807N4PF	1-Nov-16	31-Oct-21
413704816	A9K-MPA-8X10GE	ASR 9000 8-port 10GE Modular Port Adapter	FOC1807N4PX	1-Nov-16	31-Oct-21
413704816	A9K-RSP440-TR	ASR9K Route Switch Processor with 440G/slot Fabric and 6GB	FOC1808N2GA	1-Nov-16	31-Oct-21
413704816	A9K-MOD160-AIP-TR	L3 VPN license for MOD160 Linecard, Transport Optimized	3661J763EC8	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-AIP-TR	L3 VPN license for MOD80 Linecard, Transport Optimized	3661J64A7D7	1-Nov-16	31-Oct-21
413704816	A9K-MOD80-AIP-TR	L3 VPN license for MOD80 Linecard, Transport Optimized	3661J617BEA	1-Nov-16	31-Oct-21
413704816	XR-A9K-PXK9-04.03	Cisco IOS XR IP/MPLS Core Software 3DES		1-Nov-16	30-Apr-20
414855056	C6800IA-48FPD	Catalyst 6800 Instant Access POE+ Switch	FOC2007S044	28-Feb-17	31-Oct-21
414855056	C6800IA-48FPD	Catalyst 6800 Instant Access POE+ Switch	FOC2007S04S	28-Feb-17	31-Oct-21
413704816	ASR1006	Cisco ASR1006 Chassis, Dual P/S	FXS1910Q59J	1-Nov-16	31-Oct-21
413704816	ASR1000-SIP40	Cisco ASR1000 SPA Interface Processor 40		1-Nov-16	31-Oct-21
413704816	SPA-1X10GE-L-V2	Cisco 1-Port 10GE LAN-PHY Shared Port Adapter		1-Nov-16	31-Oct-21
413704816	SPA-8X1GE-V2	Cisco 8-Port Gigabit Ethernet Shared Port Adapter		1-Nov-16	31-Oct-21

41 370 4816	ASR1000-ESP40	Cisco ASR1000 Embe dde d Serv ice s Proce ssor 400	JAE191600TE	1- Nov-16	31-0 ct-21
413704816	ASR1000 -ESP40	Cisco ASR1000 Embe dd e d Serv ice s Proces sor 400	JAE191600 TC	1- Nov-16	31-0 ct-21
413704816	ASR1000-RP2	Cisco ASR1000 Ro ut e Pro ce sso r 2. 8G B ORAM	JAE19130240	1-Nov-16	31-0 ct-21
413704816	ASR1000-RP2	Cisco ASR1000 Ro ut e Pro ce sso r 2. 8G B ORAM	JAE1911 0AJF	1- Nov-16	31-0 ct-21
413704816	ASR1000-SP40	Cisco ASR1000 SP Ainterfac e Processor 40	JAE191307EB	1-Nov-16	31-0 ct-21
413704816	ASR1000-S P40	Cisco ASR1000 SP Ainterfac e Processor 40	JAE191307 FB	1- Nov-16	31-0 ct-21
413704816	SPA-1X10G E-L-V2	Cis co 1 -Po rt 10GE LAN-PHYSha red Po rt Adapter	SAI 191 2C3SM	1- Nov-16	31-0 ct-21
413704ill 6	SPA-1XI OGE-L-VZ	Ci><O 1-Pon I OGE IAN-PHYShored Pon Adi pttr	SAIl n ZC3RL	1- Nov-16	31-0ct-ZI
41 370 48 16	SP A-1X10G E-L-V2	Cis co 1 -Po rt 10GE LAN-PHYSha red Po rt Adapter	SAI1 912C3QY	1- Nov-16	31-0 ct-21
413704816	SPA-1X10G E-L-V2	Cis co 1 -Po rt 10GE LAN-PHYSha red Po rt Adapter	SAI1 912C3RJ	1 - Nov-16	31-0 ct-21
413704816	SPA SX1G E-V2	Cisco &-Po rt Giga bit Ethe rn et Shared Port Adapter	SAI 19118GGZ	1- Nov-16	31-0 ct-21
413704816	SPA SX1G E-V2	Cisco &-Po rt Giga bit Ethe rn et Shared Port Adapter	SAI 1909ACYH	1 - Nov-16	31-0 ct-21
413704816	SASR1R2-AISK9-31 3S	Cis co ASR 1000 Series R P2 ADVANCED IPSERV ICES		1- Nov-16	31-Aug-21
413704816	SPA-1X10G E-L-V2	Cis co 1 -Po rt 10GE LAN-PHYSha red Po rt Adapter		1-Nov-16	31-0 ct-21
413704816	ASR1000-RP2	Cisco ASR1000 Ro ut e Pro ce sso r 2 8G B ORAM		1 - Nov-16	31-0 ct-21
414855056	C6800IA-48 FPO	Catal st 6800 nsta nt Access POE Switc h	FOC2007SOOT	28-f eb-17	31-0 ct -21
421 000237	AJR-CTS508-100-K9	Cisco 5508 Se ries Wireless Controlle r for up to 100 APs	FC 15 30 LOJH	1- Nov-16	31-0 ct-21
421 000237	AJR-CTS508-100-K9	Cisco 5508 Se ries Wireless Controlle r for up to 100 APs	FC 15 30 LOJT	1- Nov-16	31-0 ct-21
420 736802	FP8250-K9	Cisco Fire POWER 8250 Chas s is 2 U 7 Slots	1403210020006 5-1-C	1-Nov-16	31-0 ct-20
420 736802	FP8250-K9	Cisco Fire POWER 8250 Chas s is 2 U 7 Slots	S1409120010011 5-1-C	1-Nov-16	31-0 ct-20
420 736802	FP8250-K9	Cisco Fire POWER 8250 Chas s is 2 U 7 Slots	JMX1916808N	1-Nov-16	31-0 ct-20
414855056	C6800IA-48 FPO	Catal st 6800 nsta nt Access POE Switc h	FOC2007S01G	28-f eb-17	31-0 ct -21
414 855056	C6800IA-48 FPO	Catal st 6800 nsta nt Access POE Switc h	FOC2007S039	28-f eb-17	31-0 ct -21
402034 252	ASA5510-BUN-K9	M ASA 5510 Appliance wit h SW, 5FE3DES AES	J MX0939 KONC	1 - Nov-16	30-Sep-18
414855056	C6800IA-48 FPO	Catal st 6800 nsta nt Access POE Switc h	FOC2007S03 K	28 -f eb-17	31- 0 ct -21
414 855()56	C68001A-48FPD	catal st 6800 instant Acc e ss POETSwitch	FOC2007S03Y	28-f eb -17	31- Oct - 21
41 4 8 5 5056	C6800 IA-48 FPO	Catal st 6800 nsta nt Access POE Switc h	FOC2007S03 Z	28 -f eb-17	31-0 ct -21
414 855056	C6800IA-48 FPO	Catal st 6800 nsta nt Access POE Switc h	FOC2007S03G	28 -f eb-17	31-0 ct -21
414 855056	C6800IA-48 FPO	Catal st 6800 nsta nt Access POE Switc h	FOC2004S2CC	28-f eb-17	31-0 ct -21
414 855056	C6800IA-48 FPO	Catal st 6800 nsta nt Access POE Switc h	FOC2007SOOX	28 -f e b -17	31 - 0 ct -21
41 4 8 5 5056	C6800 IA-48 FPO	Catal st 6800 nsta nt Access POE Switc h	FOC2007S03 N	28-f eb-17	31-0 ct-21
4148 55056	C6800IA-48 FPO	Catal st 6800 nsta nt Access POE Switc h	FOC2007SOOE	28 -f eb-17	31-0 ct -21
402034 252	ASA5510-BUN-K9	M ASA 5510 Appliance wit h SW, 5FE3DES AES	J MX0939 KONO	1- Nov-16	30-Sep-18
414855056	C6800IA-48 FPO	Catal st 6800 nsta nt Access POE Switc h	FOC2007S033	28-f eb-17	31-0 ct -21
414 855056	C6800IA-48 FPO	Catal st 6800 nsta nt Access POE Switc h	FOC2004S29 E	28-f eb-17	31-0 ct -21
414 855056	C6800IA-48 FPO	Catal st 6800 nsta nt Access POE Switc h	FOC2007S006	28-feb-17	31-0 ct-21
4148 55056	C6800IA-48 FPO	Catal st 6800 nsta nt Access POE Switc h	FOC2007SOOB	28 -f e b-17	31- 0 ct -21
41 4 8 5 5056	C6880-X-LE	Cis co Catal st 6880- X-Ch ass is (Stan d ard Tables)	SAL2004 XP48	7- Ma r-17	31-0 ct -21
414 8 55056	C6880-X-LE	Cis co Catal st 6880- X-Ch ass is (Stan d ard Tables)	SAL200SXYBE	7-Mar-17	31-0 ct-21
402034252	ASA5510-BUN-K9	M ASA 5510 Appliance wit h SW, 5FE3DES AES	JMX0939K0KA	1- Nov-16	30-Sep-18
402001090	ASA5510-BUN-K9	M ASA 5510 Appliance wit h SW, 5FE3DES AES	J MX1225L07A	1-Nov-16	30-Sep-18

40203 4252	ASA5510 -8 UN-K9	""ASA 5S10 Applianc e wit h SW, 5FE30 ES/AES	FMX0939 KOKM	1 - Nov-16	30-Sep-18
402001000	WS-C3750 X-12S -S	Catalyst 3750X12 PortGESdP IP Base	F00 1618Z0PU	1 - Nov-16	31-0 ct-21
402001000	WS-C3750 X-12S -S	Catalyst 3750X12 PortGESfP IP Base	FD0161 8Ø S8	1 - Nov-16	31-0 ct-21
402034252	ASA5510 -8 UN-K9	""ASA 5S10 Applianc e wit h SW, 5FE30 ES/AES	FMX0939KOKW	1 - Nov-16	30-Sep-18
4020010'90	CISC03925-SEC/K9	Cisco 3925 Security Bundlew/SEClicensePAK	FTX162 1 AH7S	1 - Nov-16	31-0ct-21
4180/52031	AIR-CAP15 521- A-K9	802 II N Outdoor Mesh Access Point Int Ant A Reg Domain	FTX1748 POEJ	1 -Jan-17	31 -Mar-21
4180/52031	AIR-CAP15 521- A-K9	802 II N Outdoor Mesh Access Point Int Ant A Reg Domain	FTX1748POEK	1 -Jan-17	31 -Mar-21
4180 52031	AIR-CAP15 52 E-A-K9	802 II N Outdoor Mesh Access Point Ext Ant A Reg Domain	FTX1748 POER	1-Jan-17	31-Mar-21
4180 52031	AIR-CAP15 52 E-A-K9	802 II N Outdoor Mesh Access Point Ext Ant A Reg Domain	FTX1748 POEM	1-Jan-17	31-Mar-21
4180 52031	AIR-CAP15 52 E-A-K9	802 II N Outdoor Mesh Access Point Ext Ant A Reg Domain	FTXI748POEQ	1 -Jan-17	31 -Mar-21
4180/52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant, A Reg Domain	FTX174971 VU	1 -Jan-17	31-0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant, A Reg Domain	FTX174971 W J	1 -Jan-17	31 - 0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant A Reg Domain	FTX174971 VX	1 -Jan-17	31 - 0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant A Reg Domain	FTX174971 >TO	1-Jan-17	31-0 ct -21
4180 52031	AIP-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir Int Ant, A Reg Domain	FTX174971 VK	1 -Jan-17	31- 0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir Int Ant A Reg Domain	FTX174971 VM	1 -Jan-17	31 - 0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir Int Ant, A Reg Domain	FTX174971 VR	1-Jan-17	31-0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant, A Reg Domain	FTX174971VT	1-Jan-17	31-0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant, A Reg Domain	FTX174971 W1	1 -Jan-17	31 - 0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir Int Ant, A Reg Domain	FTX174971 VN	1-Jan-17	31-0 ct-21
4180/52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant, A Reg Domain	FTX174971 W	1 -Jan-17	31 - 0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant, A Reg Domain	FTX174971 VY	1 -Jan-17	31 - 0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant, A Reg Domain	FTX174971 W3P	1-Jan-17	31-0 ct-21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant, A Reg Domain	FTX174971 W2	1 -Jan-17	31 - 0 ct -21
4180 52031	AIR-O P3702I-A-K9	802 II ac Ctrlr AP 4 x 4:3SSw Clearwr, Int Ant, A Reg Domain	FTX174971WS	1-Jan-17	31-0ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant, A Reg Domain	FTX174971 W9	1 -Jan-17	31 - 0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir Int Ant, A Reg Domain	FTX174971 WF	1 -Jan-17	31 - 0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant, A Reg Domain	FTX174971W JR	1-Jan-17	31-0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir Int Ant, A Reg Domain	FTX174971 WH	1-Jan-17	31-0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant, A Reg Domain	FTX174971 WM	1 -Jan-17	31 - 0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant, A Reg Domain	FTX174971 WN	1-Jan-17	31-0 ct-21
4180/52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir Int Ant, A Reg Domain	FTX174971 WS	1-Jan-17	31-0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant A Reg Domain	FTX174971 VS	1-Jan-17	31-0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir, Int Ant, A Reg Domain	FTX174971 W4	1 -Jan-17	31 - 0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir Int Ant, A Reg Domain	FTX174971 W6	1 -Jan-17	31 - 0 ct -21
402001000	WS-C3750 X- 24 T-S	Catalyst 3750X24 Port Data IP Base	FD01615 V OGG	1- Nov-16	31-0 ct-21
4180/52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir Int Ant, A Reg Domain	FTX174971W7	1-Jan-17	31-0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir Int Ant, A Reg Domain	FTX174971 Wt	1 -Jan-17	31 - 0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir Int Ant A Reg Domain	FTX174971 W3	1 -Jan-17	31 - 0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir Int Ant, A Reg Domain	FTX174971 WX	1 -Jan-17	31 - 0 ct -21
4180 52031	AIR-CAP3 702I- A-K9	802 II ac Ctrlr AP4><4 3 SSw CleanAir Int Ant, A Reg Domain	FTX174971 WX	1 -Jan-17	31 - 0 ct -21

4180 520 31	AIR-CAP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 XS	1-Ja n-17	31-0 ct -21
4180 520 31	AIR-CAP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 VJC	1 -Ja n-17	31- 0 ct -21
4180 520 31	AIR-C AP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 VP	1 -Ja n-17	31 - 0 ct -21
4180 520 31	AIR-CAP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 97 1XA	1 -Ja n-17	31-0 ct -21
4180 520 31	AIR-CAP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 W W	1-Ja n-17	31-0 ct -21
4180 52031	AIR-CAP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 WY	1 -Ja n-17	31 - 0 ct -21
4180 5 20 31	AIR-CAP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 WZ	1 -Ja n-17	31 - 0 ct -21
4180 520 31	AIR-C AP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 97 1XO	1-Ja n-17	31-0 ct -21
4180 52031	AIR-CAP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971X3	1 -Ja n-17	31 - 0 ct -21
4180 520 31	AIR-CAP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 WT	1 -Ja n-17	31 - 0 ct -21
4180 520 31	AIR-CAP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 WG	1 -Ja n-17	31 - 0 ct -21
4180 520 31	AIR-CAP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 WQ	1 -Ja n-17	31 - 0 ct -21
4180 520 31	AIR-C AP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 WN	1 -Ja n-17	31- 0 ct -21
4180 520 31	AIR-C AP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 X7	1-Ja n-17	31-0 ct -21
4180 520 31	AIR-C AP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 WL	1 -Ja n-17	31 - 0 ct -21
420077176	WS-C 3750X-12 S-S	Cata lyst 3750 X 12 Port GE SFP IP Base	FDO1630Z0QH	1- Nov-16	31-0 ct -21
4150 520 31	AIR-CAP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 WD	1 -Ja n-17	31 - 0 ct -21
4180 520 31	AIR-C AP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 W9	1 -Ja n-17	31 - 0 ct -21
4180 520 31	AIR-C AP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 X1	1 -Ja n-17	31 - 0 ct -21
4180 520 31	AIR-CAP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 X6	1-Ja n-17	31-0 ct -21
4180 520 31	AIR-C AP3702 I- A-K9	802 II ac Ctrlr AP4x4 3SSw/C lea nAir. Int Ant. A Reg Domain	FTX17 4 971 VL	1-Ja n-17	31-0 ct -21
412 340976	CISCO 2911 K9	Cisco 2911 w/3 GE4 EHWIC 2 OSP 1 SM 256MB CF 512MB ORAM IPB	FTX1633 AJ68	1- Nov-16	31-0 ct -21
40203 4252	ASA5510-BUN-K9	MASA 5S10 Appliance wit h SW, 5 FE 30 ES/AES	J MX0939KOK2	1 -Nov-16	30-Sep -18
40200109 6	CISCO 2911 K9	Cisco 2911 w 3 GE4 EHWIC 2 OSP 1 SM 256MB CF 512MB ORAM IPB	FTX1636A 16Q	1 - Nov-16	31 - 0 ct -21
4180 520 31	CS-E340W- M32 - A- K9	Cisco Edge340 DMP Wi-Fi 2G Mem 32G SS0.1G E PO A Region	FOC1928 W 15T	31-Aug-17	31-Jul-21
4180 520 31	CS-E340W-M32-A-K9	Cisco Edge340 DMP Wi-Fi 2G Mem 32G SS0.1G E PO A Region	FOC1928 W15Z	31-Aug-17	31-Jul-21
4180 520 31	CS-E340W-M32-A-K9	Cisco Edge340 DMP Wi-Fi 2G Mem 32G SS0 1G E PO A Region	FOC1928 W119	31-Aug-17	31-Jul-21
40200109 8	CISCO 2911 K9	Cisco 2911 w/3 GE4 EHWIC 2 OSP 1 SM 256MB CF 512MB ORAM IPB	FTX1636A 16H	1 - Nov -16	31 - 0 ct -21
4180 520 31	WS-C 6509-E	Cata lyst 6500 Enh anced 9-s ot chass is 14RU no PS no Fan Tray	SMG1227N1 K8	11 - N ov-16	31- 0 ct -21
40200109 9	CISCO 2911 K9	Cisco 2911 w/3 GE4 EHWIC 2 OSP 1 SM 256MB CF 512MB ORAM IPB	FTX1636A 16T	1 - Nov-16	31 - 0 ct -21
4150 520 31	WS-C6 509 -E	Cata lyst 6500 Enh anced 9-s ot chass is 14RU no PS no Fan Tray	SMG1204 N25M	11 - N ov -16	31- 0 ct -21
40203 4 252	ASA5510 -BUN-K9	MASA 5S10 Appliance wit h SW, 5 FE 30 ES/AES	J MX0939KOPN	1- Nov-16	30-Sep -18
40200109 0	CISCO 2911 K9	Cisco 2911 w/3 GE4 EHWIC 2 OSP 1 SM 256MB CF 512MB ORAM IPB	FTX1636A 16 R	1- Nov-16	31-0 ct -21
40200109 8	CISCO 2911 K9	Cisco 2911 w/3 GE4 EHWIC 2 OSP 1 SM 256MB CF 512MB ORAM IPB	FTX1636A 176	1 - Nov-16	31 - 0 ct -21
413 040897	WS-C2960G -24TC-L	"Ca talyst 2960 24 10/100/1000 4 T/SFP LAN Base Image	FOC1643V288	1- Nov-16	31-Jul-17
414342276	CISCO 1921 K9	C1921 Modular Router 2 GE 2 EHWIC slots 512 0 RAM IP Base	FTX17038 5JQ	1- Nov-16	31-0 ct -21
2001292788	WS-C2960G -8TC-I	"Ca talyst 2960 710/100/1000 + 1 T/SFP LAN Bas e	FOC 1 7062283	1-Nov-16	31-Jul-18
2001292788	WS-C2960G -8TC-I	"Ca talyst 2960 710/100/1000 + 1 T/SFP LAN Bas e	FOC170622 7J	1- Nov-16	31- Jul-18
420077176	WS-C3750X-48 I-L	Cata lyst 3750X 48 Port Da ta LAN Base	F061711P1 R	1 - Nov-16	31 - 0 ct -21
40203 4 252	ASA5510 -BUN-K9	MASA 5S10 Appliance wit h SW, 5 FE 30 ES/AES	J MX0939KOKS	1 - Nov-16	30 -Sep-18
137074879	WS-C296 0S-24TS-L	Cata lyst 2960S 24 G'igE 4 x SFP LAN Base	FOC1 719W4AG	1-Nov-16	30-Nov-20

414&55056	WS-C3750 X-48 P-S	Catal st 3750X48 Port Po E IP Base	FOOI 7242205	I- Nov-16	31-0 ct-21
414&55056	WS-C 37S0 X-48 P-S	Catal st 3750X48 Port Po E IP Base	FD0172 5 RI 2 L	I- Nov-16	31-0 ct-21
414&55056	WS-C 37S0 X-48 P-S	Catal st 3750X48 Port Po E IP Base	FD0172 5 RI 4R	I- Nov-16	31-0 ct-21
414&55056	WS-C37SOX-48 P-S	Catal st 3750X48 Port Po E IP Base	FD0172 5 HUS	I -Nov-16	31-0 ct-21
4020342S2	ASA5510-BUNK9	MASA 5S10 Appliance with SW 5FE30 ES/AE5	JMX0939KOKG	I- Nov-16	30-Sep-18
414&55056	CISC02911/K9	Cisco 2911 w 3 GE4 EHWIC 2 OSP.1 SM 256M8 CF S12MB ORAM IPB	FTX173 2AH1E	I- Nov-16	31-0 ct-21
414&55056	CISC02911/K9	Cisco 2911 w 3 GE4 EHWIC 2 OSP.1 SM 256M8 CF S12MB ORAM IPB	FTX173 2AH1K	I- Nov-16	31-0 ct-21
414&55056	CISC02911/K9	Cisco 2911 w 3 GE4 EHWIC 2 OSP.1 SM 256M8 CF S12MB ORAM IPB	FTX173 2AH1N	I- Nov-16	31-0 ct-21
4020342S2	ASA5510-BUNK9	MASA 5S10 Appliance with SW 5FE30 ES/AE5	JMX0939KOK U	I- Nov-16	30-Sep-18
414&55056	ASA5525-K9	ASA 5S2S-X with SW 8GE Data 1 GE Mgmt AC 3DES/AES	FGL1731 4258	I- Nov-16	31-0 ct-21
413704816	C3945-VSEC/K9	Cisco 3945 Voice Sec Bundle PVDM3-6.4 UC&SEC Lic FL-CUBE25	FTXI738AI60	I-Nov-16	31-0 ct-21
4137048 16	WS-C S0-24T-E	Cisco Catal st 3SS024 Port Data IP Services	FOC1733X0M7	I- Nov-16	31-0 ct-21
4020342S2	ASA5510-BUNK9	MASA 5S10 Appliance with SW 5FE30 ES/AE5	JMX0939KO KT	I- Nov-16	30-Sep-18
413704816	WS-C S0-24T-E	Cisco Catal st 3SS024 Port Data IP Services	FOC1733U OJT	I - Nov-16	31-0 ct-21
418824873	CISC02911-SEC/1(9	Cisco 2911Security Bundle w SEC license PAK	FTX1809 AJPV	I - Nov-16	31-0 ct-21
4020342S2	ASA5520-BUNK9	MASA 5S20 Appliance with SW HA, 4GE+I FE 30 ES/AES	JMX0939KON J	1-Nov-16	30-Sep-18
40902n 31	ASA551 2-K9	ASA 5S12-X with SW 6GE Data 1 GE Mgmt AC 3DES/AES	FTX1817110 S	I - Nov-16	31-0 ct-21
40902n 31	WS-C37S0X-48 P-S	Catal st 3750X48 Port Po E IP Base	FD01813P 1J2	I- Nov-16	31-0 ct-21
2718927	WS-G7SO-I2S -S	Catal st 3750X1 2 Port GESFP IP Base	FD01818RONS	I- Nov-16	31-0 ct-21
4020342S2	ASA5510-BUNK9	MASA 5S10 Appliance with SW 5FE30 ES/AES	JMX0939KOK7	I- Nov-16	30-Sep-18
2000173966	WS-C37S0X-48 P-S	Catal st 3750X48 Port Po E IP Base	FD0182 52249	I- Nov-16	31-0 ct-21
414&55056	CISC02911/K9	Cisco 2911 w 3 GE4 EHWIC 2 OSP.1 SM 256M8 CF S12MB ORAM IPB	FGL1S3 710BS	I- Nov-16	31-0 ct-21
41S7 6S180	WS-C2960-24TC-L"JS	Cat2960 24 10/ 100/ 1000, 4 T/SFP LAN Base Image REFURBISHED	FOC12S2U25 C	I - Nov-16	31-0 ct-21
414342276	IR809G-LTE-NA-K9	809 Industrial ISR 4G/LTE multimode ATT/Canada	JMX2004X047	27 -Jan-17	31-0 ct -21
40200109 0	WS-C6509-E	Catalyst 6500 Enhanced 9-slot chassis;1 4RU;no PS no Fan Tray	SMG1227N1 KX	I - Nov-16	31-0 ct-21
4020342S2	ASA5510-BUNK9	MASA 5S10 Appliance with SW 5FE30 ES/AES	JMX0939KOK 3	I- Nov-16	30-Sep-18
4180 52031	C6832- X-LE	Cisco Catalyst 6&32-X-Chassis (Standard Tables)	FD02022 I OOW	11 - Nov -16	31- 0 ct -21
4180 52031	C68 3 2- X-LE	Cisco Catalyst 6&32-X-Chassis (Standard Tables)	FD02022 I610	11 - Nov -16	31- 0 ct -21
4180 52031	C68 3 2- X-LE	Cisco Catalyst 6&32-X-Chassis (Standard Tables)	FD02022 I61 5	11 - Nov -16	31- 0 ct -21
4180 52031	C68 3 2- X-LE	Cisco Catalyst 6&32-X-Chassis (Standard Tables)	FD02022 I61 C	11 - Nov -16	31- 0 ct -21
40200109 0	WS-C 37S0 E-24PO-E	IC atalyst 3750E 241 0/100/1000 PoE+2*10GE(X2, 750W IPS s/w	FD013 52ROX6	1 - Nov-16	31-Jan-18
402001090	WS-C37S0V2-24PS-S	Catal st 3750V2241 0/100 PoE+ 2 SFPStandard Image	FD01419Z1MB	I- Nov-16	31-May-21
402001090	WS-C37S0V2-48PS-S	Catal st 3750V248 10/100 PoE+ 4 SFPStandard Image	FD014 32X08 K	1 - Nov-16	31-May-21
402001090	N2K-C2248TP-1GE	N2KGE, 2 ACPS, 1 Fan (Std Air), 48x100/1000-T+4x10GE	SSH42S1416	I- Nov-16	31-0 ct-21
402001090	WS-C37S0X-48 P F-L	Catal st 3750X48 Port Full Po E LAN Base	FD014 39 R08P	I - Nov-16	31-0 ct-21
4020342S2	ASA5510-BUNK9	MASA 5S10 Appliance with SW 5FE30 ES/AES	JMX0939KOK8	I- Nov-16	30-Sep-18
402001090	WS-C37S0X-48 P-S	Catal st 3750X48 Port Po E IP Base	FD014 39 R06 W	I - Nov-16	31-0 ct-21
4180 52031	CTS-SX10N-K9	SX10 HO w w all mount int 5" cam, mic and power supply	FTT2035X0A9	9-Sep-17	31-0 ct-21
4180 52031	CTS-MIC-TABL20	Cisco TelePresence Table Micro phone 20	GET19340024	9-Sep-17	31-0 ct -21
4180 52031	CTS-CTRL-0VX-1 0	Touch 1 0 Control Device - selectable option	FOC2028NE8Y	9-Sep-17	31-0 ct -21
4180 52031	CTS-SX10N-K9	SX10 HO w w all mount int 5" cam, mic and power supply	FTT2035X0AA	9-Sep-17	31-0 ct-21

4180 52031	CTS-M C-TABL20	Cisco Te leP resence Table Microphon e 20	GET1934001Z	9-Sep-17	31-0 ct-21
418052031	CTS-CTRL-OV X-1 0	Touch 1 0 Co nt ro l De vice selectab le op t ion	FOC2028NFOS	9-Sep-17	31-0 ct-21
402001090	N5K-C5020 P-Sf	N50002RUChassis no PS 5 Fan Modules 40 ports req SfP	SSI14291IKC	1 - Nov-16	30- Nov-17
402001090	WS-C6506-E	Catal st 6500 Enha nced &-s o t chass s 1 2RU no PS no Fan Tray	SAL09158WEW	11 - N ov -16	31- 0 ct -21
40203443 0	WS-C6506-E	Catal st 6500 Enh anced &-s o t chass s 1 2RU no PS no Fan Tray	SAL09158ZR7	1- Nov-16	31-0 ct-21
402034430	WS-C6506-E	Catal st 6500 Enh anced &-s o t chass s 1 2RU no PS no Fan Tray	SAI11 434MfW	1- Nov-16	31-0 ct-21
402034430	WS-C506-E	Catal st 6500 Enha nced &-s o t chass s 1 2RU no PS no Fan Tray	SAI11 434MfS	1- Nov-16	31-0 ct-21
402034430	WS-C503-E	Catal st 6500 Enha nced 3-s ot chass s 4RU no PS no Fa n Tra y	FOX11390Z7 W	1 - Nov-16	31-0 ct-21
402001090	N5K-C5020 P-Sf	N50002RUChassis no PS 5 Fan Modules 40 ports req SfP	SSI14280A89	1-Nov-16	30- Nov-17
402034430	ASA5550-BUN-K9	""ASA 5550 Appliance wit h SW HA,8GE+I FE 30 ES/AES	JMX1203L1NX	1 - Nov-16	30-Sep-18
402034252	ASA5510-BUN-K9	""ASA 5510 Appliance wit h SW, 5FE30 ES/AES	JMX0939K0KF	1 - Nov-16	30-Sep-18
402265222	CISC07201	Cisco 7201Chassis 1GB Me mory, Dua P/S, 256MB Flash	78002989	1-Nov-16	30-Sep-17
402265222	CISC07201	Cisco 7201Chassis 1GB Me mory, Dua P/S, 256MB Flash	78002973	1- Nov-16	30-Sep-17
402034430	WS-SVC-WISM-1-K9	"C ISCOWIRELESSSERVICES MO OULE(WISM)	FAS1 21804PT	1- Nov-16	30-Apr-17
402034430	WS-SVC-WISM-1-K9	"C ISCOWIRELESSSERVICES MO OULE(WISM)	FAS1 21804PA	1-Nov-16	30-Apr-17
402034430	ASA5550-BUN-K9	""ASA 5550 Appliance wit h SW HA,8GE+I FE 30 ES/AES	JMX1324L197	1-Nov-16	30-Sep-18
402001090	**ASA5510-SSL50-K9**	""ASA 5510 VPN Edition wi 50 SSLUser license 30 ES/AES	JMX1417I 4H6	11-N ov -16	30-Sep -18
40902n31	**AJR-CTS508- 250-K9**	Cisco 5508 Series Wireless Controlle r for up to 250 APs	FCW1553LOB1	11 - N ov -16	31- 0 ct -21
40902n31	**AJR-CTS 508 - 250- K9**	Cisco 5508 Se ries Wireless Controlle r for up to 250 APs	FC 15 5 3LOC4	11 - N ov -16	31- 0 ct -21
402001090	UCS-C200M2-VCD2	Bare Meta UCS C200M2 SFF 2x ES506 CPU,24G8 RAM 4 1 T B HOO	QCI1625A52P	11- N ov -16	31 -Aug-17
402001090	UCS-C200M2-VCD2	Bare Meta UCS C200M2 SFF 2x ES506 CPU,24G8 RAM 4 1 T B HOO	QCI1625A52R	11- N ov -16	31 -Aug-17
402001090	**AJR-CTS 508 -5 0 -K9**	5508Series Controller for up to 50 APs	FC 1638 LOKZ	11 - N ov -16	31- 0 ct -21
414855056	UCSC-C220-M3S	UCS C220 M3 SFFw o CPU, mem HOO, PCIe, PS U w rail kit	FCH170 3V1Q S	11 - N ov -16	31- 0 ct -21
40203443 0	**ASR1001**	Cisco ASR1001 Syste m Crypto. 4 bu i -in GE Dua P/S	SSI194400 KH	11 - N ov -16	30 -Apr-21
402034430	SLASR1- PB	Cisco ASR 1000 IP BASE lice nse		11 - N ov -16	30 -Apr-21
402034430	FLS-ASR1001-5G	Upgra de fr om 2 5 Gbps to 5Gbps Licens e fOf ASR 100 1		11 - N ov -16	30 -Apr-21
402034430	ASR100	Cisco ASR1001 Syste m Crypto. 4 bu i -in GE Dua P S	SSI195105NP	11 - N ov -16	30 -Apr-21
402034430	SLASR1- PB	Cisco ASR 1000 IP BASE lic e nse		11 - N ov -16	30 -Apr-21
402034430	FLS-ASR1001-5G	Upgra de fr om 2 5 Gbps to 5Gbps Licens e fOf ASR 100 1		11 - N ov -16	30 -Apr-21
413704816	ASA5545-K9	ASA 5545-X wit h SW 8GE Data 1 GE Mgmt, AC 3DES/AES	FTX19391100	26-S ep -20	31-0 ct -21
4137048 16	ASA5585-S20-K9	ASA 5585-X Chass is wit h SSP20 8GE2 SFP2 Mgt 1 AC 30ES/AES	JMX194380AW	27-0 ct-16	31-0 ct-21
413704816	ASA5585-S20-K9	ASA 5585-X Chass is wit h SSP20 8GE2 SFP2 Mgt 1 AC 30ES/AES	JMX194 0AU	27 -0 ct -16	31-0 ct -21
1845923	ASA5510-BUN-K9	""ASA 5510 Appliance wit h SW, 5FE30 I S/AI S	JMX1039K0FU	1- Nov-16	30-Sep-18
1845923	ASA5510-BUN-K9	""ASA 5510 Appliance wit h SW, 5FE30 ES/AES	JMX1115L0LA	1 - Nov-16	30-Sep-18
402148991	ASA5520-BUN-K9	""ASA 5520 Appliance wit h SW, HA, 4GE+I FE 30 ES/AES	JMX1215L0QU	1 - Nov-16	30-Sep-18
402148991	ASA5520-BUN-K9	""ASA 5520 Appliance wit h SW, HA, 4GE+I FE 30 ES/AES	JMX1215L0QS	1- Nov-16	30-Sep-18
402001090	ASA5510-BUN-K9	""ASA 5510 Appliance wit h SW, 5FE30 ES/AES	JMX1418L2G6	1- Nov-16	30-Sep-18
40421136o	ASA5540-BUN-K9	""ASA 5540 Appliance wit h SW, HA, 4GE+I FE 30 ES/AES	JMX1424L14W	1-Nov-16	30-Sep-18
402001090	N2K-C2248TP-1GE	N2KGE 2 ACPS, 1 Fan Std Air, 48x100 1000 T+4x10GE	SSI141S9E08	1- Nov-16	31-0 ct-21
4042113o6	ASA5540-BUN-K9	""ASA 5540 Appliance wit h SW, HA, 4GE+I FE 30 ES/AES	JMX1424L14Z	1- Nov-16	30-Sep-18
402001090	N5K-C5 548 UP F A	Nexus 5548 UP Chass is 32 1OGbE Port s 2 PS 2 Fans	SSI151600SW	1- Nov-16	31-0 ct-21

101 288	ASA5520-BUN-K9	MASA 5520 Appliance with SW, HA, 4GE+1 FE 30 ES/AES	JMX1436LO&Q	1-Nov-16	30-Sep-18
101 288	ASA5 510-S EC-8 UN-K9	MASA 5510 Security Bus Appl with SW, HA 2GE+3FE 30 ES/AES	JMX1436L06X	1 - Nov- 16	30-Sep -18
40200109 0	ASA5 510-S EC-8 UN-K9	MASA 5510 Security Bus Appl with SW, HA 2GE+3FE 30 ES/AES	JMX1631X03H	1-Nov -16	30-Sep -18
40200109 0	ASASS40-BUN-K9	MASA 5540 Appliance with SW, HA, 4GE+1 FE 30 ES/AES	JMX1633 X046	1-Nov -16	30-Sep -18
40203 4252	ASA5510-BUN-K9	MASA 5510 Appliance with SW, SFE30 ES/AES	JMX0939KOKR	1-Nov-16	30-Sep-18
402001090	ASASS40-BUN-K9	MASA 5540 Appliance with SW, HA, 4GE+1 FE 30 ES/AES	JMX1633 X045	1 - Nov- 16	30-Sep- 18
4137048 16	ASA5520-BUN-K9	MASA 5520 Appliance with SW, HA, 4GE+1 FE 30 ES/AES	JMXI 72080T1	1-Nov-16	30-Sep-18
413704816	ASA5520-BUN-K9	MASA 5520 Appliance with SW, HA, 4GE+1 FE 30 ES/AES	JMXI 7208012	1-Nov-16	30-Sep-18
402001090	N2K-C2248TP-1GE	N2KGE, 2 ACPS, 1 Fan (Std Air), 48 x100/1000-T+4x10GE	SS1152001M N	1-Nov- 16	31-0 ct -21
40200109 0	N2K-C2248TP-BUN	Nexus 2248TP for NSK/N2K Bundle	SS1152100Q6	1-Nov-16	31-0 ct -21
40200109 0	N2K-C2248TP-BUN	Nexus 2248TP for NSK/N2K Bundle	SS1152201ST	1-Nov- 16	31-0 ct -21
40200109 0	N2K-C2248TP-BUN	Nexus 2248TP for NSK/N2K Bundle	SS1152 10FNK	1-Nov- 16	31-0 ct -21
40200109 0	N5K-C5548UP-BUN	Nexus 5548UP in NS548UP-N2K Bundle	SS1151709 XX	1-Nov- 16	31-0 ct -21
40200109 0	N5K-C5548UP-FA	Nexus 5548 UP Chassis 32 10GbE Ports 2 PS 2 Fans	SS1160 10C2M	1-Nov-16	31-0 ct-21
413704816	N2K-C2248TF-1GE	Nexus 2248TP with 8 FET (2 ACPS 1 Fan (Std Airflow)	SS1172SOAWV	1-Nov-16	31-0 ct-21
413704816	N2K-C2248TF-1GE	Nexus 2248TP with 8 FET (2 ACPS 1 Fan (Std Airflow)	SS1172SOHHZ	1-Nov-16	31-0 ct-21
402034252	ASA5510 -BUN-K9	MASA 5510 Appliance with SW, SFE30 ES/AES	JMX0939KO KX	1-Nov -16	30-Sep -18
4137048 16	N2K-C2248TF-1GE	Nexus 2248TP with 8 FET (2 ACPS 1 Fan (Std Airflow)	SS1172SOAXR	1-Nov-16	31-0 ct-21
413704816	N2K-C2248TF-1GE	Nexus 2248TP with 8 FET (2 ACPS 1 Fan (Std Airflow)	SS1172SOHJP	1-Nov-16	31-0 ct-21
413704816	N7K-C7004	4 Slot Chassis No Power Supply, Includes Fans	JAF1737AEOF	1-Nov-16	31-0 ct -21
402034252	ASA5510-BUN-K9	MASA 5510 Appliance with SW, SFE30 ES/AES	JMX0939 KOKZ	1-Nov -16	30-Sep- 18
4137048 16	N7K -C7004	4 Slot Chassis No Power Supply, Includes Fans	JAF1735AGNA	1-Nov-16	31-0 ct-21
413704816	ASR-9006-AC-V2	A.SR9006ACChassis with PEM Version 2	FOX1808GRUW	1-Nov- 16	31-0 ct -21
4137048 16	A9K-M PA-8 X10GE	A.SR 900 0 &-port 10GE Modular Port Adapter	FOC1802NAMB	1-Nov-16	31-0 ct-21
413704816	A9K-M 0 0160-TR	160 G Modular Linecard Packet Transport Optimized	FOC1719N380	1-Nov- 16	31- 0 ct -21
4137048 16	A9K-RSP440-TR	ASR9K Route Switch Processor with 4400/ slot Fabric and6GB	FOC1808N2PZ	1-Nov- 16	31-0 ct -21
4137048 16	A9K-RSP440-TR	ASR9K Route Switch Processor with 4400/ slot Fabric and6GB	FOC1808N28 9	1-Nov-16	31-0 ct -21
413704816	A9K-M PA-20X1GE	ASR900020-port 1 GEModularPort Adapter	FOC1805N1HL	1-Nov-16	31-0 ct-21
413704816	A9K-M PA-20X1GE	ASR900 0 20-port 1 GEModular Port Adapter	FOC186N1FE	1-Nov16	31-0ct-21
41370486	A9KMPA-20X16	ASR900 0 20-port 1 GEModular Port Adapter	FOC186N15M	1 -Nov- 16	31- 0 ct -21
4137048 16	A9K-M 0D80 -TR	8 00 Modular Linecard Packet Transpon Optim zed	FOC1805N3WO	1-Nov-16	31-0 ct-21
413704816	A9K-M 0D80 -TR	800 Modular Linecard Packet Transpon Optimized	FOC1805N3VM	1-Nov-16	31-0 ct-21
413704816	A9K-M PA-8X10GE	A.SR9000&-port 10GE Modular Port Adapter	FOC1807N41V	1-Nov- 16	31-0 ct -21
4137048 16	XR-A9K PX K9-05 01	Cisco ASR 9000/OS XR Software 30 ES		1-Nov- 16	31- 0 ct -20
4180 52031	WS-SVC-FWM -1-K9=	AFirewall blade for 6500 and 7600 VFW License Separate	SAD073300RO	1-Jan-17	30-Sep-17
418052031	WS-C4506-E	Cat 4500 E-Series 6-Slot Chassis, fan no ps	FOX1230G444	1-Jan-17	31-0 ct-21
418052031	WS-C4506-E	Cat 4500 E-Series 6-Slot Chassis, fan no ps	FOX1230G454	1-Jan-17	31-0 ct-21
418052031	WS-C4506-E	Cat 4500 E-Series 6-Slot Chassis, fan no ps	FOX1230G452	1-Jan-17	31-0 ct-21
418052031	WS-C4506-E	Cat 4500 E-Series 6-Slot Chassis, fan no ps	FOX1230G44W	1-Jan-17	31-0 ct-21
418052031	WS-C4506-E	Cat 4500 E-Series 6-Slot Chassis, fan no ps	FOX1230 G44U	1-Jan-17	31-0 ct-21
418052031	WS-C6509-E	Catalyst 6500 Enhanced 9-slot chassis 14RU no PS,no Fan Tray	SMG1226 N09Y	1-Jan-17	31- 0 ct -21

418052031	WS-SVC-FWM-1-K9=	Firewall blade for 6500 and 7600, VFW License Separate	SAD071202GA	1-Jan-17	30-Sep-17
418052031	N7K-C7010	10 Slot Chassis, No Power Supplies, Fans Included	JAF1430CRBE	1-Jan-17	31-Oct-21
418052031	N7K-C7010	10 Slot Chassis, No Power Supplies, Fans Included	JAF1430CRFJ	1-Jan-17	31-Oct-21
418052031	AIR-CT5508-250-K9	Cisco 5508 Series Wireless Controller for up to 250 APs	FCW1435L0KE	1-Jan-17	31-Oct-21
418052031	AIR-CT5508-250-K9	Cisco 5508 Series Wireless Controller for up to 250 APs	FCW1435L0K4	1-Jan-17	31-Oct-21
418052031	N20-C6508	UCS 5108 Blade Svr AC Chassis/0 PSU/8 fans/0 fabric extender	FOX1434G5Q2	1-Jan-17	31-Oct-21
418052031	N20-B6625-1	UCS B200 M2 Blade Server w/o CPU, memory, HDD, mezzanine	QCI1434A4LK	1-Jan-17	31-Mar-18
418052031	N20-B6625-1	UCS B200 M2 Blade Server w/o CPU, memory, HDD, mezzanine	QCI1434A4JW	1-Jan-17	31-Mar-18
418052031	N20-B6625-1	UCS B200 M2 Blade Server w/o CPU, memory, HDD, mezzanine	QCI1434A4PJ	1-Jan-17	31-Mar-18
418052031	N20-B6625-1	UCS B200 M2 Blade Server w/o CPU, memory, HDD, mezzanine	QCI1434A444	1-Jan-17	31-Mar-18
418052031	N20-B6625-1	UCS B200 M2 Blade Server w/o CPU, memory, HDD, mezzanine	QCI1434A4CM	1-Jan-17	31-Mar-18
418052031	N20-B6625-1	UCS B200 M2 Blade Server w/o CPU, memory, HDD, mezzanine	QCI1434A4Y6	1-Jan-17	31-Mar-18
418052031	N20-B6625-1	UCS B200 M2 Blade Server w/o CPU, memory, HDD, mezzanine	QCI1434A4X5	1-Jan-17	31-Mar-18
418052031	N20-B6625-1	UCS B200 M2 Blade Server w/o CPU, memory, HDD, mezzanine	QCI1434A4QH	1-Jan-17	31-Mar-18
418052031	ASR1004	Cisco ASR1004 Chassis, Dual P/S	FOX1423H0VQ	1-Jan-17	31-Oct-21
418052031	ASR1000-SIP10	Cisco ASR1000 SPA Interface Processor 10		1-Jan-17	30-Apr-21
418052031	SPA-1X10GE-L-V2	Cisco 1-Port 10GE LAN-PHY Shared Port Adapter	JAE143306E2	1-Jan-17	31-Oct-21
418052031	SPA-1X10GE-L-V2	Cisco 1-Port 10GE LAN-PHY Shared Port Adapter	JAE14320SZD	1-Jan-17	31-Oct-21
418052031	ASR1000-SIP10	Cisco ASR1000 SPA Interface Processor 10		1-Jan-17	30-Apr-21
418052031	SPA-8X1GE-V2	Cisco 8-Port Gigabit Ethernet Shared Port Adapter	JAE142208M9	1-Jan-17	31-Oct-21
418052031	ASR1000-RP1	Cisco ASR1000 Route Processor 1,4GB DRAM		1-Jan-17	30-Apr-21
418052031	ASR1000-ESP20	Cisco ASR1000 Embedded Services Processor, 20G		1-Jan-17	31-Oct-21
418052031	ASR1004	Cisco ASR1004 Chassis, Dual P/S	FOX1423H0UQ	1-Jan-17	31-Oct-21
418052031	ASR1000-SIP10	Cisco ASR1000 SPA Interface Processor 10		1-Jan-17	30-Apr-21
418052031	SPA-1X10GE-L-V2	Cisco 1-Port 10GE LAN-PHY Shared Port Adapter	JAE14320T1K	1-Jan-17	31-Oct-21
418052031	SPA-1X10GE-L-V2	Cisco 1-Port 10GE LAN-PHY Shared Port Adapter	JAE143205WT	1-Jan-17	31-Oct-21
418052031	ASR1000-SIP10	Cisco ASR1000 SPA Interface Processor 10		1-Jan-17	30-Apr-21
418052031	SPA-8X1GE-V2	Cisco 8-Port Gigabit Ethernet Shared Port Adapter	JAE142208RF	1-Jan-17	31-Oct-21
418052031	ASR1000-RP1	Cisco ASR1000 Route Processor 1,4GB DRAM		1-Jan-17	30-Apr-21
418052031	ASR1000-ESP20	Cisco ASR1000 Embedded Services Processor, 20G		1-Jan-17	31-Oct-21
418052031	ASR1004	Cisco ASR1004 Chassis, Dual P/S	FOX1423H6MS	1-Jan-17	31-Oct-21
418052031	ASR1000-SIP10	Cisco ASR1000 SPA Interface Processor 10		1-Jan-17	30-Apr-21
418052031	SPA-1X10GE-L-V2	Cisco 1-Port 10GE LAN-PHY Shared Port Adapter	JAE14320SZC	1-Jan-17	31-Oct-21
418052031	SPA-1X10GE-L-V2	Cisco 1-Port 10GE LAN-PHY Shared Port Adapter	JAE14320SZH	1-Jan-17	31-Oct-21
418052031	ASR1000-SIP10	Cisco ASR1000 SPA Interface Processor 10		1-Jan-17	30-Apr-21
418052031	SPA-8X1GE-V2	Cisco 8-Port Gigabit Ethernet Shared Port Adapter	JAE142208R7	1-Jan-17	31-Oct-21
418052031	ASR1000-RP1	Cisco ASR1000 Route Processor 1,4GB DRAM		1-Jan-17	30-Apr-21
418052031	ASR1000-ESP20	Cisco ASR1000 Embedded Services Processor, 20G		1-Jan-17	31-Oct-21
418052031	ASR1004	Cisco ASR1004 Chassis, Dual P/S	FOX1423H6H2	1-Jan-17	31-Oct-21
418052031	ASR1000-SIP10	Cisco ASR1000 SPA Interface Processor 10		1-Jan-17	30-Apr-21
418052031	SPA-1X10GE-L-V2	Cisco 1-Port 10GE LAN-PHY Shared Port Adapter	JAE14320SVU	1-Jan-17	31-Oct-21

4180 52031	SPA-1X10G E-L-V2	Cisco 1 -Po rt 10GE LAN-PHYSha red Po rt Adap ter	JAE1 43306G P	1-Ja n-17	31-0 ct -21
4180 520 31	ASR1000 -S P10	Cisco ASR1000 SPAInterface Processo r 10		1-Ja n-17	30-Apr-21
4180 52031	SPA SX1GE-V2	Cisco &-Po rt Giga bit Ethe rnet Shared Port Adap ter	JAE1 4220&O/I	1-Ja n-17	31-0 ct -21
4180 52031	ASR1000-RP1	Cisco ASR1000 Ro ut e Processo r 1 , 4GBDRAM		1-Ja n-17	30-Apr-21
4180 52031	ASR1000 -ESP20	Cisco ASR1000 Embedd ed Serv ices Proce ssor 200		1-Ja n-17	31-0 ct -21
4180 52031	WS-C3560E-12SD-E	ACatalyst 35 60E 12 SFP+2X10GE;X2) IPS sjw	FD0 14 36Z030	1-Ja n-17	31-Ja n-18
4180 52031	N20-C6508	UCS5108 Blade S lf AC Of ass is 0 PSU 8 fans 0 fabric extende r	FOX14 35 H819	1-Ja n-17	31-0 ct -21
4180 52031	N20-86625-1	UCS8200M2BladeServer w o CPU, memor y HOO. me u a nine	QCH434A4AG	1-Ja n-17	31-Ma r-18
4180 52031	ASR1004-20G-SEC/1(9	ASR1004 VPN+FW Bundle w ESP-20G RPI SPI 0 AESK9 lice nse	FOX1439G3 ST	1-Ja n-17	31-0 ct -21
4180 52031	ASR1000 -SP10-8 UN	Cisco ASR1000 SPAInterface Processo r 10. Bund e Componen t	JAE1 4410 R2R	1-Ja n-17	30-Apr-21
4180 52031	SPA SX1GE-V2	Cisco &-Port Giga bit Ethe rnet Shared Port Adap ter	JAE1 4410B64	1-Ja n-17	31-0 ct -21
4180 52031	ASR1000 -RPI-Bt N	Cisco ASR1000 Ro ut e Processo r 1 , 4GBORAM. Bundle Co mpo nent	JAE1 4410 1ZU	1-Ja n-17	30 -Apr-21
4180 52031	ASR1000 -ESP20	Cisco ASR1000 Embedd ed Serv ices Proce ssor 200	JAE1 4410 L3	1-Ja n-17	31-0 ct -21
4180 52031	FtA SRI -FW-RTU	Fire Wall Right-To-Use Fea ture Liefer ASR1000 Se ries		1-Ja n-17	31-0 ct -21
4180 52031	FtASRI - PSEC -RTU	Encryption R ig ht-To-Use Feat u re Liefo r ASR1000 Se ries		1 -Ja n-17	31-0 ct -21
4180 52031	ASR1004-20G-SEC/1(9	ASR1004 VPN+FW Bundle w ESP-20G RPI SP10. AESK9. lice nse	FOX1439G3 SM	1-Ja n-17	31-0 ct -21
4180 52031	ASR1000 -SP10-8 UN	Cisco ASR1000 SPAInterface Process or 10 Bund e Componen t	JAE14410ROQ	1-Ja n-17	30 -Apr-21
4180 52031	SPA SX1GE-V2	Cisco &-Po rt Giga bit Ethe rnet Shared Port Adap ter	JAE1 4360L2Q	1-Ja n-17	31-0 ct -21
4180 52031	ASR1000 -RPI-BUN	Cisco ASR1000 Rou te Processo r 1 , 4GBORAM. Bundle Compo nent	JAE1 4410 1ZC	1-Ja n-17	30-Apr-21
4180 52031	ASR1000 -ESP20	Cisco ASR1000 Embedd ed Serv ices Proce ssor 200	JAE1 4410 KK	1 -Ja n-17	31-0 ct -21
4180 52031	FtASRI -FW-RTU	Fire Wall Right-To-Use Fea ture Liefer ASR1000 Se ries		1-Ja n-17	31-0 ct -21
4180 52031	FtASRI - PSEC -RTU	Encryption Ri ht-To-Use Feat u re Liefo r ASR1000 Se ries		1 -Ja n-17	31-0 ct -21
4180 52031	CISC03945-SEC/1(9	Cisco 3945 Secu rity Bundle w SEC license PAK	FTX1504A RTP	1-Ja n-17	31-0 ct -21
4180 52031	CISC03945-SEC/1(9	Cisco 3945 Secu rity Bundle w SEC license PAK	FTX1504A RYB	1-Ja n-17	31-0 ct -21
4180 52031	N5K-C5S48 UPM-B-S48	N5S48UP Sto rage Solutions Bund e 48 portstorageserv Lice n	SS 115 13 04C4	1-Jan-17	31-0ct-21
4180 52031	N5K-C5S48 UPM- B-S48	N5S48 UP Sto rage Solutions Bundle 48 portstorageserv Lice n	SS 115 1709 PR	1-Ja n-17	31-0 ct -21
4180 52031	N2K-C2248TP-BUN	Nexus 2248 TP fo r N5K/N2K Bundle	SS115 190 TS3	1-Ja n-17	31-0 ct -21
4180 52031	N2K-C2248TP-BUN	Nexus 2248 TP fo r N5K/N2K Bundle	SS115 1SOAWA	1-Ja n-17	31-0 ct -21
4180 52031	N2K-C2248TP-BUN	Nexus 2248 TP fo r N5K/N2K Bundle	SS11520 09 EC	1-Ja n-17	31-0 ct -21
4180 52031	N2K-C2248TP-BUN	Nexus 2248 TP fo r N5K/N2K Bundle	SS115 1S08G0	1-Ja n-17	31-0 ct -21
4180 52031	N2K-C2248TP-BUN	Nexus 2248 TP fo r N5K/N2K Bundle	SS11520 LNI	1 -Ja n-17	31-0 ct -21
4180 52031	N2K-C2232PP-10GE	N2K I OGE 2 ACPS 1 Fan (Std Air) 32 x1/1 0 E+8x10GE	SS115 1SOFFS	1-Ja n-17	31-0 ct -21
4180 52031	N2K-C2232PP-10GE	N2K I OGE, 2 ACPS, 1 Fan (Std Air), 32 x1/1 0 E+8x10GE	SS115 1SOFCZ	1-Ja n-17	31-0 ct -21
4180 52031	N20-C6508-UPG	UCS5108 Blade S lf AC Of ass is 0 PSU 8 fans/8 fabric extende r	FOX1SB GQ79	1-Ja n-17	31-0 ct -21
4180 52031	N5K-C5S48 UP-FA	Nexus 5548 UP Of ass is 32 1 OGbE Port s 2 PS. 2 Fans	SS115 1S00ZV	1 -Ja n-17	31-0 ct -21
4180 52031	N20-C6508	UCS5108 Blade S lf AC Of ass is 0 PSU 8 fa ns/8 fabric extende r	FOX1516GPGV	1-Ja n-17	31-0 ct -21
4180 52031	N20-C6508	UCS5108 Blade S lf AC Of ass is 0 PSU 8 fa ns/8 fabric extende r	FOX1516GPGU	1-Ja n-17	31-0 ct-21
4180 52031	N20-86625-1	UCS8 200 M2 Blade Serv e r w o CPU, memor y HOO. me u a nine	FCH15 287JP F	1-Ja n-17	31 -Mar-18
4180 52031	N20-86625-1	UCS8200M2BladeServer w o CPU, memor y HOO, me u a nine	FCH152 4724 M	1-Ja n-17	31 -Mar-18
4180 52031	N20-86625-1	UCS8200M2BladeServer w o CPU, memor y HOO. me u a nine	FCH152&71RY	1-Ja n-17	31-Mar-18
4180 52031	WS-C3560E-12SD-E	ACatalyst 35 60E 12 SFP+2X10GE;X2) IPS sjw	FD0 1528Y1WR	1-Ja n-17	31-Ja n-18

418052031	WS-C3560E-12SD-E	*Catalyst 3560E 12 SFP+2X10GE(X2),IPS s/w	FDO1528Y2DC	1-Jan-17	31-Jan-18
418052031	WS-C3560E-12SD-E	*Catalyst 3560E 12 SFP+2X10GE(X2),IPS s/w	FDO1530Y13G	1-Jan-17	31-Jan-18
418052031	N5K-C5548UPM-B-S48	N5548UP Storage Solutions Bundle, 48 port storage serv Licen	SSI151709E1	1-Jan-17	31-Oct-21
418052031	N2248TP-E-FA-BUN	Standard Airflow pack:N2K-C2248TP-E-1GE, 2 AC PS, 1Fan	SSI1709052K	1-Jan-17	31-Oct-21
418052031	N5K-C5548UPM-B-S48	N5548UP Storage Solutions Bundle, 48 port storage serv Licen	SSI151600XG	1-Jan-17	31-Oct-21
418052031	N2K-C2248TP-BUN	Nexus 2248TP for N5K/N2K Bundle	SSI1515062F	1-Jan-17	31-Oct-21
418052031	N2248TP-E-FA-BUN	Standard Airflow pack:N2K-C2248TP-E-1GE, 2 AC PS, 1Fan	SSI170909PZ	1-Jan-17	31-Oct-21
418052031	WS-C3750X-48P-L	Catalyst 3750X 48 Port PoE LAN Base	FDO1537R0Q7	1-Jan-17	31-Oct-21
418052031	WS-C3750X-48P-L	Catalyst 3750X 48 Port PoE LAN Base	FDO1537R0QU	1-Jan-17	31-Oct-21
418052031	WS-C3750X-48P-L	Catalyst 3750X 48 Port PoE LAN Base	FDO1537R0QN	1-Jan-17	31-Oct-21
418052031	WS-C3750X-48P-L	Catalyst 3750X 48 Port PoE LAN Base	FDO1537R0Q0	1-Jan-17	31-Oct-21
418052031	WS-C3750X-48P-L	Catalyst 3750X 48 Port PoE LAN Base	FDO1537V0ME	1-Jan-17	31-Oct-21
418052031	WS-C3750X-48P-L	Catalyst 3750X 48 Port PoE LAN Base	FDO1537V0MJ	1-Jan-17	31-Oct-21
418052031	WS-C3750X-48P-L	Catalyst 3750X 48 Port PoE LAN Base	FDO1537R0QD	1-Jan-17	31-Oct-21
418052031	WS-C3750X-48P-L	Catalyst 3750X 48 Port PoE LAN Base	FDO1542R00Q	1-Jan-17	31-Oct-21
418052031	N20-C6508-UPG	UCS 5108 Blade Svr AC Chassis/0 PSU/8 fans/0 fabric extender	FOX1628GZKW	1-Jan-17	31-Oct-21
418052031	AIR-CT5508-12-K9	Cisco 5508 Series Wireless Controller for up to 12 APs	FCW1634L0CV	1-Jan-17	31-Oct-21
418052031	N5K-C5548UP-B-S32	N5548UP Storage Solutions Bundle, 32 port storage serv Licen	SSI16220DW4	1-Jan-17	31-Oct-21
418052031	N5K-C5548UP-B-S32	N5548UP Storage Solutions Bundle, 32 port storage serv Licen	SSI16220ECF	1-Jan-17	31-Oct-21
418052031	N20-C6508-UPG	UCS 5108 Blade Svr AC Chassis/0 PSU/8 fans/0 fabric extender	FOX1632G3CJ	1-Jan-17	31-Oct-21
418052031	N20-C6508-UPG	UCS 5108 Blade Svr AC Chassis/0 PSU/8 fans/0 fabric extender	FOX1632G3CF	1-Jan-17	31-Oct-21
418052031	DS-C9148D-8G32P-K9	*MDS 9148 with 32p enabled, 32x8GFC SW optics, 2 PS	AMS17061254	1-Jan-17	31-Oct-20
418052031	DS-C9148D-8G32P-K9	*MDS 9148 with 32p enabled, 32x8GFC SW optics, 2 PS	AMS16460651	1-Jan-17	31-Oct-20
418052031	UCSB-B200-M3-U	UCS B200 M3 Blade Server w/o CPU, mem, HDD, mLOM/mezz (UPG)	FCH1718J5M8	1-Jan-17	31-Oct-21
418052031	UCSB-B200-M3-U	UCS B200 M3 Blade Server w/o CPU, mem, HDD, mLOM/mezz (UPG)	FCH1718J5PB	1-Jan-17	31-Oct-21
418052031	UCSB-B200-M3-U	UCS B200 M3 Blade Server w/o CPU, mem, HDD, mLOM/mezz (UPG)	FCH1718J5NF	1-Jan-17	31-Oct-21
418052031	UCSB-B200-M3-U	UCS B200 M3 Blade Server w/o CPU, mem, HDD, mLOM/mezz (UPG)	FCH1718J5SA	1-Jan-17	31-Oct-21
418052031	UCSB-B200-M3-U	UCS B200 M3 Blade Server w/o CPU, mem, HDD, mLOM/mezz (UPG)	FCH1718J4MA	1-Jan-17	31-Oct-21
418052031	UCSB-B200-M3-U	UCS B200 M3 Blade Server w/o CPU, mem, HDD, mLOM/mezz (UPG)	FCH1719J6M0	1-Jan-17	31-Oct-21
418052031	N20-C6508-UPG	UCS 5108 Blade Svr AC Chassis/0 PSU/8 fans/0 fabric extender	FOX1713GCVV	1-Jan-17	31-Oct-21
418052031	N2224TP-FA-BUN	Standard airflow pack: N2K-C2224TP-1GE, 2AC PS, 1Fan	SSI1712081Z	1-Jan-17	31-Oct-21
418052031	N5K-C5672UP	Nexus 5672UP 1RU, 32x10G SFP+, 16pxUP SFP+, 6x40G QSFP+	FOC1829R1EG	1-Jan-17	31-Oct-21
418052031	UCSB-B200-M3=	UCS B200 M3 Blade Server w/o CPU, mem, HDD, mLOM/mezz	FCH1809J9HF	1-Jan-17	31-Oct-21
418052031	N5K-C5672UP=	Nexus 5672UP 1RU, 32x10G SFP+, 16pxUP SFP+, 6x40G QSFP+	FOC1838R253	1-Jan-17	31-Oct-21
418052031	WS-C4510R+E	Catalyst 4500E 10 slot chassis for 48Gbps/slot, fan, no ps	FXS1922Q0H3	1-Jan-17	31-Oct-21
418052031	ASA5500X-SSD120=	ASA 5512-X through 5555-X 120 GB MLC SED SSD (Spare)	MSA19170LX6	1-Jan-17	31-Oct-21
418052031	ASA5500X-SSD120=	ASA 5512-X through 5555-X 120 GB MLC SED SSD (Spare)	MSA19170LGQ	1-Jan-17	31-Oct-21
418052031	ASA5500X-SSD120=	ASA 5512-X through 5555-X 120 GB MLC SED SSD (Spare)	MSA19170LHB	1-Jan-17	31-Oct-21
418052031	ASA5500X-SSD120=	ASA 5512-X through 5555-X 120 GB MLC SED SSD (Spare)	MSA19170LH0	1-Jan-17	31-Oct-21
418052031	ASA5500X-SSD120=	ASA 5512-X through 5555-X 120 GB MLC SED SSD (Spare)	MSA19170LF5	1-Jan-17	31-Oct-21
418052031	ASA5500X-SSD120=	ASA 5512-X through 5555-X 120 GB MLC SED SSD (Spare)	MSA19170LGM	1-Jan-17	31-Oct-21

418052031	ASASSOOx-SSD120	ASA 5S12 -X th rough 55S5- X120 GB Mi CSEOSSO (Spa re)	MSA19170 LG6	1-Jan-17	31-0ct -21
418052031	ASASSOOx-SS0120	ASA 5S12 -X th rough 55S5- X120 GB Mi CSEOSSO (Spa re)	MSA19170 LGB	1-Jan-17	31-0ct -21
418052031	N2224TP-FA-BUN	Sta nda rd air flow pack N2K-C2224TP-1G E 2ACPS, 1 fan	SS1184808 5Z	26-Aug-17	31-0ct -21
418052031	N2224TP-FA-BUN	Sta nda rd air flow pack N2K-C2224TP-1G E 2ACPS, 1 fan	SS1IS48088A	26-Aug-17	31-0ct -21
418052031	AJR-CTSS20-K9	Cisco 5520 Wireless Controlferw/ rack mounting kit	FCH1932 V280	26-A ug-17	31-0ct -21
418052031	N5K-C5672 UP	Nexus 5672 UP1 RU 32x10 GSFP+ 16pxUPSFP+ 6x40G QSFP+	FOC1932R3EP	2&-Aug-17	31-0ct -21
418052031	N5K-C5672UP	Nexus 5672 UP1 RU 32x10 GSFP+ 16pxUPSFP+ 6x40G QSFP+	FOC1932R1EY	2&-Aug-17	31-0ct -21
418052031	AJR-CTSS20-SO-K9	Cisco 5520 Wireless Controlfer supporting 50 APsw/ rac k kit	FCH1932 V2RY	2 &-Aug-17	31-0ct -21
418052031	AJR-CTSS20-SO-K9	Cisco 5520 Wireless Controlfer supporting 50 APsw/ rac k kit	FCH1932 V289	2 &-Aug-17	31-0ct -21
418052031	N5K-C5672 UP	Nexus 5672 UP1 RU 32x10 GSFP+ 16pxUPSFP+ 6x40G QSFP+	FOC1932R3EY	2&-Aug-17	31-0ct -21
418052031	N5K-C5672 UP	Nexus 5672 UP1 RU 32x10 GSFP+ 16pxUPSFP+ 6x40G QSFP+	FOC1932R3ED	2&-Aug-17	31-0ct -21
418052031	N2348UPQ-FA-BUN	Port Side Exhaust airflow pack N2K-C2348UPQ 2ACPS, 3Fan	FOC20 SRCES	1 -May-18	31-0ct -21
418052031	N2348UPQ-FA-BUN	Port Side Exhaust airflow pack N2K-C2348UPQ,,2ACPS, 3Fan	FOC2016RGRO	1 -May-18	31-0ct -21
418052031	N2348UPQ-FA-BUN	Port Side Exhaust airflow pack N2K-C2348UPQ,,2ACPS, 3Fan	FOC2016R0TK	1-May-18	31-0ct -21
418052031	N2348UPQ-FA-BUN	Port Side Exhaust airflow pack N2K-C2348UPQ 2ACPS, 3Fan	FOC2016ROR4	1 -May-18	31-0ct -21
418052031	N2348UPQ-FA-BUN	Port Side Exhaust airflow pack N2K-C2348UPQ,,2ACPS, 3Fan	FOC2016ROTC	1 -May-18	31-0ct -21
418052031	N2348UPQ-FA-BUN	Port Side Exhaust airflow pack N2K-C2348UPQ,,2ACPS, 3Fan	FOC2016ROT8	1-May-18	31-0ct -21
418052031	N2348UPQ-FA-BUN	Port Side Exhaust, airflow pack N2K-C2348UPQ 2ACPS, 3Fan	FOC2016ROS4	1 -May-18	31-0ct -21
418052031	N2348UPQ-FA-BUN	Port Side Exhaust airflow pack N2K-C2348UPQ,,2ACPS, 3Fan	FOC20 5E0FE	1 -May-18	31-0ct -21
418052031	ASA5550-8UN-K9	MASA 5550 Appliance with SW, HA, 8GE+I FE 30 ES/AES	JMX1107LDQE	1-Ja n-17	30 -Sep-18
4180 52031	ASA5550-8UN-K9	MASA 5550 Appliance with SW, HA, 8GE+I FE 30 ES/AES	JMX1426l2 W5	1-Ja n-17	30-Sep-18
4180 52031	ASA5550-8UN-K9	MASA 5550 Appliance with SW, HA, 8GE+I FE 30 ES/AES	JMX1426l2 W4	1-Ja n-17	30-Sep-18
4180 52031	WS-C3750G-12S-E	ACatalyst 3 750 1 2 SFP + IPS Image	F00 1429X2W7	1-Jan-17	31-Jan-18
418052031	N5K-C5S48UP-8 UN	Nexus 5548 UPi n N5548 UP-N2J(Bundle	SS1151307T8	1-Jan-17	31-0ct -21
418052031	N2K-C2248TP-8UN	Nexus 2248 TP fo r N5K/N2J(Bundle	SS1151S0MH9	1-Jan-17	31-0ct -21
418052031	N2224TP-FA-BUN	Sta nda rd air flow pack N2K-C2224TP-1G E 2ACPS, 1 fan	SS1172000CG	1-Ja n-17	31-0ct -21
4180 52031	N2224TP-FA-BUN	Sta nda rd air flow pack N2K-C2224TP-1G E 2ACPS, 1 fan	SS11 71207ZD	1-Ja n-17	31-0ct -21
4180 52031	N2224TP-FA-BUN	Sta nda rd air flow pack N2K-C2224TP-1G E 2ACPS, 1 fan	SS11 71207ZW	1-Ja n-17	31-0ct -21
4180 52031	N2224TP-FA-BUN	Sta nda rd air flow pack N2K-C2224TP-1G E 2ACPS, 1 fan	SS11713059J	1-Ja n-17	31-0ct -21
4180 52031	N2224TP-FA-BUN	Sta nda rd air flow pack N2K-C2224TP-1G E 2ACPS, 1 fan	SS11 7120829	1-Jan-17	31-0ct -21
418052031	N2224TP-FA-BUN	Sta nda rd air flow pack N2K-C2224TP-1G E 2ACPS, 1 fan	SS1172000GS	1-Jan-17	31-0ct -21
418052031	WS-C3560X-48T-I	Catalyst 3560X 48 Port Da ta LAN Base	FD0 1S22V1LP	1-Jan-17	31-0ct -21
418052031	WS-C3560X-48T-I	Catalyst 3560X 48 Port Da ta LAN Base	F00 1522Y1LH	1-Jan-17	31-0ct -21
418052031	WS-C3560X-48T-I	Catalyst 3560X 48 Port Da ta LAN Base	F00 1522ZONG	1-Ja n-17	31-0ct -21
4180 52031	WS-C3560X-48T -I	Catalyst 3560X 48 Port Da ta LAN Base	F00 1522ZONO	1-Ja n-17	31-0ct -21
4180 52031	WS-C3750X-48 P-L	Catalyst 3750X48 Port PoE LAN Base	FD0 1S44P1GS	1-Jan-17	31-0ct -21
418052031	WS-C3750X-12S-E	Catalyst 3750X12 Port GESfP IPServices	F00 1544Z1EU	1-Ja n-17	31-0ct -21
418052031	WS-C3750X-12S-E	Catalyst 3750X12 Port GESfP IPServices	F00 1544Z1F9	1-Jan-17	31-0ct -21
418052031	WS-C3750X-12S-E	Catalyst 3750X12 Port GESfP IPServices	F00 1544ZOEY	1-Ja n-17	31-0ct -21
4180 52031	WS-C3750X- 24 S-E	Catalyst 3750X24 Port GESfP IPServices	F00 1545Z10T	1-Jan-17	31-0ct -21
418052031	UCSB-8200-M1-U	UCS 8 200 M3 Blade Server w/o CPU, mem HO D m LOM/ mezz (UPG)	FCH163074U	1-Jan-17	31-0ct -21

4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH1628 7HZT	1-Ja n-17	31-0 ct-21
418052031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 307 4RA	1-Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH162 97 0< 1	1 -Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH162 9700Q	1 -Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 2S 7JUY	1-Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH162 97 a<R	1 -Ja n-17	31-0 ct -21
4180 52031	UCS-fl-6248 UP-UPG	UCS 6248 UP 1 RU Fabric Int/ No PSU/ 32 UP 12p LIC	SS 1162200 -87	1 -Ja n-17	31- 0 ct -21
4180 52031	UCS-fl-E16 UP	UCS 6200 16-port Expa ns on mod u e' 16 UP Sp UC	FOC162555KZ	1-Ja n-17	31-0 ct-21
418052031	UCS-fl-E16 UP	UCS 6200 16-port Expa ns on mod u e 16 UP Sp UC	FOC1604090 F	1-Ja n-17	31-0 ct -21
4180 52031	UCS-fl-6248 UP-UPG	UCS 6248 UP 1 RU Fabric Int/ No PSU/ 32 UP 12p LIC	SS 1161S 005 N	1-Ja n-17	31-0 ct-21
418052031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 3073K 3	1-Ja n-17	31-0 ct-21
418052031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 2S 7JOO	1 -Ja n-17	31 - 0 ct -21
4180 52031	U CSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 3074f6	1-Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 307VBL	1-Ja n-17	31-0 ct -21
4180 52031	WS-C4500 X- 32S FP +	Catal st 4500-X 32 Po rt 10G IP Base Front-to-Back, No P S	JAE16310 9 UZ	1 -Ja n-17	31-0 ct -21
4180 52031	WS-C4500 X- 32S FP +	Catal st 4500-X 32 Po rt 10G IP Base, Front-to-Back, No P S	JAE16310 9 v"J9	1 -Ja n-17	31 - 0 ct -21
4180 52031	U CSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 33708G	1 -Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 3370 MW	1-Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 337 E5N	1 -Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 327v"JRM	1-Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 327 WS 3	1 -Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 337 ED6	1 -Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 3370CM	1 -Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 337010	1 -Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 337DC1	1 -Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 337 E3Q	1 -Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 337 EE4	1-Ja n-17	31-0 ct -21
4180 52031	UCSB-8 200-M 3 -U	UCS 8200 M3 Blade Se l'le r w o CPU, mem , HOO mLOM mezz : UPG:	FCH16 327 FAY	1 -Ja n-17	31-0 ct -21
4180 5 2031	UCS8 8 200-M3-U	ucs 8200 M3 Blade Se l'le r w o CPU, mem HOD mLOM mezz : UPG:	FC HI 6327W51	1 -Ja n-1 7	31-0 ct -21
4180 52031	WS-C4500 X-F -16Sf P+	Catal st 4500-X16 Po rt 10G IP Base, Back-to-Fron t, No P S	JAEI 7230 BGM	1-Ja n-17	31-0 ct -21
4180 52031	WS-C4500 X-F -16Sf P+	Catal st 4500-X16 Po rt 10G IP Base, Back-to-Fron t, No P S	JAEI 7230 BFN	1-Ja n-17	31-0 ct-21
418052031	WS-C4500 X-F -16 S FP+	Catal st 4500-X16 Po rt 10G IP Base, Back-to-Fron t, No P S	JAEI 7230 BFQ	1-Ja n-17	31-0 ct -21
4180 52031	WS-C4500 X-F -16Sf P+	Catal st 4500-X16 Po rt 10G IP Base, Back-to-Fron t, No P S	JAEI 7230 BFB	1-Ja n-17	31-0 ct -21
4180 52031	WS-C3350-2 4P-I	Cisco Catal st 3850 24 Port PoE LAN Base	FOC1739X0F-8	1 -Ja n-17	31 - 0 ct -21
4180 5 2031	WS-C 3350-2 4P-I	Cis co Ca t a l st 385 0 24 Port PoE LAN Base	FOC1739 UOOW	1 -Ja n-17	31 - 0 ct -21
4180 52031	WS-C3350-24P-I	Cisco Catal st 3850 24 Port PoE LAN Base	FOC1739X0GO	1 -Ja n-17	31 - 0 ct -21
4180 52031	WS-C3350-24P-I	Cisco Catal st 3850 24 Port PoE LAN Base	FOC1739 UOOR	1-Ja n-17	31-0 ct -21
4180 52031	WS-C3350-2 4P-I	Cisco Catal st 3850 24 Port PoE LAN Base	FOC1739 UOBU	1-Jan-17	31-0 ct-21
418052031	WS-C4500 X- 24 X-ES	Catal st 4500-X 24 Po rt 10G Ent Services. Frt-to-Bk N-0P S	JAEI 73908GQ	1-Jan-17	31-0 ct-21
418052031	WS-C4500 X- 24 X-ES	Catal st 4500-X 24 Po rt 10G Ent Services. Frt-to-Bk N-0P S	JAE173908 FM	1-Ja n-17	31-0 ct -21
4180 52031	WS-C4500 X-16S FP +	Catal st 4500-X16 Po rt 10G IP Base. Front-to-Back. No P S	JAE17340 B75	1-Ja n-17	31-0 ct -21

4180 52031	WS-C4500X-16SFP+	Catalyst 4500 -X 16 Port 10G IP Base Front-to-Back No PrS	JAE17340 87F	1-Jan-17	3 1-Oct -21
4180 52031	WS-C4506-E	Cat 4500 E-Series6-Slot Chassis fan no ps	FXS1744Q1B	1-Jan-17	3 1- Oct -21
4180 52031	WS-C3850-24T-L	Cisco Catalyst 3850 24 Port Data LANBase	FOC1802U1AR	1-Jan-17	3 1- Oct -21
4180 52031	WS-C3850-24T-L	Cisco Catalyst 3850 24 Port Data LANBase	FOC1802U1AP	1-Jan-17	3 1-Oct -21
418052031	UCS-SP8-8-F148	(Not Sold Standalone) UCS 6248 FI w/ 12 p UC Cables Bundle	SS1182804HR	1-Jan-17	30 - Nov -20
4180 52031	UCS-SP8-8-F148	(Not Sold Standalone) UCS 6248 FI w/ 12 p UC Cables Bundle	SS1182804NY	1-Jan-17	30-Nov -20
4180 52031	UCS-SP8-8-F148	(Not Sold Standalone) UCS 6248 FI w/ 12 p UC Cables Bundle	SS1182804HZ	1-Jan-17	30-Nov-20
418052031	UCS-SP8-8-F148	(Not Sold Standalone) UCS 6248 FI w/ 12 p UC Cables Bundle	SS1182804HX	1-Jan-17	30 -Nov -20
4180 52031	UCS-EZ8-B200M 4-YP	UCSSPS B200M4 VALUE PLUS w/2 xES2670v3 256GB 2U 3M Hz V C1340	FCH18427MP6	1-Jan-17	30-Nov-20
418052031	UCS-EZ8-B200M 4 -YP	UCSSPS B200M 4 VALUE PLUS w/2 xES2670v3 256GB 2U 3M Hz V C1340	FCH1844JSOU	1-Jan-17	30 -Nov -20
4180 52031	UCS-EZ8-B200M 4 -YP	UCSSPS B200M4 VALUE PLUS w/2 xES2670v3 256GB 2U 3M Hz V C1340	FCH1844JSQ4	1-Jan-17	30-Nov-20
418052031	UCS-EZ8-B200M 4-YP	UCSSPS B200M4 VALUE PLUS w/2 xES2670v3 256GB 2U 3M Hz V C1340	FCH1844JT1X	1-Jan-17	30 -Nov -20
4180 52031	UCS-EZ8-B200M 4-YP	UCSSPSB200M4 VALUE PLUSw/2 xES2670v3 256GB 2U 3M Hz V C1340	FCH18417844	1-Jan-17	30-Nov-20
418052031	UCS-EZ8-B200M 4 -YP	UCSSPS B200M4 VALUE PLUS w/2 xES2670v3 256GB 2U 3M Hz V C1340	FCH1844JSKQ	1-Jan-17	30-Nov-20
418052031	UCS-EZ8-B200M 4 -YP	UCSSPS B200M4 VALUE PLUS w/2 xES2670v3 256GB 2U 3M Hz V C1340	FCH1844JT3A	1-Jan-17	30-Nov-20
418052031	UCS-EZ8-B200M 4 -YP	UCSSPS B200M4 VALUE PLUS w/2 xES2670v3 256GB 2U 3M Hz V C1340	FCH1844JD Q	1-Jan-17	30-Nov-20
418052031	UCS-SP-5108-AC2	(Not Sold Standalone) UCSSP BASE 5108 Blade Svr AC2 Chassis	FOX18SOGOSO	1-Jan-17	30-Nov -20
4180 52031	UCS-SR-B200M4-YP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH184678GB	1-Jan-17	30-Nov-20
418052031	UCS-SR-B200M 4- YP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH18467BKW	1-Jan-17	30-Nov-20
418052031	UCS-SR-B200M 4- YP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH18467BLO	1-Jan-17	30-Nov-20
418052031	UCS-SR-B200M 4- YP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH184678CQ	1-Jan-17	30-Nov-20
418052031	UCS-SP-S108-AC2	(Not SoldStandalone) UCSSPBASE 5108 Blade Svr AC2 Chassis	FOX18SOGD4T	1-Jan-17	30-Nov-20
418052031	UCS-SR-B200M 4- YP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH18467BLX	1-Jan-17	30-Nov -20
4180 52031	UCS-SR-B200M4-YP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH184678Q8	1-Jan-17	30-Nov-20
418052031	UCS-SR-B200M4-YP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH1847760 3	1-Jan-17	30-Nov-20
418052031	UCS-SR-B200M 4- YP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH18467BKD	1-Jan-17	30-Nov-20
418052031	UCS-EZ8-5108-AC2	UCSSP BASE 5108 Blade Svr AC2 Chassis Expansion Pack	FOX1850GD3B	1-Jan-17	30-Nov-20
418052031	UCS-CX-8 200M4- VP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH1844JSZE	1-Jan-17	30-Nov-20
4180 52031	UCS-CX-8 200M4-VP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH18457COX	1-Jan-17	30 - Nov -20
4180 52031	UCS-CX-8 200M4-VP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH18457C3V	1-Jan-17	30-Nov-20
418052031	UCS-CX-8 200M4- VP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH18457C3Z	1-Jan-17	30-Nov-20
418052031	UCS-CX-8 200M4- VP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH18457C4H	1-Jan-17	30-Nov-20
418052031	UCS-CX-8 200M4- VP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH18457J9B	1-Jan-17	30 -Nov -20
4180 52031	UCS-CX-8 200M4-VP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH18457X2F	1-Jan-17	30-Nov-20
418052031	UCS-CX-8 200M4-VP	(Not sold Standalone) B200M4 w/ 2xE52670 v3 16x16GB 2133MHz	FCH18457X2V	1-Jan-17	30-Nov-20
418052031	UCSC-C3160	Cisco UCS C3160 Base Chassis w/ 4x PSU RailKit Bezel	FOX1848G2U2	1-Jan-17	3 1-Oct -21
418052031	UCSC-C3160	Cisco UCS C3160 Base Chassis w/ 4x PSU RailKit Bezel	FOX1844GAV1	1-Jan-17	3 1-Oct -21
418052031	UCSC-C3160	Cisco UCS C3160 Base Chassis w/ 4x PSU RailKit Bezel	FOX1847GIYN	1-Jan-17	3 1-Oct -21
418052031	C6880-X-LE	Cisco Catalyst 6880-X-Chassis (Standard Tables)	SAL1913CL2N	1-Jan-17	3 1-Oct -21
418052031	C6880-X-LE	Cisco Catalyst 6880-X-Chassis (Standard Tables)	SAL1913CL2M	1-Jan-17	3 1-Oct -21
418052031	C6880-X-LE	Cisco Catalyst 6880-X-Chassis (Standard Tables)	SAL1913CL2H	1-Jan-17	3 1-Oct -21

4180 52031	C6880-X	Cisco Catalyst 6880-X -Chassis (Standard Tables)	SAL1913 CL2P	1-Jan-17	31-Oct-21
4180 52031	WS-C4507R-E	Catalyst4500 E 7 slot chassis for 48Gbps slot fan no ps	FXS1918Q 1GE	1-Jan-17	31-Oct-21
418052031	WS-C4507R-E	Catalyst4500 E 7 slot chassis for 48Gbps slot fan no ps	FXS1918 Q31S	1-Jan-17	31-Oct-21
418052031	WS-C4507R-E	Catalyst4500 E 7 slot chassis for 48Gbps slot, fan no ps	FXS1917Q U 4	1-Jan-17	31-Oct-21
4180 52031	WS-C4507R-E	Catalyst4500 E 7 slot chassis for 48Gbps slot, fan no ps	FXS192 1Q20X	1-Jan-17	31-Oct-21
4180 52031	WS-C3850-12S-S	Cisco Catalyst 3850 12 PortGESfP IP Base	FCW2033F01V	27-Aug-17	31-Oct-21
418052031	WS-C3350-48T-S	Cisco Catalyst 3850 48 Port Data IP Base	FC-"120 3 4 0079	1-Sep-17	31-Oct-21
4180 52031	WS-C3350-48T-S	Cisco Catalyst 3850 48 Port Data IP Base	FC-"120 3 4 0062	1-Sep-17	31-Oct-21
4180 £2031	WS-C 3SS0- 4 ST-S	[illegible] 3SS 0 49 Port [illegible] IP Base	SCW 20 34 D0 7	1-Sep--17	31-Oct-21
4180 52031	WS-C3350-48T-S	Cisco Catalyst 3850 48 Port Data IP Base	FOC2034X07T	1-Sep-17	31-Oct-21
4180 52031	C6832-X	Cisco Catalyst 6832 -X-Chassis (Standard Tables)	F00 2032L034	12-Sep-17	31-Oct-21
4180 52031	C6832-X	Cisco Catalyst 6832 -X-Chassis (Standard Tables)	F00 2032L02W	12-Sep-17	31-Oct-21
4180 52031	C6832-X	Cisco Catalyst 6832 -X-Chassis (Standard Tables)	F00 2032L033	12-Sep-17	31-Oct-21
4180 52031	C6832-X	Cisco Catalyst 6832 -X-Chassis (Standard Tables)	F00 2032L037	12-Sep-17	31-Oct-21
4180 52031	C1-N9K-C93180-BUN	Cisco ONE Nexus 93180YC-EX bundle PID	F00 203 40C6H	6-Sep-17	31-Oct-21
418052031	C1-N9K-C93180-BUN	Cisco ONE Nexus 93180YC-EX bundle PID	F00 20340CAL	6-Sep-17	31-Oct-21
418052031	C1-N9K-C93180-BUN	Cisco ONE Nexus 93180YC-EX bundle PID	F00 20340C7K	6-Sep-17	31-Oct-21
4180 52031	C1-N9K-C93180-BUN	Cisco ONE Nexus 93180YC-EX bundle PID	F00 203 40C5A	6-Sep-17	31-Oct-21
418052031	C1-N9K-C93180-BUN	Cisco ONE Nexus 93180YC-EX bundle PID	F00 20331B MS	6-Sep-17	31-Oct-21
418052031	C1-N9K-C93180-BUN	Cisco ONE Nexus 93180YC-EX bundle PID	F00 20331BEA	6-Sep-17	31-Oct-21
418052031	FPR4110-NGFW-K9	Cisco Firepower 4110 NGFW Appliance 1U 2 x NetMod Bays	JA020290E6M	19-Sep-17	31-Oct-21
4180 52031	FPR4110-NGFW-K9	Cisco Firepower 4110 NGFW Appliance 1U 2 x NetMod Bays	JAD20360KA	19-Sep-17	31-Oct-21
4180 52031	FPR4110-NGFW-K9	Cisco Firepower 4110 NGFW Appliance 1U 2 x NetMod Bays	JAD2036002E	19-Sep-17	31-Oct-21
4180 52031	FPR4110-NGFW-K9	Cisco Firepower 4110 NGFW Appliance 1U 2 x NetMod Bays	JA0203600SF	19-Sep-17	31-Oct-21
413704816	ASA5585-S20-K9	ASA 5585-X Chassis with SSP20,8GE,2SFP,2 Mgt 1 AC 3DES/AES	JMX2012304N	25-Mar-17	31-Oct-21
413704816	ASA5585-NM-4-10GE	ASA 5585-X Half Width Network Module with 4 SFP+ ports	JA0200701NW	25-Mar-17	31-Oct-21
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]-Mar-1[illegible]	31-Oct-[illegible]
413704816	ASA5585-NM-4-10GE	ASA 5585-X Half Width Network Module with 4 SFP+ ports	JA0193601HA	25-Mar-17	31-Oct-21
413704816	ASA5585-S20-K9	ASA 5585-X Chassis with SSP20,8GE,2SFP,2 Mgt 1 AC 3DES/AES	JMX2012308 H	25-Mar-17	31-Oct-21
413704816	ASA5585-NM-4-10GE	ASA 5585-X Half Width Network Module with 4 SFP+ ports	JA02007010[illegible]	25-Mar-17	31-Oct-21
413704816	ASA5585-S20-K9	ASA 5585-X Chassis with SSP20,8GE,2SFP,2 Mgt 1 AC 3DES/AES	JMX2012308N	25-Mar-17	31-Oct-21
413704816	ASA5585-NM-4-10GE	ASA 5585-X Half Width Network Module with 4 SFP+ ports	JA02007010[illegible]	25-Mar-17	31-Oct-21
418052031	WS-C6SW-E	Catalyst 6500 Enhanced 9-slot chassis 14RU,no PS,no Fan Tray	SMG1226 N0SN	1-Jan-17	31-Oct-21
413704816	ASA5510-BUNK9	ASA 5510 Appliance with SW, 5FE30 ES AES	JMX1049K1BC	1-Nov-16	30-Sep-18
418052031	ASA5545-IPS-K9	ASA 5545-X with IPS, SW 8GE Data, 1 GE Mgmt, AC 3DES/AES	FGL163740CQ	1-Jan-17	30-Apr-20
418052031	ASA-IC-6GE-SFP-C	ASA 5545-X/5555-X interface Card 6-port GESfP (SXLH LX)	FG L1637409 E	1-Jan-17	30-Apr-20
418052031	ASA5545-IPS-K9	ASA 5545-X with IPS, SW 8GE Data, 1 GE Mgmt, AC 3DES/AES	FGL1637400 2	1-Jan-17	30-Apr-20
418052031	ASA-IC-6GE-SFP-C	ASA 5545-X/5555-X interface Card 6-port GESfP (SXLH LX)	FG L1637409 F	1-Jan-17	30-Apr-20
418052031	ASA5545-IPS-K9	ASA 5545-X with IPS, SW 8GE Data, 1 GE Mgmt, AC 3DES/AES	FGL163740C W	1-Jan-17	30-Apr-20
418052031	ASA-IC-6GE-SFP-C	ASA 5545-X/5555-X interface Card 6-port GESfP (SXLH LX)	FG L1637409A	1-Jan-17	30-Apr-20
418052031	ASA5545-IPS-K9	ASA 5545-X with IPS SW 8GE Data, 1 GE Mgmt, AC 3DES/AES	FGL164 740WW	1-Jan-17	30-Apr-20

418052031	ASA-IC-6GE-SFP-C	ASA 5545-X/5555-X Interface Card 6-port GE SFP (SX,LH,LX)	FGL164740WQ	1-Jan-17	30-Apr-20
413704816	UCS-SP7-INFR-FI96	(Not sold standalone) UCS 6296UP 2RU Fabric Int w/18p LIC	FOX1817GY4W	30-May-17	31-Oct-21
409027737	L-CSAS-BASE=	SMART ASSIST SERVICE		1-Nov-16	31-Oct-21
418052031	APIC-CLUSTER-M2	APIC Cluster - Medium Configurations (Up to 1000 Edge Ports)		3-Oct-17	31-Oct-21
418052031	N9K-C9336PQ	Nexus 9K ACI Spine, 36p 40G QSFP+	SAL1931LA4W	5-Oct-17	31-Oct-21
418052031	N9K-C9336PQ	Nexus 9K ACI Spine, 36p 40G QSFP+	SAL2027SZYE	5-Oct-17	31-Oct-21
418052031	L-PI2X-LF-100	Prime Infrastructure 2.x - Lifecycle - 100 Device Lic	4	1-Nov-16	31-Oct-21
418052031	L-PI2X-LF-50	Prime Infrastructure 2.x - Lifecycle - 50 Device Lic	1	1-Nov-16	31-Oct-21
418052031	L-PI2X-BASE	Prime Infrastructure 2.x Base License	1	1-Nov-16	31-Oct-21
418052031	R-PI20-SW-K9	Prime Infrastructure 2.0 Software	1	1-Nov-16	31-Oct-21
418052031	LIC-CUCM-BASIC-A	Unified Communications Manager Basic Single User	737	1-Nov-16	31-Jul-17
418052031	LIC-CUCM-USR-A	Unified Communications Manager Enhanced Single User	275	1-Nov-16	31-Jul-17
418052031	UNITYCN8-USR	^One Unity Connection 8.x User - All user Features	250	1-Nov-16	31-Aug-17
418052031	L-PI12-LF-100	^Prime Infrastructure 1.2 - Lifecycle - 100 Device Lic	3	1-Nov-16	31-May-18
418052031	L-PI12-LF-25	^Prime Infrastructure 1.2 - Lifecycle - 25 Device Lic	1	1-Nov-16	31-May-18
418052031	L-FPR4110T-TM=	Cisco FPR4110 Threat Defense Threat and Malware License		25-Aug-17	31-Oct-21

Site ID#	Site Name	Address
418052031	CITY OF AUSTIN - CTECC	CITY OF AUSTIN-CTECC, 5010 OLD MANOR RD, AUSTIN, TX, 78723
418052031	CITY OF AUSTIN - CTECC	CITY OF AUSTIN-CTECC, 5010 OLD MANOR RD, AUSTIN, TX, 78723
101288	CITY OF AUSTIN	625 EAST 10TH STREET, 10TH FLOOR, INFORMAITON SYSTEMS DATA CENTER, AUSTIN, TX, 78701
	CHONGQING NAN'AN DISTRICT	
137074879	BOARD OF EDUCATION	169 JINZI STREET, CHONGQING, CHONGQING, 400000, CN
1845923	CITY OF AUSTIN	625 EAST 10TH STREET, AUSTIN INFORMATION SYSTEMS DEPT, AUSTIN, TX, 78701
2000173966	CITY OF AUSTIN	1124 S I H 35 # 300, AUSTIN, TX, 78704
2001292788	CITY OF AUSTIN WATER UTILITY	625 E 10TH ST, AUSTIN, TX, 787013661
2718927	CITY OF AUSTIN	4201 ED BLUESTEIN BLVD, DOCK S, AUSTIN, TX, 78721
402001090	CITY OF AUSTIN	4201 ED BLUESTEIN BLVD, DOCK S, AUSTIN, TX, 78721
402034252	CITY OF AUSTIN	C O COA PUBLIC LIBRARY, 651 NORTH PLEASANT VALLEY ROAD, AUSTIN, TX, 78702
402034430	CITY OF AUSTIN	C O AUSTIN CONVENTION CENTER, 500 EAST CESAR CHAVEZ STREET, AUSTIN, TX, 78701
402148991	CITY OF AUSTIN-WIRELESS COMMUNICATIONS	1006 SMITH ROAD, AUSTIN, TX, 78721
402265222	CITY OF AUSTIN C/O AUSTIN CONVENTION CENTER	4201 ED BLUESTEIN BLVD, DOCK, AUSTIN, TX, 78721
404211366	CITY OF AUSTIN	REF VPN & FW FOR M MADDUX, 4201 ED BLUESTEIN BLVD, AUSTIN, TX, 78721

40902n31	CITY OF AUSTIN AUSTINWATER UTILITYPILOT	4201 ED BLUESTEIN BLV D AUST IN TX, 7872 1
412340976	KNOB PUM P STATION TI CII DATA r no o u CT	8100 COLTONBLUFF SPRINGS RO AUST IN TX 78744
413040897	MANAGEMENT INC	7701VORGEN COURTH SOUTHBENO N 4662&842S
413704816	CITY OF AUSTIN CITY OF AUSTIN - AUSTIN	4201 EDBLUESTEIN BLV D AUSTIN TX, 7872 1
414342276	WATER DEPT	625 E 10THST# 400. AUSTIFN. TX, 78701
414&55056	CITY OF AUSTIN	1124 SI H 35 # 30.0 AUST IN TX 78704
418052031	CITY OF AUSTIN - CTECC PANATLANTICTECHNOLOG Y	0 TYOF AUSTIN-CTECC 5010 OLD MANOR RO AUSTIN TX 78723
4187e5180	CORP. NC	81 ETHEL AVENU E HAWTHORNE NJ 07 506
418824873	CONTROL PANELSUSA INC	BLOG 1, 16310 BRATIONLN AUSTIN. T X 78728
420077176	AUSTIN WATER UTILITY	625 E 10 THSTSTE 400, AUSTIN, T X 78701
420736802	CITY OF AUSTIN	1124 S INTERSTATE35 SUITE300. AUSTIN. T X 78704
421000237	CITYOF AUSTIN CTM -Rev	1124 SINTERSTATE3S, STE 300 AUSTIN TX, 7870 4
4137048 16	CITYOF AUSTIN	4201 EDBLUESTEIN BLV D AUSTIN TX, 7872 1
4180 S2031	CITYOF AUSTIN - CTECC	0 TYOF AUSTIN-CTECC 5010 OLD MANOR RD AUSTIN TX 78723
4180S2031	CITYOF AUSTIN - CTECC	0 TYOF AUSTIN-CTECC 5010 OLD MANOR RD AUSTIN TX 78723
413704816	CITYOF AUSTIN	4201 EDBLUESTEIN BLV D AUSTIN TX, 7872 1
40902n 31	CITYOF AUSTIN	4201 EDBLUESTEIN BLV D AUSTIN. TX, 7872 1
4180 S2031	CITYOF AUSTIN - CTECC	0 TYOF AUSTIN-CTECC 5010 OLD MANOR RD AUSTIN TX 78723
4180S2031	CITYOF AUSTIN - CTECC	0 TYOF AUSTIN-CTECC 5010 OLD MANOR RD AUSTIN TX 78723
4180S2031	CITYOF AUSTIN - CTECC	0 TYOF AUSTIN-CTECC 5010 OLD MANOR RD AUSTIN TX 78723

APPENDIX A:
EQUIPMENT NOT COVERED IN ATTACHMENT A PRICING
CITY OF AUSTIN
Cisco Smart Net Total Care RFQ# 23530

INSTANCE NUMBER	SERIAL NUMBER	PRODUCT NUMBER	Notes
	CAT0715X0SR	WS-C3550-24-EMI	End of Support
	CAT0717X04K	WS-C3550-24-SMI	End of Support
	CAT0843Y0RQ	WS-C3550-24-SMI	End of Support
	CAT0843Z144	WS-C3550-24-SMI	End of Support
	CAT0843Z146	WS-C3550-24-SMI	End of Support
	CAT0843Z14B	WS-C3550-24-SMI	End of Support
	CAT0844R0AZ	WS-C3550-24-SMI	End of Support
	CAT0904Z0YD	WS-C3550-24-SMI	End of Support
	CAT0916R07H	WS-C3550-24-SMI	End of Support
	CAT0916R061	WS-C3550-24-SMI	End of Support
	CAT0916R063	WS-C3550-24-SMI	End of Support
	CAT0916R06A	WS-C3550-24-SMI	End of Support
	CAT1013Z4NY	WS-C3550-24-SMI	End of Support
	FHK0603Z01M	WS-C2950G-24-EI	End of Support
	FHK0609Y0EG	WS-C2950-12	End of Support
	FHK0609Y0ET	WS-C2950-12	End of Support
	FHK0609Z0BD	WS-C2950-12	End of Support
	FHK0635Y0AS	WS-C2950G-24-EI	End of Support
	FOC0834W1NC	WS-C2950G-24-EI	End of Support
	FOC0834W1NJ	WS-C2950G-24-EI	End of Support
	FOC0834W1NL	WS-C2950G-24-EI	End of Support
	FOC0834X1V6	WS-C2950G-24-EI	End of Support
	FOC0834X1V9	WS-C2950G-24-EI	End of Support
	FOC0834X1VA	WS-C2950G-24-EI	End of Support
	FOC0834X1VE	WS-C2950G-24-EI	End of Support
	FOC0834X1VF	WS-C2950G-24-EI	End of Support
	FOC0834X1VG	WS-C2950G-24-EI	End of Support
	FOC0834X1VH	WS-C2950G-24-EI	End of Support
	FOC0834X1VJ	WS-C2950G-24-EI	End of Support
	FOC0834Y1PK	WS-C2950G-24-EI	End of Support
	FOC0834Y1PL	WS-C2950G-24-EI	End of Support
	FOC0834Y1PP	WS-C2950G-24-EI	End of Support
	FOC0834Y1WU	WS-C2950G-24-EI	End of Support
	FOC0834Z1JP	WS-C2950G-24-EI	End of Support
	FOC0834Z1ME	WS-C2950G-24-EI	End of Support
	FOC0834Z1N5	WS-C2950G-24-EI	End of Support
	FOC0834Z1Q2	WS-C2950G-24-EI	End of Support
	FOC0834Z1QP	WS-C2950G-24-EI	End of Support
	FOC0834Z1RH	WS-C2950G-24-EI	End of Support
	FOC0834Z1RJ	WS-C2950G-24-EI	End of Support
	FOC0834Z1RK	WS-C2950G-24-EI	End of Support
	FOC0834Z205	WS-C2950G-24-EI	End of Support
230197186	FTX0915A41A	CISCO3845-SEC/K9	End of Support
	FTX1013A0FB	CISCO3845-V/K9	End of Support
	FTX1013A0N5	CISCO3845-V/K9	End of Support

	FTX1013A0N7	CISCO3845-V/K9	End of Support
	FTX1107A3T7	CISCO3845-SRST/K9	End of Support
	FTX1107A3T9	CISCO3845-SRST/K9	End of Support
318263904	FTX1107A5V0	CISCO3845-AC-IP	End of Support
	FTX1209A1P8	CISCO3845-V/K9	End of Support
408164580	FTX1224A343	CISCO2811-SEC/K9	End of Support
	FTX1337Y0C7	CISCO1841-T1	End of Support
	FTX1425A115	CISCO2811-AC-IP	End of Support
	FTX1445AHR0	CISCO2811-AC-IP	End of Support
	FTX1546A07V	CISCO2811-AC-IP	End of Support
801780459	SSI152089A8	N2K-C2248TP-BUN	Item not validating on quote
	SSI15510KBY	ASR1001	RMA'd, replaced by SSI195105NP
1421815286	SSI171207ZF	N2224TP-FA-BUN	Item not validating on quote
572258627		SASR1R1-AESK9-31S	End of Support
572253445		SASR1R1-AESK9-31S	End of Support
1835696379		C1-CAND-1	End of Support
1835896415		C1-CAND-1	End of Support
1835917056		C1-CAND-1	End of Support
1835917081		C1-CAND-1	End of Support
1835920312		C1-CAND-1	End of Support
1835920331		C1-CAND-1	End of Support
1704572754		LIC-CT5520-UPG	Serive level cannot be quoted
		L-PI12-LF-25-LIC	Cannot be quoted
		CUCM-PAK	Cannot be quoted
		L-PILMS42-25	Cannot be quoted
		L-PILMS42-100	Cannot be quoted
		L-PI12-LF-100-LIC	Cannot be quoted
		UNITYU5-USR-E	Cannot be quoted
		CUCM-USR	Cannot be quoted

Appendix

Cisco Masters Certifications

We strive to be a leader in Cisco solutions and have earned several Masters Certifications through Cisco to provide our customers top-quality advice and services. Our Masters Certifications include the following:

- **Master Collaboration**
- **Master Security**
  - 9 Engineers with "Fire Jumper Status"
  - Only "Quad" Fire Jumper in the World!
- **Cloud and Managed Services Master**
  - Cloud Services
  - Cisco Powered UC as a Service Based on HCS
  - Cisco Powered Managed Unified Contact Center - UCC
  - Cisco Powered Managed Security
  - Cisco Powered Managed Business Communications - BC
- **Master Cloud Builder**
  - Cloud Builder-Infrastructure, Management and Services
    - Storage : EMC
    - Storage : Hitachi Data Systems
    - Virtualization : VMware
    - Cloud Management : Cisco
    - Mgmt App-BMC CLM
    - Cloud Management : VMware
    - Cloud Professional Services
  - Cloud Collaboration
    - WebEx Cloud Collaboration Resale Partner

Authorized partner

Similar to the Masters Certifications, our authorized partner status for the below technologies demonstrates our deep knowledge of Cisco solutions.

- **Cisco Connected Stadium™ Wi-Fi® Only National Partner**

- Authorized Security Incumbency Renewals
- Education Technology Developer
- Government Technology Developer
- Healthcare Technology Developer
- Multinational Certified Partner
- Preferred Solution Partner
- Technology Developer Partner
- US Federal Authorization
- WebEx Telepresence Program

CDW•G Cisco Differentiators

CDW•G's long-standing partnership with Cisco has led to some unique differentiators for us, which yield great benefits for our customers.

Early Field Trials

We actively participate in and work with Cisco in the Cisco Early Field Trial (EFT) program. This program allows our top engineers to receive and test the latest and greatest code prior to the general release of the product. It also lets CDW•G as an organization shape the products prior to shipping the first release level. There are only four partners in the world and a handful of customers that participate in the Cisco Early Field Trials, and this really differentiates us from our competition. Generally Cisco only invites 2 partners to each EFT opportunity. Most partners are only doing 3-4 EFT's at most. We participate in more than 20+ EFT's a year across Data Center, Engineering, Collaboration, and Security.

For example:

- We were one of two partners worldwide that was allowed to participate in the Early Field Trial (EFT) of Cisco's UC 8.0 rollout. We were developing via the software nine months prior to public release. When 8.0 was released to the public, all CDW•G engineers were already trained to deploy the solution and were familiar with known differences from prior versions.
- CDW•G receives pre-release software in advance of Cisco's release to other partners and works with Cisco to validate and test features and functionality. During this period, CDW•G trains the implementation engineers, operational support staff and solution architects, and implements the software for use amongst this team.
- As part of the CDW•G new product adoption process, sales organizations are trained and customers are educated on new content. Production pilots are aligned with sample customer sets prior to being rolled out as a full production solution. Our partnership with Cisco allows us to be the experts you need, delivering solutions that bring value to your organization.

Appendix | 2

CDW•G Cisco Solutions

Cisco Networking Solutions

CDW•G combines the world's best unified communications and networking products from Cisco with the brightest minds to create converged network solutions that combine both data and voice giving customers the best possible return on their investment. CDW•G has expertise in virtually every aspect of Cisco's networking business, including planning, design, management, high-availability, and support. CDW•G holds the Routing and Switching Specialization and employs 63 + Certified Internetwork Experts (CCIE), the highest level of Cisco networking certification. Several CDW•G network architects have published white papers and books on IP routing and other topics. CDW has deployed networks ranging from a single switch to those having more than 30,000 switch ports. We design and maintain global WANs carrying voice, video, and data traffic across hundreds of sites.

VoIP and IPT Solutions

In 1998, CDW•G realized the potential of unified communications through Voice over IP (VoIP) services and IP telephony solutions. We understood that the convergence of voice, video, and data on a single multi-service network meant reduced communications costs and higher productivity. Today we run our business offices and Enterprise Command Center (ECC) on Cisco's integrated Unified Communications architecture. We draw upon this first-hand, mission-critical operational experience when designing and implementing our customers' converged network solutions.

Collaboration

CDW•G has developed expertise in every aspect of Cisco's Collaboration business, including planning, network design, implementation, network management, and post-sales support. Our commitment to Collaboration solutions has enabled us to become the first Cisco partner worldwide to earn a Master Specialization in this field. We are also the first in Cisco's U.S. Central Area to obtain an Advanced Specialization in this technology as well. Cisco's Master Specializations are reserved for those partners with the highest levels of technical expertise and a proven track record of selling, deploying, and supporting Cisco solutions. We have completed over 2,500 Cisco Collaboration projects to date involving 250,000+ phones.

Cisco Emergency Responder (CER)

Cisco Emergency Responder enhances the existing emergency 9-1-1 functionality offered by Cisco Unified Communications Manager (previously known as Cisco Unified CallManager). It assures that Cisco Unified Communications Manager will send emergency

calls to the appropriate Public Safety Answering Point (PSAP) for the caller's location, and that the PSAP can identify the caller's location and return the call if necessary. In addition, the system automatically tracks and updates equipment moves and changes. Deploying this capability helps ensure more effective compliance with legal or regulatory obligations, reducing the risk of liability related to emergency calls as a result.

Coupled with Cisco Unified Communications Manager, Cisco Emergency Responder surpasses traditional PBX capabilities by introducing user or phone moves and changes at no cost, and dynamic tracking of user and phone locations for emergency 9-1-1 safety and security purposes.

Unified Contact Center Solutions

CDW•G has deep expertise in providing high quality Cisco's Unified Contact Center (UCC) solutions. We are a Cisco Advanced Technology Partner for UCC Enterprise and one of the few Cisco Partners that can sell and service the entire Cisco Contact Center portfolio. Products span the spectrum from pure IP solutions such as the Unified Contact Center Express to IP and TDM integrations with the Intelligent Contact Manager (ICM) which provide the advantages of a virtual agent pool while leveraging existing investments. Most importantly, our contact center analysts know the business of contact centers as well as the technology.

COA benefits from our team of engineers that are highly trained in implementing Cisco Contact Center solutions. About half are focused on Unified Contact Center Enterprise (UCCE) and half are focused on Unified Contact Center Express (UCCX). Our team has a great deal of experience implementing screen pops, developing self-service applications, implementing outbound dialing campaigns, implementing Quality Management and Workforce Management solutions, and developing custom reports. We have implemented over 500 Cisco contact centers with over 10,000 agents. COA can be confident we have the experience to manage your UCC needs from beginning to end.

Routing & Switching Solutions

COA can rely on CDW•G to manage all of your Cisco routing and switching requirements and needs. No other Cisco partner in the world offers our combination knowledge and firsthand experience. We currently hold the Routing and Switching Specialization and employ 63 + CCIEs, the highest level of Cisco networking certification. Our highly trained networking specialist team has deployed client networks ranging from a single switch to those having more than 30,000 switch ports. We have designed and maintain global WANs carrying voice, video, and data traffic across hundreds of sites.

Appendix | 4

Wireless Solutions

In addition to being a Cisco-certified Wireless Partner, our seasoned team of wireless engineers has been providing superior site survey and deployment services for more than 15 years. During this time, they have implemented wireless networks in nearly every type of environment imaginable: retail spaces, manufacturing plants, warehouses, large outdoor campuses, steel foundries, sub-zero refrigeration areas, and much more. In total, they have deployed over 150,000 access points for more than 4,500 customer environments. COA can be sure that CDW•G has the knowledge, resources and capabilities to manage every aspect of your wireless requirements and needs.

CDW Managed Cisco Services

CDW's Managed Services allow you to contract with CDW•G for support of your dedicated networks, systems, databases, and select applications. Our modular approach to IT management allows you to select the services that best support your unique operational and budget goals. Depending on the package you choose, services can include critical service and event monitoring, capacity threshold monitoring, web-based performance reporting, installation of security patches, installation of firmware updates, service packs, service releases, and bug fixes, break/fix activities, maintenance of user access, routine system maintenance, and more.

CDW VoiceAdvantage Services

COA can also take advantage of the flexible VoiceAdvantage services that CDW•G offers our customers. CDW•G's VoiceAdvantage is a 24x7, immediate response, remote engineering support service for Cisco UC, UCC, and MeetingPlace infrastructures. These services allow you to retain overall control of your infrastructure, while being covered under CDW•G Service Level Agreement for the speedy response to requests for engineering assistance after incidents occur, or for aid, at your direction, with other infrastructure support tasks. VoiceAdvantage is not just for emergency support issues, but can also be used to answer "how-to" questions related to new or unused functions of the system that you wish to implement.

Security Solutions

CDW•G is one of a few technology companies that offers full lifecycle security services: assessment, implementation, monitoring, and management. We believe in a holistic approach to security, designing flexible and powerful systems and processes to continuously meet a changing risk and regulatory landscape. Our nationally renowned security research and assessment practice writes the tools other companies use. Our security solution delivery practice was the first in the world to achieve Cisco's coveted

Security Master Certification. Our managed security services are among a select few built to the rigorous ITIL standards and regularly audited under PCI, Sarbanes-Oxley, and SSAE16. We believe that security is an ongoing process, and are expert in the design of security solutions – and the secure design of other advanced technology solutions.

CDW•G's expert security team has extensive backgrounds in operating systems, networking, programming, and system administration. We can assist your organization with any security concern.

CDW•G's ability to tailor customized end-to-end security solutions to meet our customers' specific needs is second to none. We currently hold the Cisco Master Security Partner Specialization as well as an Advanced Technology Provider Authorization for Enterprise and Express Security solutions. Furthermore, CDW•G is Global Security Essentials Certified (GSEC), Global Information Assurance Certified (GIAC), SAS-70 Type II Certified, and much more.

Our Expert Security Team is highly proficient in the deployment of the complete Self-Defending Network, including ASA security appliances, MARS information management, Network Intrusion Prevention, Distributed Threat Mitigation, Network Admission Control, Security Manager, and Security Agent intrusion prevention software. Having performed over 500 professional security assessments, our Security Team leads the industry in our technical depth and the quality of our assessment deliverables. Whether our customers need to assess their applications, Internet, internal, wireless, or partner network, remediate vulnerabilities, or implement an enterprise-wide security solution, CDW•G can help.

Vulnerability Assessment	We can help pinpoint your security weaknesses quickly and cost-effectively. We provide a confidential report that details the assessment findings and offers recommendations for securing your network.
Firewall Integration	We can help strengthen the perimeter defense of your corporate network. CDW•G Cisco Certified Internetwork Experts (CCIE) and Security Engineers specialize in installing, configuring, customizing, and maintaining firewalls.
Network Intrusion Prevention Systems (NIPS)	NIDS are appliances that reside on the network to help recognize dangerous traffic entering the network. CDW•G engineers are experts in the installation and administration of IPS solutions such as Cisco's IPS.
Virtual Private Network (VPN)	A VPN is an encrypted extension of your internal corporate network. A properly implemented VPN allows remote users to connect securely to your internal network over the public Internet. CDW•G experts can design and implement secure, seamless access to your internal network for remote users.
Wireless	We can help increase employee mobility and flexibility by implementing a wireless network. CDW•G provides authentication, design, and implementation consulting that ensures proper security has been deployed for your wireless network and that only authorized employees are allowed access.

Appendix | 6

Patch Management	CDW•G offers tool evaluation, selection, design, and implementation, eliminating the risks associated with selecting a patch management tool.
Virus	CDW•G's Hosted Anti-Spam & Anti-Virus solution is a highly redundant and expertly configured system that prevents viruses from entering your email system.
Spam	CDW•G can design and implement a highly effective reputation based anti-spam and email encryption solution to protect your email environment and sensitive data.
Hardening Servers	This process includes a configuration review and action items to mitigate found risks. CDW•G offers Microsoft Solution Design Workshops for designing comprehensive security solutions for Microsoft Directory Services, Exchange, and other platforms from the ground up. CDW•G's workshops ensure that the security considerations necessary for a given server role(s) are known to systems administrators and have appropriate accounting processes.
Application Security	In-house development of custom applications is a critical business endeavor. However, security flaws are inevitable. CDW•G's Application Security Assessments identify base technologies, identify application components, review code, test possible exploits, and provide recommendations for improvement.
Authentication, Authorization and Auditing (AAA)	Robust authentication mechanisms can be leveraged in all aspects of an environment. Designing a strategy for achieving user authentication, authorization and auditing policies and technologies relevant to your organization's needs is a complex task and is vital for determining which users, processes, and applications have access to sensitive information. CDW•G offers several options for AAA including Cisco's Access Control Server (ACS) and Identity Services Engine, Microsoft Active Directory® Design, RSA/Secure ID Design and Implementation, SmartCard Design and Implementation and Microsoft Network Policy Server.
Security Management	CDW•G can assist with a broad range of activities including monitoring, assessing, operating and maintaining your organization's security policy and security infrastructure. CDW•G offers a Security Policy Assessment and Cisco Security Manager (CSM) for centrally provisioning device configuration and security policies. Combined, these offerings ensure that organizational policies are solid and your infrastructure aligns with industry best practices.

SMARTnet

CDW•G's Cisco experience extends to SMARTnet as well. We currently have Cisco SMARTnet Maintenance Agreements with over 34,000 distinct customers. This extensive portfolio ensures that we have the knowledge to successfully support your SMARTnet agreements.

CDW•G's SMARTtracker

SMARTtracker is a CDW•G web application that lets you specify changes to your SMARTnet contract(s) on your own SMARTtracker portal. Each of these changes is then emailed to the CDW•G SMARTnet Team who works with Cisco to complete the transactions within Cisco's system. CDW has over 800 customers using SMARTtracker.

This easy-to-access SMARTtracker portal lets you view and sort your Cisco assets by coverage, location, and device. You can monitor and manage your inventory and SMARTnet contracts year-round, not just at renewal time. SMARTtracker functionality allows users to:

- Manage your SMARTnet contracts 24 x 7, 365 days a year.
- Access all products, site locations, and contract information in one place.
- Move devices from one site to another.
- Track RMAs due to service replacement and make serial number swaps due to RMA.
- Search by serial number, model number, site name, and contract number.
- Ensure accuracy of inventory for moves, adds, changes, and removal of equipment.
- Create custom note fields.
- Perform free form text search.
- Import asset inventory not covered under SMARTnet to assist in asset management.
- Decommission assets which may entitle you to pro-rated credit for any time remaining (pending Cisco approval.)
- Offer feedback on the portal's features.
- Rely on our SMARTnet Solution Specialist for any questions you may have.

SMARTtracker Demonstration

We encourage the COA of Austin to experience the SMARTtracker portal. Live demonstrations are available upon request. Your Sr. Account Manager Danielle Davenport can arrange a portal demonstration for you.

CDW•G's SMARTtracker will enable you to make changes to your SMARTnet agreement throughout the life of the contracts. SMARTtracker allows for site changes, serial number swaps, decommissions, and inventory uploads. Services for new equipment purchases will be co-termed to the co-term end date, and added to the existing SMARTnet contract number(s) by CDW•G's SMARTnet team. New services are automatically imported into SMARTtracker daily via a contract report from Cisco. You may request services upgrade quotes via SMARTtracker or from your Sr. Account Manager who will calculate the difference in cost from the current service level to the requested level, for the remainder of the contract, less 30 days.

Asset Tracking

- SMARTtracker includes Cisco's end-of-support notifications.
- Filter or sort by products with "End of Life" dates.

- Track decommission credits.
- SMARTtracker tracks all moves, adds, and changes made to our customer's SMARTnet. contracts. Items are added to SMARTtracker within 48 hours of placing the SMARTnet order in Cisco's.
- When items are decommissioned
  - SMARTtracker keeps a history of the item and changes status throughout the decommission process.
  - Credit amount is populated into SMARTtracker for easy reference.
  - Credits can be applied to future hardware, software, or SMARTnet purchases.

Latest Version Features

- History of RMAs
  - Report can track a device/card and any RMAs and any replacements associated with it.
- Chassis display UI for associated parts
  - Able to see all of the devices at a site and next to each device should be a "+" which would expand that device to list all of the cards in that device.
- Maintain a chain of history of serial number swaps.
- Dashboard featuring customizable widgets.
- Incident and case management functionality.
- Cisco Totalcare integration.

Using SMARTtracker

- **Adding New Purchases.** All new SMARTnet purchases are automatically loaded into SMARTtracker within 48 hours of CDW•G placing the SMARTnet order with Cisco.
- **Removing Products.** Requested products are removed from contract by utilizing the decommission functionality within SMARTtracker. The customer sets the date they would like the item(s) to be terminated from contract, this triggers an incident opened with the customer's dedicated SMARTnet Solutions Specialist. This specialist works with Cisco to calculate the potential credit for time remaining. If a credit is approved, a credit memo is issued to the customer's account which can be used towards any future CDW purchase, invoice, or SMARTnet purchase.

Note: Cisco has a 60-day termination policy so all credits are calculated based on 60 days from the requested cancellation date, through the coverage end date for that item.

- **Granting Types of Access.** SMARTtracker customers can be granted read/write, read/only or full administration access to the tool ensuring that only approved individuals have access to make changes to their SMARTnet contracts. When new

users are set up, the customer establishes the type of access to be granted to the users.

- **Upgrading SMARTnet.** To upgrade a SMARTnet agreement the customer sends an email to their dedicated SMARTnet Specialist including asset serial numbers and the new service level they would like quoted. The Solution Specialist creates an upgrade quote and calculates the applicable credit When the Solution Specialist returns the quote back to the customer, the credit for time remaining at the lower service level is already included in the cost of the upgrade quote.

SMARTtracker Services

- A team of dedicated SMARTnet Specialists are assigned to each SMARTtracker customer account.
- When a customer makes a change to any part of their contract, a case is created with a unique incident number and is sent to the SMARTnet team for resolution. This unique incident number is viewable in SMARTtracker and allows for tracking throughout the change process.
- Our SMARTnet team will:
  - Ensure accuracy of inventory for moves, adds, changes, and removal of equipment.
  - Maintain co-terminus end dates of new maintenance purchases.
  - Provide proactive communication of SMARTnet renewal dates.
  - Research and offer optional payment and coverage options.

This highly skilled team can help you evaluate your Cisco inventory and propose the best maintenance packages by coverage, price and duration. The team is always available to assist you with any SMARTnet questions.

Creating Quotes

The CDW•G SMARTnet team creates orderable quotes that are co-terminated to the desired end date. A valid quote will be created after the hardware has shipped and serial numbers are made available. The SMARTnet team will provide a quote to your CDW•G sales team 48-72 hours after the receipt of the quote request. Depending on the quote request, SMARTnet quotes may be created same-day by your CDW•G Account Manager.

SMARTnet services available outside the US

SMARTnet services available outside the US will be delivered by Cisco based on services availability at a specific location. If a service can be delivered, CDW•G will provide a valid quotation based on the install site address provided by COA. Services sold with a US address cannot be transferred to a non-US address at a later time so CDW•G must be

provided the target install address before the SMARTnet sale. If services are not available at a particular non-US address, CDW will not be able to provide a quote.

CDW SMARTnet Methodology:

CDW•G has a proven implementation process for our Cisco SMARTnet customers to ensure they take full advantage of the CDW•G SMARTnet Portal. Upon execution of the appropriate contracts, your SMARTnet team will serve as the point of contact to ensure the Cisco SMARTnet services are executed per COA's requirements.

Phase I – Cisco SMARTnet Finalization

CDW•G will work with COA to clearly identify the final snapshot of the existing installed base of network equipment that will be covered along with the appropriate level of service under their Cisco SMARTnet agreement. CDW•G will also work with COA on the selection/transition of NOS or learning credits.

Phase II – Complete ordering of SMARTnet

The order will be processed by Cisco and contract numbers will be provided and entered into SMARTtracker.

Phase III – Granting Access

CDW•G will work with COA to clean up the list of users that should have access to SMARTnet, so that the contracts will be associated in accordance with COA operational and security specifications. SMARTtracker customers can grant read/write and read/only access to the tool ensuring that only approved individuals have access to make changes to their SMARTnet agreements. When new users are set up, the customer establishes the type of access to be granted to the users.

Phase IV – CDW SMARTtracker Training

Upon completion of the conversion, the assigned CDW•G SMARTnet specialist will work with COA to provide web-based training for the use of the Portal.

Phase V– Provide on-going Support

The CDW•G SMARTnet team will also be available for support along with your Sr. Account Manager.

CDW•G provides flexibility in working with our customers when it comes to moves, adds, and deletions. As mentioned earlier CDW•G's SMARTnet portal allows customer to view, manage, and maintain their Cisco SMARTnet contracts online.

ADDITIONAL CLARIFICATION ON CISCO CREDIT PROGRAM

Credits issued by Cisco to CDW-G to pass back to the customer [City of Austin], and can be used on CDW-G product.

Cisco has outlined the following with regard to Credit usage (in order of precedence):

1. Credits must be used within six months
2. Credits may not be applied to outstanding invoices, credits should only be applied to new invoices
3. Credits associated with decommissions will first be applied to the purchase of new services from Cisco;
4. Credits remaining unused after application to the purchase of new service may be applied to the purchase of new products from Cisco
5. Credits associated with tech refresh will first be applied to the purchase of new services from Cisco;
6. Credits remaining unused after application to the purchase of new service may be applied to the purchase of new products from Cisco
7. Credits associated with service-level changes will first be applied to the purchase of the upgraded services from Cisco;
8. Credits remaining unused after application to the purchase of new service may be applied to the purchase of new products from Cisco
9. Credits associated with takeovers will be applied by the incumbent reseller to the purchase of new products and services from Cisco
10. Credits associated with permitted cancellations shall be applied by the partner to the purchase of new products or services from Cisco

Credits are issued upon request to the incumbent reseller partner (CDW-G) for the unused portion of the service. If the credit is approved, the remainder of the contract will be terminated. As a reminder, credits are considered exceptions that require approval from Cisco except for Technology Migration and Service Level upgrade. Technology upgrades and service level upgrade credits are allowed and CDW-G works with Cisco to implement changes for those instances. Credits amounting to 10% or less of the annual contract value for that year are processed accordingly.

Cisco requires 60 day advanced notice for all Credit requests, and credits start 60 days from the date of submission. As such, the start date of the credit calculation shall be either the effective date of the service cancellation or 60 days after Cisco receipt of the service cancellation, whichever is later. Furthermore, all cancellations will incur a termination fee equal to 15 percent of the remaining services value of the services contract or service lines subject to the cancellation.

ADDITIONAL CLARIFICATION ON CDW SMARTtracker PROGRAM

SMARTtracker cannot currently (nor is there a roadmap to) ingest data directly from the Cisco collector. Contractor does however have the ability to manually input reports generated by the collector.

Cisco Refresh Policy

- A "Tech Refresh" requires a unit for unit (or capacity for capacity) replacement within the same category of Cisco product. Additionally, the replacement unit(s) must be replaced in the same place within the end customer's network architecture.
- The service on the new Cisco product must be at least co-terminus with the service on the removed product to be eligible for Tech Refresh credits.
- For a removal to be considered a Tech Refresh (and thereby be eligible for a credit), the equipment being removed must have current support (no gap in Services coverage).

If you are decommissioning an asset and replacing it with Cisco equipment you will not be charged the 15% termination fee. That fee is applied when an asset is decommissioned and not replaced with Cisco equipment.

Example of Credit Calculation:
After the 60 day notice is adjusted for, the remaining UNUSED service amount has a 15% termination fee applied. The remainder is the credit.

Example:
$120 for SmartNet at start of contract period.
Unused value when cancelled $100
60 day notice is deducted and remaining value is $80
15% termination fee is deducted and balance is $68
Credit is $68.

If Cisco is alerted of the decommission date 60 days in advance, then you can avoid the 60 day deduction. Then it's just the 15% termination fee.

These terms and conditions are included for reference only and are subject to change by Cisco

CITY OF AUSTIN

60 month SMARTnet Renewal

The following items are included as a one-time offer in conjunction with the SmartNet renewal for a period of 60 months.

1. The following services are included in the renewal for the full term of the contract period.

SMARTnet Total Care

- Please see attached service description
- SMARTnet Total Care covers SMARTnet maintenance only, not subscriptions such as FirePOWER and Threat Defense

2. The following services are included in the renewal at no cost to the City for a period of one (1) Year.

Security Optimization Services

- Please see attached service description
- The Current Cost for this scope of services is $ 425,000.00
- This price is subject to change in future years. This is a customized service; price is according to the services and deliverables elected, and future pricing.

TSA Silver

- Please see attached service description
- The Current Cost for this scope of services is $ 275,000.00
- This price is subject to change in future years.

3. The following services are included in the renewal quote for years 2-5 of the contract term.

gTH. 3/1/17

TSA Bronze

- Please see attached service description
- The Current Cost for this scope of services is $ 500,000.00.
- This price is subject to change in future years.

Cisco Smart Net Total Care

Service Description

Contents

1. Overview

1.1 Smart Net Total Care

This document describes Cisco's Smart Net Total Care (SNTC) Device Level Support and Smart Capabilities

- TAC
- RMA
- Software Download (Including Collection Software and Technical Support (TS) Smart Applications where available)
- Cisco.com (Including Smart Enabled Portal where available)

For more detailed information on Cisco Smart Net Total Care, go to http://www.cisco.com/go/sntc.

Note: This document should be read in conjunction with the following documents also posted at www.cisco.com/go/servicedescriptions/: (1) Glossary of Terms; (2) List of Services Not Covered; and (3) Severity and Escalation Guidelines. All capitalized terms in this description have the meaning ascribed to them in the Glossary of Terms.

1.2 Cisco Branded Service

Smart Net Total Care is a Cisco Branded Service.

- **Direct Sale from Cisco.** If you have purchased these Services directly from Cisco, this document is incorporated into your Master Services Agreement (MSA) or equivalent services agreement with Cisco. In the event of a conflict between this Service Description and your MSA or equivalent services agreement, this Service Description shall govern. All capitalized terms not defined in the Supplemental Glossary of Terms at the end of this document have the meaning ascribed in the MSA or equivalent services agreement executed between you and Cisco.
- **Sale via Cisco Authorized Channel.** If you have purchased these Services through a Cisco Authorized Channel, this document is for description purposes only; it is not a contract between you and Cisco. The contract, if any, provided by your Cisco Authorized Channel, governing the provision of this Service will be the one between you and your Cisco Authorized Channel. All capitalized terms not defined in the Supplemental Glossary of Terms at the end of this document have the meaning ascribed in the Glossary of Terms in the Related Documents above.

For a copy of this or any other Cisco service descriptions, go to: www.cisco.com/go/servicedescriptions/

2. Cisco Responsibilities

Cisco shall provide the various Service described below as selected and detailed on the Purchase Order for which Cisco has been paid the appropriate fee.

2.1 Technical Support

Cisco Technical Assistance Center (TAC) access

- 24 hours per day and 7 days per week
- Assist with Product use, configuration, and troubleshooting issues.
- Cisco will respond within one (1) hour for all calls received during Standard Business Hours and for Severity 1 and 2 calls received outside Standard Business Hours. For Severity 3 and 4 calls received outside Standard Business Hours, Cisco will respond no later than the next Business Day.
- Manage problems according to the Cisco Severity and Escalation Guideline: http://www.cisco.com/web/about/doing_business/legal/service_descriptions/docs/Cisco_Severity_and_Escalation_Guidelines.pdf

Smart Portal access, TS Smart Applications and Collection Software is provided on a self-support basis where available:

- Cisco will enable Customer access to the Smart Portal and make available TS Smart Applications and Cisco-owned Collection Software for download and use by Customer.
- No Smart TAC Support will be provided as part of the foundation deliverables of this Service. Customers can self-support themselves by accessing the Cisco's SNTC Support Community forum and/or online training content made available at Cisco's SNTC website.
    - Direct Smart TAC. Customers needing direct Smart TAC support for any of the Smart Portal or Collection software can purchase such support under a separate maintenance service contract.

2.2 Online Access

Access to Cisco.com.

- This provides Customers with helpful technical and general information on Cisco Products as well as access to Cisco's on-line Software Center library. Please note that access restrictions identified by Cisco from time to time may apply.

Cisco Support Communities

- Access to SNTC Support Community

Smart Portal (where available).

- This is a web-based user interface to access Smart Net Total Care various reports, compiled through use of Smart capabilities.

2.3 Software Download

Operating System

- Work-around solutions or patches to reported Software problems using reasonable commercial efforts. Cisco will either make a Software patch available from the Cisco Software Central (www.cisco.com/go/software) or ship a Maintenance Release to Customer for the Product experiencing the problem.
- Updates where available and where Customer requests these for supported Software.
- If a Feature Set Upgrade is licensed, Customer will be entitled to Updates (subject to anything to the

contrary contained in this document or the Agreement) at the upgraded level for the licensed Hardware.

- Software releases and any supporting Documentation will be made available from the Cisco Software Central. Applicable supporting Documentation, if available, is limited to one copy per Software release. Customer can, however, purchase additional copies from Cisco.

Collection Software (where available)

- Cisco will provide the Customer use of Collector Software.
- Collector Software is provided by Cisco with the features enabled as the default configuration in order to collect data upon installation. Such collections will continue until such time as the Collector Software has been uninstalled.
- Collector Software developmental updates will be managed by Cisco, as appropriate.

2.4 Returns Material Authorization (RMA)

Advance Replacement services are subject to geographic and weight restrictions depending upon Customer's location.

- Customer may check availability by accessing Cisco's Service Availability Matrix at: http://tools.cisco.com/apidc/sam/search.do.
- Please note that destination country importation, compliance with US export controls and customs processes may condition actual delivery times. Advance Replacement to and from the European Union will be shipped Delivered Duty Paid (DDP) (Incoterms 2010). All other Advance Replacement will be shipped Delivered At Place (DAP) (Incoterms 2010), exclusive of any import duties, taxes and fees, where applicable. All Advance Replacement will be shipped using Cisco's preferred carrier, freight prepaid by Cisco. Requests for alternate carriers will be at Customer's expense. Chassis and line card Advance Replacement Service must be at the same level of coverage. Cisco will provide Customer with Advance Replacement(s) that are either new or equivalent to new.
- Cisco shall use commercially reasonable efforts to provide Customer with Hardware replacement services where available.

RMA Service Levels:

RMA Service Level	Description
24x7x2	Advance Replacement on a Two-Hour Response basis twenty-four (24) hours per day, seven (7) days per week, including Cisco-observed holidays.
24x7x4	Advance Replacement parts on a Four-Hour Response basis twenty-four (24) hours per day, seven (7) days per week, including Cisco-observed holidays.
8x5x4	Advance Replacement on a Four-Hour Response basis between 9:00 a.m. and 5:00 p.m. Depot Time the same Business Day, provided that Cisco's determination of Hardware failure has been made before 1:00 p.m. Depot Time. If Customer make a request after 1:00 p.m. Depot Time, Cisco will deliver the Advance Replacement the morning of the next Business Day.

8x5xNext Business Day	Where Next Business Day delivery is available, an Advance Replacement will ship the same day to arrive the next Business Day provided both the call and Cisco's diagnosis and determination of the failed Hardware have been made before 3:00 p.m., Depot Time. For requests after 3:00 p.m., Depot Time, the Advance Replacement will ship the next Business Day. Where Next Business Day delivery is not available, same day shipping will be provided. Under same day shipping, Advance Replacement will ship from the serving depot location that same Business Day, provided that Cisco's determination of Hardware failure has been made before 3:00 p.m. Depot Time. Determinations that occur after 3:00 p.m. Depot Time will be shipped the following Business Day.
8x7xNext Calendar Day	Where Next Calendar Day delivery is available, an Advance Replacement will ship to arrive the next calendar day provided that Cisco's determination of Hardware failure has been made before 3:00 p.m. Depot Time. If Customer makes a request after 3:00 p.m. Depot Time, Cisco will ship the Advance Replacement the next calendar day. Where 8x7xNext Calendar Day delivery is not available, same day shipping will be provided. Under same day shipping, Advance Replacement will ship from the serving depot location that same calendar day, provided that Cisco's determination of Hardware failure has been made before 3:00 p.m. Depot Time. Determinations that occur after 3:00 p.m. Depot Time will be shipped the following calendar day.
Non-RMA (SW)	In the event Customer elects to purchase this service level, Cisco will provide only technical support via TAC, access to Cisco.com, Software support for the Product and no Hardware replacement or onsite service will be performed.
Return for Repair	Not applicable for all Cisco Products. Customer returns failed Hardware to Cisco for repair. Failed Hardware is repaired or replaced/exchanged. All applicable engineering changes orders (ECO) are incorporated and the unit is fully tested to Cisco published specifications. Cosmetic repairs are performed in accordance with Cisco's or the Customer's defined cosmetic repair standard as mutually agreed upon, replacing any cracked, scratched or damaged covers as required. Additional charges may apply if Cisco determines the failed Hardware is beyond economic repair or no problem is found. Cisco will use commercially reasonable efforts to repair failed Hardware and ship repaired Hardware to Customer within thirty (30) days from receipt of failed Hardware by Cisco. On receipt of failed Hardware returned under an RMA number, a receipt notification e-mail or fax will be sent to Customer confirming receipt of failed Hardware and quantities received.

RMA Service Level Includes Onsite Support	Description
Onsite Support 24x7x2	Two Hour Response for Remedial Hardware Maintenance, twenty-four (24) hours per day, seven (7) days per week, including Cisco observed holidays.
Onsite Support 24x7x4	Four Hour Response for Remedial Hardware Maintenance twenty-four (24) hours per day, seven (7) days per week including Cisco observed holidays.
Onsite Support 8x5x4	Four Hour Response for Remedial Hardware Maintenance service between 9:00 a.m. and 5:00 p.m. Depot Time the same Business Day, together with parts, labor and materials, provided Cisco's determination that on-site

Onsite Support 8x7xNext Calendar Day	Only available on China Price List. Next-Calendar-Day Remedial Hardware Maintenance, together with parts, labor and materials, by 5:00 p.m. Depot Time provided Cisco's determination that onsite Service is required has been made before 3:00 provided for calls placed after 3:00 p.m. Depot Time). Where Next Calendar Day delivery of the parts is not available, same day shipping will be provided. Cisco will provide onsite support upon arrival of the parts.
Onsite Support 8x5xNext Business Day	Next-business-day Remedial Hardware Maintenance, together with parts, labor and materials, by 5:00 p.m. Depot Time provided Cisco's determination that onsite Service is required has been made before 3:00 p.m. Depot Time the prior day (otherwise, second Business Day will be provided for calls placed after 3:00 p.m. Depot Time). Where Next Business Day delivery of the parts is not available, same day shipping will be provided. Cisco will provide onsite support upon arrival of the parts.

2.5 Exception Service Levels for Specific Products

Additionally For UCS Product SKUs:

- Cisco's Unified Computing Systems ("UCS') products. Cisco TAC will work with Customers to diagnose problems or issues related to Product use and Third Party UCS Software integration questions. After Cisco employs reasonable efforts to isolate a Cisco Hardware or Software issue, in the event a product which is not included in the UCS Hardware and Software Interoperability Matrix on Cisco.com has been installed, Cisco may at its sole discretion, if it believes this component is the cause of the issue, request Customer to remove such component and replace it with a component which is included in the UCS Hardware and Software Interoperability Matrix prior to further troubleshooting. During the course of troubleshooting, if Cisco determines the problem resides with the Third Party UCS Product, then, upon request, Cisco will assist Customer in opening a case with Third Party UCS Supplier, subject to any support agreement in place between Customer and Third Party UCS Supplier
- To the extent it can, Cisco will assist Third Party UCS Supplier in its response and resolution of the Customer's case. If Customer elects to open a case directly with Third Party UCS Supplier, upon request, Cisco will provide relevant case information to Third Party UCS Supplier.

For UCS HW Only:

- For UCS products only and includes Onsite service levels only.
- Cisco Technical Assistance Center (TAC) access 24 hours per day, 7 days per week to assist with RMA determination for purposes of Hardware replacement. Cisco will respond no later than next Business Day for any calls received. Cisco will work with Customer to diagnose problems or issues related to Product use. After Cisco employs reasonable efforts to isolate a Cisco Hardware or Software issue, and in the event a product which is not included in the UCS Hardware and Software Interoperability Matrix located on Cisco.com has been installed, Cisco may at its sole discretion, if it believes this component is the cause of the issue, request Customer to remove such component and replace it with a component which is included in the UCS Hardware and Software Interoperability Matrix prior to further troubleshooting.

UCS – Onsite Troubleshooting

- In the event Customer purchases this service, if, during the course of troubleshooting a Unified Computing System (UCS) problem, Cisco Technical Assistance Center (TAC) determines the problem resides with a Hardware component, TAC will expedite a labor dispatch for field engineer to go to the Customer site to diagnose and/or isolate problems related to Product use. In the event the problem is not immediately known, TAC will continue troubleshooting to isolate the issue and determine if remote resolution is possible. If TAC determines that onsite support is necessary, TAC will dispatch a field engineer to the Customer site to aid in the ongoing troubleshooting to diagnose and/or isolate the problem. In either case, Cisco will provide a Four Hour Response for Remedial Hardware Maintenance service from the time its diagnosis and determination that a FRU is required.

- Cisco will also provide field engineer prioritized labor in support of parts replacements as required under external Field Notices specifically associated with product recalls but no onsite troubleshooting will be performed and any resulting action to address Field Notices is not subject to a Four Hour Response target.

UCS - Drive Retention Service

- In the event Customer purchases this service, if, during the course of troubleshooting a Unified Computing System (UCS) problem, Cisco Technical Assistance Center (TAC) determines the problem resides with a UCS Drive, Cisco authorizes Customer to retain the defective drive provided that the Customer completes and returns to Cisco a Certificate of Destruction.

Local Language Technical Support

- Where available, and subject to an additional fee, local language support for calls on all assigned severity levels may be available for specific product(s).

Post LDOS Products

- Provision of Services described herein is subject to approval by Cisco of Customer's request for extended support and such approval is conditioned upon Product type and configuration.

- Last Day of Support (LDoS) represents the date when Customers will no longer receive service and support for the Product. Applicable dates are identified in End of Life bulletins.

- After this date, all support services for the Product are unavailable unless technical services for Post LDoS described in this document have been purchased.

- Cisco will provide only Hardware Replacement defined as network services impacting problems that have been identified by the Customer to Cisco TAC and subsequently qualified via Cisco's normal evaluation process. Hardware Replacement will be provided according to the following terms and conditions: 1) Cisco TAC will use commercially reasonable efforts to work with the Customer to determine the locality of impact and to find a workaround for the problem. 2) If an alternative workaround is not possible during the term of support, then Cisco will make commercially reasonable efforts to provide a solution to remedy the problem. 3) If despite commercially reasonable efforts Cisco is unable to provide a Hardware Replacement, it may be necessary for the Customer to remove or upgrade the impacted Hardware to correct the problem.

- Cisco will provide only Critical Software Support defined as network services impacting bugs that have

been identified by the Customer to Cisco TAC and subsequently qualified via Cisco's normal evaluation process. If despite commercially reasonable efforts to address the Critical Software Support, Cisco is unable to provide a Software based solution, it may be necessary for the Customer to remove or upgrade the impacted Software based systems to correct the problem.

3. Customer Responsibilities

3.1 Cisco assumes that Customer will:

- Provide a priority level as described in the Cisco Severity and Escalation Guideline for all the calls Customer places.
- Provide, at Customer's expense, reasonable access to the Product through the Internet or via modem to establish a data communication link between Customer and the Cisco TAC engineer and systems passwords so that problems may be diagnosed and, where possible, corrected remotely.
- Provide thirty (30) days' Notice to Cisco of any requested addition(s) to Customer's Equipment List.
- Notify Cisco, using Cisco.com, of Product on the Equipment List which Customer has moved to a new location within thirty (30) days of such relocation. Please be aware that the Services will be provided to Customer beginning thirty (30) days after receipt of Customer's notification. Cisco will also need Customer to notify Cisco of any modification to the Product and configuration including upgrades or changes to FRUs not in the original configuration within five (5) days of such modification. Note: Not applicable for Products supported under Return for Repair Service
- Provide current shipment contact information as follows: contact name, title, address, telephone number, e-mail address, and fax number.
- Provide valid and applicable serial numbers for all Product problems and issues reported to Cisco or where Customer is seeking information from Cisco in connection with Product use. Cisco may also require Customer to provide additional information in the form of location of the Product, city location details and zip code information.
- When requested, provide Cisco with a list of all personnel that Customer has authorized to contact Cisco or access Cisco.com for Services and to download Software from Cisco.com or ordered via Cisco's PUT. Customer is responsible for reviewing the list on an annual basis and adding or removing personnel as necessary. Note: Not applicable for Products supported under Return for Repair Service.
- Use the latest release of Software, where Cisco advises Customer that this will correct a reported Software problem.
- Defective parts must be returned within ten (10) calendar days of the ship date of the replacement part(s). For defective parts that have not been returned within thirty (30) calendar days after shipment of the replacement parts, Cisco reserves the right to charge liquidated damages equivalent to the full list price of the parts not returned in accordance with Cisco's return materials authorization (RMA) procedure located at www.cisco.com.
- Customer is responsible for proper packaging of the returned parts and must include a description of the failure and the written specifications of any changes or alterations made.
- Packages for replacement in accordance with this subsection shall be shipped by customer Delivered at

Place (DAP) (Incoterms 2010), including any applicable import duties, taxes and fees; however, customers under a current service maintenance contract for the replacement hardware or participating in Cisco's Trade In program may be able to schedule a pickup of authorized returns at no additional charge using Cisco's Product Online Web Returns (POWR) tool located at www.cisco.com.

- Defective parts that cannot be returned due to data security and are not covered under a UCS Drive Retention Service contract (as defined in Part IV of this document) may be eligible for destruction. Customer must receive prior written approval from Cisco using the authorized Asset Destruction Approval request form and agree to financial implications of destruction in accordance with Cisco's Statement of Policy Regarding the Removal of Data on Cisco Equipment located at: www.cisco.com/en/US/prod/policy_regarding_the_removal_of_data_on_cisco_equipment.pdf.
- Customer will provide a new Purchase Order prior to Cisco performance of any repairs for which Cisco is not obligated to support as defined under Services Not Covered.
- Customer should review receipt notification to confirm the failed Hardware and quantity of product received by Cisco.
- In the case of Return for Repair Service, failed Hardware must be received by Cisco within sixty (60) days of RMA issuance and Customer is responsible for delivering at its expense, the failed Hardware to Cisco's facility safely packaged and undamaged.
- Customer agrees to assist Cisco in troubleshooting failed Hardware down to the FRU level prior to initiating the RMA procedure.
- Provide an appropriate work environment and reasonable access, working space including heat, light, ventilation, electric current and outlets, and local telephone extension (or toll free domestic and international access to Cisco) for the use of Cisco's service personnel in the Product's physical location.
- Back-up Software images and configurations on a regularly scheduled basis and provide those images and configurations to Cisco's onsite personnel in connection with Remedial Hardware Maintenance.
- Ensure all Products are installed below ten (10) feet. For Products installed above four (4) feet, provide ladders that reach the height of the Product.
- Provide Cisco with the name of a point of contact prior to delivery of equipment by Cisco's personnel.
- Provide TFTP (Telnet File Transfer Protocol) capabilities or internet access for the purpose of downloading Software images by Cisco's onsite personnel.
- Provide safety and security protection of Cisco's personnel or its subcontractors for your unmanned sites.

3.2 Smart Portal and Software Collection (where available)

- By installing the Collector Software, the Customer acknowledges understand and agrees that Customer Network Information will be transmitted and used to generate reports regarding Customer's network and equipment.
- Upon installation on Customer's network, Collector Software will immediately begin communicating to a Cisco server via secure encryption to enable Cisco to discover information about the Products within Customer's network and such collections will continue until such time as the Collector Software has been uninstalled or collection features disabled. Upon termination of the Service or in the event the Collector Software has been uninstalled prior to termination of the Service, Customer must return Collector

Software to Cisco.

- Customer can elect to disable collection features of Collector Software or uninstall Collector Software at any time. By performing these actions, Customer understands that Cisco will be unable to provide certain elements of the Service and Cisco will not be responsible for performance of any obligations associated with Collector Software and the resulting level of service delivery will result in Customer primarily receiving Technical Support with limited or no Smart capabilities under the Service.
- Customer has the ability destroy any such Customer Network Information collected by Cisco and shown in the Portal at any time upon request otherwise Cisco will continue to protect the Customer Network Information consistent with terms of the Agreement between the parties and Cisco's data retention policy.
- Customer must provide the Collector Hardware, including the embedded operating system or Hypervisor, for performance of Services described herein.
- Customer is responsible for providing and obtaining all hardware, as specified by Cisco, necessary to support the Collector Software and collection process.
- Customer acknowledges that Cisco will only support generally available Products and Software releases/versions unless otherwise mutually agreed.
- Customer will permit the Collector Software to access all Customer network devices managed by the inventory collection process.
- Customer will provide data communication access for use by the Collector Software to transmit inventory data to Cisco and support of the Collector Software from a remote Cisco location.
- Customer will provide the Collector Software with Simple Network Management Protocol and OS-level Command Line Interface (CLI) access to all Cisco Product(s) covered under the Service.
- Customer will ensure that the Portal access is restricted to those Customer employee(s) or authorized contractor(s) who have a bona fide need to access the Portal and/or a need to know the contents of the output of the Collector Software.
- Perform an initial set-up:

    1) install the Collector Hardware in a secure area with limited physical access
    2) connect the Collector Hardware to the network
    3) secure Collector Hardware behind Customer's corporate firewall

3.3 Customers that have purchased the UCS Service Level - Drive Retention Service

- Destroy the defective UCS Drive at Customer's risk and expense and not return the defective drive to Cisco
- Provide Cisco with a Certificate of Destruction within thirty (30) days of receipt of the replacement Product; otherwise the replacement Product will be charged at the current List Price

4. Supplemental Glossary of Terms

4.1 Terms/Definitions

Term	Definition
Certificate of Destruction	Means the document which shall be signed by an authorized representative of the Customer, certifying that UCS Drive has been destroyed, located at http://www.cisco.com/web/about/doing_business/legal/service_descriptions/docs/Drive_Retention_CoD.pdf
Collector Hardware	Means a Customer-provided server which runs a Virtual Machine environment that in turn hosts Collector Software for the purposes of collecting information relating to installed Cisco device configuration and inventory.
Collector Software or Collection Software	Means a network profiling software tool, which runs on the Collector Hardware, used for the purposes of collecting information relating to installed Cisco device configuration and inventory.
Customer Network Information	Means the information about Customer's network that is collected, stored and analyzed in connection with the Service and may include, without limitation, the following information: configurations (including running configurations and startup configurations), product identification numbers, serial numbers, host names, equipment locations, IP addressed, system contracts, equipment models, feature sets, software versions, hardware versions, installed memory, installed flash, boot versions, chassis series, exceptions to such information (e.g., duplicate host name, duplicate IP address, device running interim release image), slot IDs, card types, card families, firmware versions, and other network and inventory information as deemed appropriate by Cisco.
Hypervisor	Means a software program that manages multiple operating systems, or multiple instances of the same operating system, on a single computer system
Independent Software Vendor	Supplier of Third Party Software
Smart	Means the utilization of automated software-enabled capabilities that collect network diagnostic data, analyzed and compared with Cisco's deep knowledge base to provide actionable insight.
Smart Enabled Portal or Portal	A web-based user interface to access Smart Net Total Care reports.
SNTC Support Community	Means the support forum located at cisco.com that addresses SNTC related items.
Third Party UCS Product	Non-Cisco hardware or software Customer has acquired directly from Third Party UCS Supplier that is used within the Unified Computing solution.
Third Party UCS Software	Software developed by an Independent Software Vendor. This software may include both initial software releases and upgrades/updates developed after initial release by the Independent Software Vendor.
Third Party UCS Supplier	A provider of Third Party UCS Product to Customer.
TS Smart Applications	Means mobile applications for a phone or tablet that enables user to manage service contracts, amongst other features and can be downloaded through iTunes or Google Play. Application requirements and further information regarding the TS Smart Applications can be found at http://www.cisco.com/web/about/facts_info/apps/technicalsupport.html.
UCS Drive	A disk drive from the Cisco Unified Computing System B series or UCS C series only.

Exhibit C

City of Austin, Texas
NON-DISCRIMINATION AND NON-RETALIATION CERTIFICATION

City of Austin, Texas

Equal Employment/Fair Housing Office

To: City of Austin, Texas,

I hereby certify that our firm complies with the Code of the City of Austin, Section 5-4-2 as reiterated below, and agrees:

(1) Not to engage in any discriminatory employment practice defined in this chapter.

(2) To take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without discrimination being practiced against them as defined in this chapter, including affirmative action relative to employment, promotion, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training or any other terms, conditions or privileges of employment.

(3) To post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Equal Employment/Fair Housing Office setting forth the provisions of this chapter.

(4) To state in all solicitations or advertisements for employees placed by or on behalf of the Contractor, that all qualified applicants will receive consideration for employment without regard to race, creed, color, religion, national origin, sexual orientation, gender identity, disability, sex or age.

(5) To obtain a written statement from any labor union or labor organization furnishing labor or service to Contractors in which said union or organization has agreed not to engage in any discriminatory employment practices as defined in this chapter and to take affirmative action to implement policies and provisions of this chapter.

(6) To cooperate fully with City and the Equal Employment/Fair Housing Office in connection with any investigation or conciliation effort of the Equal Employment/Fair Housing Office to ensure that the purpose of the provisions against discriminatory employment practices are being carried out.

(7) To require of all subcontractors having 15 or more employees who hold any subcontract providing for the expenditure of $2,000 or more in connection with any contract with the City subject to the terms of this chapter that they do not engage in any discriminatory employment practice as defined in this chapter

For the purposes of this Offer and any resulting Contract, Contractor adopts the provisions of the City's Minimum Standard Non-Discrimination and Non-Retaliation Policy set forth below.

City of Austin
Minimum Standard Non-Discrimination and Non-Retaliation in Employment Policy

As an Equal Employment Opportunity (EEO) employer, the Contractor will conduct its personnel activities in accordance with established federal, state and local EEO laws and regulations.

The Contractor will not discriminate against any applicant or employee based on race, creed, color, national origin, sex, age, religion, veteran status, gender identity, disability, or sexual orientation. This policy covers all aspects of employment, including hiring, placement, upgrading, transfer, demotion, recruitment, recruitment advertising, selection for training and apprenticeship, rates of pay or other forms of compensation, and layoff or termination.

The Contractor agrees to prohibit retaliation, discharge or otherwise discrimination against any employee or applicant for employment who has inquired about, discussed or disclosed their compensation.

Further, employees who experience discrimination, sexual harassment, or another form of harassment should immediately report it to their supervisor. If this is not a suitable avenue for addressing their compliant, employees are advised to contact another member of management or their human resources representative. No employee shall be discriminated against, harassed, intimidated, nor suffer any reprisal as a result of reporting a violation of this policy. Furthermore, any employee, supervisor, or manager who becomes aware of any such discrimination or harassment should immediately report it to executive management or the human resources office to ensure that such conduct does not continue.

Contractor agrees that to the extent of any inconsistency, omission, or conflict with its current non-discrimination and non-retaliation employment policy, the Contractor has expressly adopted the provisions of the City's Minimum Non-Discrimination Policy contained in Section 5-4-2 of the City Code and set forth above, as the Contractor's Non-Discrimination Policy or as an amendment to such Policy and such provisions are intended to not only supplement the Contractor's policy, but will also supersede the Contractor's policy to the extent of any conflict.

UPON CONTRACT AWARD, THE CONTRACTOR SHALL PROVIDE THE CITY A COPY OF THE CONTRACTOR'S NON-DISCRIMINATION AND NON-RETALIATION POLICIES ON COMPANY LETTERHEAD, WHICH CONFORMS IN FORM, SCOPE, AND CONTENT TO THE CITY'S MINIMUM NON-DISCRIMINATION AND NON-RETALIATION POLICIES, AS SET FORTH HEREIN, **OR** THIS NON-DISCRIMINATION AND NON-RETALIATION POLICY, WHICH HAS BEEN ADOPTED BY THE CONTRACTOR FOR ALL PURPOSES WILL BE CONSIDERED THE CONTRACTOR'S NON-DISCRIMINATION AND NON-RETALIATION POLICY WITHOUT THE REQUIREMENT OF A SEPARATE SUBMITTAL.

Sanctions:

Our firm understands that non-compliance with Chapter 5-4 and the City's Non-Retaliation Policy may result in sanctions, including termination of the contract and suspension or debarment from participation in future City contracts until deemed compliant with the requirements of Chapter 5-4 and the Non-Retaliation Policy.

Term:

The Contractor agrees that this Section 0800 Non-Discrimination and Non-Retaliation Certificate of the Contractor's separate conforming policy, which the Contractor has executed and filed with the City, will remain in force and effect for one year from the date of filling. The Contractor further agrees that, in consideration of the receipt of continued Contract payment, the Contractor's Non-Discrimination and Non-Retaliation Policy will automatically renew from year-to-year for the term of the underlying Contract.

Dated this 28th day of February 2017

CONTRACTOR CDW Government LLC

Authorized Signature

Title Director, Program Sales

CDW·G

$ 5,826,689.56

CUSTOMER:	CITY OF AUSTIN		Account Manger Contact Information:
CONTACT:	MIKE LAMARRE		Quote Date: February 14, 2017
ADDRESS:	1124 S. IH-35 STE 300	**Account Manager:** Danielle Davenport	Prepared by: Danielle Davenport
	AUSTIN, TX 78704 US	**Contract:** Texas Cisco DIR TSO 2542	Phone: 312-705-3251
QUOTE #	170214B		Email: danigui@cdwg.com
REV #:	3		

QTY	PART #	DESCRIPTION	LIST COST	CONTRACT DISCOUNT	UNIT COST	EXT. COST
5-YEAR SMARTNET RENEWAL - RFQ EQUIPMENT LIST, FIREPOWER, AMP, SOURCEFIRE, PRIME						
1	16381650	5-Year SMARTnet Total Care Start Date: March 1, 2017 End Date: February 28, 2022	$ 6,790,835.78	28.26%	$ 4,871,745.59	$ 4,871,745.59
1	16559830	Reinstatement fee	$ 352,546.28	28.26%	$ 252,916.70	$ 252,916.70
1	16559830	Prime Infrastructure	$ 41,395.00	28.26%	$ 29,696.77	$ 29,696.77
1	4714453951	FirePOWER, AMP, ISE Plus, Apex	$ 794,895.01	50.00%	$ 397,447.51	$ 397,447.51
1	4714955325	Threat Defense Malware & URL Filtering	$ 785,379.96	65.00%	$ 274,882.99	$ 274,882.99

• ***Why CoA should renew the Security subscriptions:*** Firepower subscriptions on the City's FP8250 and AMP8350 devices are expired. Without Firepower services subscription the network traffic could be vulnerable to attacks. Each appliance was licensed for IPS, Advanced Malware and URL

- o Rule and Engine updates
- o Geolocation updates
- o Vulnerability updates
- o Cisco TAC software support

• By not receiving regular updates, these devices will not protect the network from the latest threats, leaving the users exposed to risk. Renew the Firepower subscriptions to continue to mitigate security attacks.

					SUBTOTAL	$ 5,826,689.56
					FREIGHT	$ -
					GRAND TOTAL	$ 5,826,689.56

Corporate Headquarters:
Will Call & Third Party Pickup
200 North Milwaukee Ave.
Vernon Hills, IL 60061

Please remit payment to:
CDW Government
75 Remittance Drive, Suite 1515
Chicago, IL 60675-1515

Exhibit D

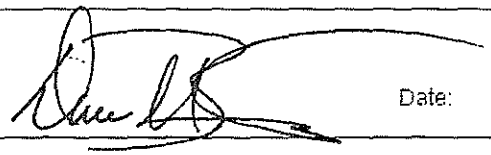
City of Austin, Texas

City of Austin, Texas
Section 0805
NON-SUSPENSION OR DEBARMENT CERTIFICATION

The City of Austin is prohibited from contracting with or making prime or sub-awards to parties that are suspended or debarred or whose principals are suspended or debarred from Federal, State, or City of Austin Contracts. Covered transactions include procurement contracts for goods or services equal to or in excess of $25,000.00 and all non-procurement transactions. This certification is required for all Vendors on all City of Austin Contracts to be awarded and all contract extensions with values equal to or in excess of $25,000.00 or more and all non-procurement transactions.

The Offeror hereby certifies that its firm and its principals are not currently suspended or debarred from bidding on any Federal, State, or City of Austin Contracts.

Contractor's Name: CDW Government LLC

Signature of Officer or Authorized Representative:  Date: 2/28/2017

Printed Name: Dario J. Bertocchi

Title: Director Programa Sales

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2017-172775

Date Filed:
02/28/2017

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
CDW Government LLC
Vernon Hills, IL United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
City of Austin

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
DIR-TSO-2542
Information Technology - MA 5600 NC170000020 Cisco SmartNet Total

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary

5 Check only if there is NO Interested Party. [X]

6 AFFIDAVIT

I swear, or affirm, under penalty of perjury, that the above disclosure is true and correct.

MATTHEW LUTHERAN
Notary Public
Connecticut
My Comm. Expires August 31, 2019

Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said Matt Flood, Proposals Supervisor, this the 28th day of February, 20 17, to certify which, witness my hand and seal of office.

Signature of officer administering oath	Printed name of officer administering oath	Title of officer administering oath
	Matt Lutheran	Notary Public