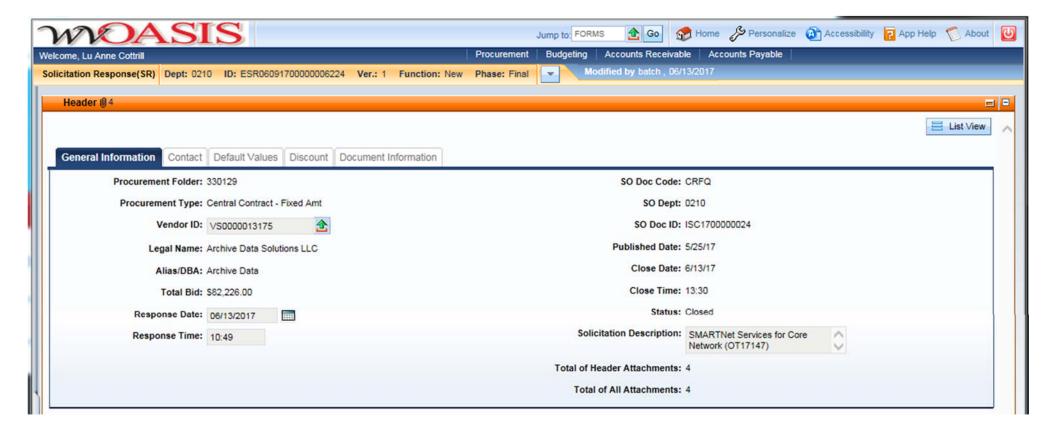
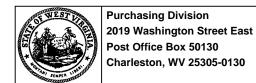


2019 Washington Street, East Charleston, WV 25305 Telephone: 304-558-2306 General Fax: 304-558-6026

Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at *wvOASIS.gov*. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at *WVPurchasing.gov* with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.





State of West Virginia Solicitation Response

Proc Folder: 330129

Solicitation Description: SMARTNet Services for Core Network (OT17147)

Proc Type: Central Contract - Fixed Amt

 Date issued
 Solicitation Closes
 Solicitation Response
 Version

 2017-06-13 13:30:00
 SR
 0210 ESR06091700000006224
 1

VENDOR

VS0000013175

Archive Data Solutions LLC

Archive Data

Solicitation Number: CRFQ 0210 ISC1700000024

Total Bid: \$82,226.00 **Response Date:** 2017-06-13 **Response Time:** 10:49:33

Comments:

FOR INFORMATION CONTACT THE BUYER

Stephanie L Gale (304) 558-8801 stephanie.l.gale@wv.gov

Signature on File FEIN # DATE

All offers subject to all terms and conditions contained in this solicitation

Page: 1 FORM ID: WV-PRC-SR-001

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Contract Item #1 Cisco SMARTNet 8x5xNBD or Equal	1.00000	EA	\$57,939.000000	\$57,939.00

Comm Code	Manufacturer	Specification	Model #	
81111812				

Extended Description:

3.1.1.1 The Vendor must provide Extended Service Agreement Cisco SMARTNet 8x5xNBD "or Equal" for the Cisco owned equipment listed on Exhibit A - Pricing Page.

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Contract Item #2 Cisco SMARTNet 8x5x4 or Equal	1.00000	EA	\$24,287.000000	\$24,287.00

Comm Code	Manufacturer	Specification	Model #	
81111812				

Extended Description:

3.1.2.1 The Vendor must provide Extended Service Agreement Cisco SMARTNet 8x5x4 "or Equal", for the Cisco owned equipment listed on Exhibit A - Pricing Page.



Purchasing Divison 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

State of West Virginia Request for Quotation 21 - Info Technology

	roc Folder: 330129 oc Description: SMAR	Net Services for Core Network (OT17147)	
Pr	oc Type: Central Contr	act - Fixed Amt	
Date Issued	Solicitation Closes	Solicitation No	Version
2017-05-25	2017-06-13	CRFQ 0210 ISC1700000024	1

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV 25305

US

VENDOR

Date

endor Name, Address and To			
ARCHIVE	DATA	Socu	TION.
1076	- 1 Pin 1	1 rect	DRIV

26-2657068 DATE 6

FOR INFORMATION CONTACT THE BUYER

Stephanie L Gale (304) 558-8801

stephanie.l.gale@wv.gov

FEIN# All offers subject to all terms and conditions contained in this solicitation

Page: 1

FORM ID: WV-PRC-CRFQ-001

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

	Bob Judge, Sales Director
(Name, Title)	
	Bob Judge, Sales Director
(Printed Name	and Title)
	697 Green Crest Drive, Westerville, OH 43081
(Address)	
	781-245-9291
(Phone Number	r) / (Fax Number)
	bjudge@archivedata.com
(email address)	

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Archive Data Spatemen SOL u TIONS	
Company)	_
mt Im	
Authorized Signature) (Representative Name, Title)	
Bob Judge, Sales Director	
Printed Name and Title of Authorized Representative)	
06-12-17	
Date)	
781-245-9291	
Phone Number) (Fax Number)	_

RFQ No. ISC 170000024

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tex administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-20-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

MILIMEGO THE LOFFOMILIAR SIGNATORS	<u></u> ~ 1	2
Vendor's Name: ARCILIV	EDATA SOLV	TIONS
Authorized Signature:	-////	Date: 6/13/17
State of Massoy huse		
County of Middleson, to-w	rit:	
Taken, subscribed, and sworn to before me	this 3 day of June	. 20 1 /2
My Commission expires	10 2020	
AFFIX SEAT HERE	NOTARY PUBLIC	10 Gtaus
AND WESTON OF THE		Purchasing Affidavit (Revised 07/01/2012)
10 6 2 may 20 0 1		
* []		
0.40		

Rev. 04/14

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37. (Does not apply to construction contracts). **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

1.	Application is made for 2.5% vendor preference for the reason checked: Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. ——	Application is made for 2.5% vendor preference for the reason checked: Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3.	Application is made for 2.5% vendor preference for the reason checked: Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4.	Application is made for 5% vendor preference for the reason checked: Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5.	Application is made for 3.5% vendor preference who is a veteran for the reason checked: Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6.	Application is made for 3.5% vendor preference who is a veteran for the reason checked: Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
7.	Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with <i>West Virginia Code</i> §5A-3-59 and <i>West Virginia Code of State Rules</i> . Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.
requirer against	inderstands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the ments for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency sted from any unpaid balance on the contract or purchase order.
authorize the requ	nission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and es the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid ired business taxes, provided that such information does not contain the amounts of taxes paid nor any other information by the Tax Commissioner to be confidential.
and acc	enalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true curate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate s during the term of the contract, Bidder will notify the Purchasing Division in whiting immediately.
Bidder:	Archive Data Styletongs Solveton Signed:
Date:	06-12-17 Title: Sales Director

Archive Data Solutions, a Cisco Partner, is submitting a Hybrid Maintenance proposal that meets or exceeds all the **Mandatory Contract Items Requirements** in West Virginia Request for Quotation SMARTNet Maintenance Services – OT17147 in **Section 3. GENERAL REQUIREMENTS:**

This Hybrid Maintenance proposal is a mix of Cisco SMARTnet and Tredent TDS-NetSupport maintenance services that includes the following:

<u>Phone Support:</u> 24 x 7 x 365 telephone support provided by Tredent Data Systems with Cisco Certified Engineers

Full Access to knowledge base at Cisco.com

<u>Software Updates</u> provided by Cisco via SMARTnet contracts when needed, to ensure equipment is operating effectively and efficiently at all times

<u>Hardware Replacement-</u> Next-Business-Day (NBD) hardware replacement after failure to resolve technical issues using phone support. Replacements to be received between 8:00 through 5:00 EST Monday through Friday.

<u>Cloud Cover Hybrid Maintenance Management Software-</u> Cloud based Hybrid Network Maintenance Management tool, free for ADS customers.

Please see attached Tredent TDS-NetSupport Data Sheet for more information and references on Tredent Data Systems.

EXHIBIT A – Pricing Page SMARTNet Maintenance Services - OT17147

Vendor:	Archive Data Sytems	
Date:	13-Jun-17	
Date.	15-juii-17	

Line Items	Model Number	Description	Serial Number	SMARTNet Number	SMARTNet Type	Alternate Part Number	Alternate Part Manufacturer and Model if bidding *or equal products	Unit of Measure	Quantity	Unit Cost	Extended Cost
		Contract Item #1: Extended Service Agreement - Cisco SMARTNet 8x5xNBD or Equal			8x5xNBD or Equal						
1	WS-C6513-E	Cisco Catalyst 6500 13-slot Chassis System	FXS1750Q1KB	CON-SNT-WS-C6513	8x5xNBD or Equal	TDS-NETSUP80-NBD	Tredent Data Systems	Each	1	\$ 8,301.50	\$ 8,301.50
2	WS-X6904-40G	DCEF2T 4 port 40GE / 16 port 10GE Rev. 1.0	SAL1807M1D2	included				Each	1		\$ -
3	WS-X6908-10G	DCEF2T 8 port 10GE Rev. 1.2	SAL17194MY5	included				Each	1		s -
4	WS-X6848-GF-TX	CEF720 48 port 10/100/1000mb Ethernet Rev. 1.0	SAL1808MEGY	included				Each	1		\$ -
5	WS-X6824-SFP	CEF720 24 port 1000mb SFP Rev. 1.0	SAL1744FRPD	included				Each	1		S -
		VS-SUP2T-10G 5 ports Supervisor Engine 2T 10GE w/ CTS				İ					e
6	VS-SUP2T-10G	Rev. 1.7	SAL1806LRLT	included				Each	1		2 -
7	VS-SUP2T-10G	VS-SUP2T-10G 5 ports Supervisor Engine 2T 10GE w/ CTS Rev. 1.7	SAL172261SL	included				Each	1		\$ -
8	WS-C6513-E-FAN 1	Enhanced 13-slot Fan Tray 1	DCH174400QW	included		†		Each	1		\$ -
9	WS-CAC-6000W	AC power supply, 6000 watt 1	AZS17480CU0	included				Each	1		\$ -
10	WS-CAC-6000W		AZS17480CTY	included				Each	1		s -
11	ASA5550-BUN-K9	ASA 5550 Adaptive Security Appliance	JMX1240L23W	CON-SNT-AS5550B	8x5xNBD or Equal			Each	1	\$1,724.50	\$ 1,724.50
12	ASA5550-BUN-K9	ASA 5550 Adaptive Security Appliance	JMX1240L23X	CON-SNT-AS5550B	8x5xNBD or Equal			Each	1	\$1,724.50	\$ 1,724.50
13	ASA5550-BUN-K9	ASA 5550 Adaptive Security Appliance	JMX1504L285	CON-SNT-AS5550B	8x5xNBD or Equal			Each	1	\$1,724.50	\$ 1,724.50
14	WS-C4506-E	WS-C4506-E 6 slot switch	FOX1402GA2A	CON-SNT-C4506E	8x5xNBD or Equal	TDS-NETSUP9-NBD	Tredent Data Systems	Each	1	\$970.00	\$ 970.00
15	WS-X45-SUP6L-E	Supervisor 6L-E 10GE (X2), 1000BaseX (SFP)with 2 10GE X2 ports	JAE14080BMT	included	,		,	Each	1		
16	WS-X4506-GB-T	6 Dual media SFP or 10/100/1000BaseT (RJ45)V voice power ports	JAE10170ZWX	included				Each	1		
17	WS-X4648-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT	JAE140423GW	included				Each	1		
	WS-X4648-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT	JAE14041VJM	included				Each	1		
19	WS-X4648-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT	JAE14030SLS	included				Each	1		
	PWR-C45-4200ACV		AZS13490M83	included				Each	1		
	PWR-C45-4200ACV		AZS13450BM1	included				Each	1		
22	WS-C4506-E		FOX1402G0J3	CON-SNT-C4506E	8x5xNBD or Equal	TDS-NETSUP9-NBD	Tredent Data Systems	Each	1	\$970.00	\$ 970.00
23	WS-X45-SUP6L-E	Supervisor 6L-E 10GE (X2), 1000BaseX (SFP)with 2 10GE X2 ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	JAE140800QJ	included				Each	1		\$ -
24	WS-X4648-RJ45V+E	baseT 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	JAE14042BKE	included				Each	1		s -
25	WS-X4648-RJ45V+E	baseT	JAE140429AL	included				Each	1		S -
26	WS-X4648-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT	JAE14052X2E	included				Each	1		\$ -
	PWR-C45-4200ACV	Power Supply (AC 4200W)	AZS13490M86	included				Each	1		\$ -
	PWR-C45-4200ACV		AZS13500S26	included				Each	1		\$ -
29 30	WS-X6748-GE-TX	Catalyst 6500 9-slot Chassis System WS-X6748-GE-TX CEF720 48 port 10/100/1000mb Ethernet Rev. 4.1	SMG1501N00K SAL145133GZ	CON-SNT-WS-C6509 included	8x5xNBD or Equal	TDS-NETSUP34-NBD	Tredent Data Systems	Each Each	1	\$3,412.50	\$ 3,412.50 \$ -
31	WS-X6148A-GE-45AF	WS-X6148A-GE-45AF 48-port 10/100/1000 RJ45 EtherModule Rev. 4.1	SAL145130PB	included				Each	1		s -
32	VS-S720-10G	VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4.0	ISAL150149MM	included				Each	1		\$ -
33	VS-S720-10G	VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4.0 7600-SIP-200 0 ports 4-subslot SPA Interface Processor-	SAL15024HCR	included				Each	1		s -
34	7600-SIP-200	200 Rev. 2.303	JAE14430HCL	CON-SNT-7600SIP2	8x5xNBD or Equal	TDS-NETSUP9-NBD	Tredent Data Systems	Each	1	\$911.00	\$ 911.00
35	SPA-2XT3/E3		JAE14350SP5	CON-SNT-2XT3E3		TDS-NETSUP2-NBD	Tredent Data Systems	Each	1	\$207.00	\$ 207.00
36	ASR1002	Cisco ASR1002 Chassis	FOX1446G2M9	CON-SNT-ASR1002	8x5xNBD or Equal	TDS-NETSUP10-NBD	Tredent Data Systems	Each	111	\$1,062.50	\$ 1,062.50
	SPA-8X1GE-V2		JAE150609XT	included				Each Each	1		\$ - \$
38	SPA-1X10GE-L-V2		SAL1812NSGU	included	ļ	<u> </u>					-
	ASR1002	Cisco ASR1002 Chassis	FOX1447G266	CON-SNT-ASR1002	8x5xNBD or Equal	TDS-NETSUP10-NBD	Tredent Data Systems	Each	1	\$1,062.50	\$ 1,062.50
40	SPA-8X1GE-V2	8-port Gigabit Ethernet Shared Port Adapte	JAE1509053M	included	-			Each	1		\$ -
41	SPA-1X10GE-L-V2	1-port 10 Gigabit Ethernet Shared Port Adapter XFP based		included				Each	1		s -
42	ASR1002	Cisco ASR1002 Chassis	FOX1448GW3R	CON-SNT-ASR1002	8x5xNBD or Equal	TDS-NETSUP10-NBD	Tredent Data Systems	Each	1	\$1,062.50	\$ 1,062.50

43	SPA-8X1GE-V2	8-port Gigabit Ethernet Shared Port Adapte	JAE1509052M	included	1	1	1	Each			
43	SPA-8X1GE-V2	8-port Gigabit Ethernet Shared Port Adapte	JAE1509052M	included					1		S -
44	SPA-1X10GE-L-V2	1-port 10 Gigabit Ethernet Shared Port Adapter XFP based	SAL1737CQRV	included				Each	1		\$ -
45	N5K-C5548P	Nexus 5548P	SSI14440CWH	CON-SNT-C5548P	8x5xNBD or Equal	TDS-NETSUP8-NBD	Tredent Data Systems	Each	1	\$840.00	\$ 840.00
46	N5K-C5548P	O2 32X10GE/Modular Superviso	JAF1504ADRS	included				Each	1		\$
47	N55-M8P8FP	O2 8X10GE + 8x1/2/4/8G FC Module	JAF1447DCLM	included				Each	1		\$ -
48	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI14470DK5	CON-SNT-N2248T	8x5xNBD or Equal	TDS-NETSUP1-NBD	Tredent Data Systems	Each	1	\$118.00	\$ 118.00
49	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI144807BC	CON-SNT-N2248T	8x5xNBD or Equal	TDS-NETSUP1-NBD	Tredent Data Systems	Each	1	\$118.00	\$ 118.00
50	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI144805EF	CON-SNT-N2248T	8x5xNBD or Equal	TDS-NETSUP1-NBD	Tredent Data Systems	Each	1	\$118.00	\$ 118.00
51	N2K-C2232PP-10GE	N2K 10GE, 2 AC PS, 1 Fan (Std Air), 32x1/10GE+8x10GE	SSI152602G4	CON-SNT-N2248T	8x5xNBD or Equal	TDS-NETSUP1-NBD	Tredent Data Systems	Each	1	\$118.00	\$ 118.00
52	WS-C6513-E	Cisco Systems, Inc. Catalyst 6500 13-slot Chassis System	FOX1448G1TY	CON-SNT-C6513E	8x5xNBD or Equal	TDS-NETSUP57-NBD	Tredent Data Systems	Each	1	\$5,775.00	\$ 5,775.00
53	VS-S720-10G	VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4.	SAL15024HD3	included				Each	1		s -
54	VS-S720-10G	VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4.	SAL15024PRE	included				Each	1		s -
55	WS-X6748-GE-TX	WS-X6748-GE-TX CEF720 48 port 10/100/1000mb Ethernet Rev. 4.1	SAL145133L6	included				Each	1		s -
56	ACE20-MOD-K9	ACE20-MOD-K9 1 ports Application Control Engine Module Rev. 2.6	SAL1450289R	CON-SNT-ACE20MOD	8x5xNBD or Equal	TDS-NETSUP31-NBD	Tredent Data Systems	Each	1	\$3,162.00	\$ 3,162.00
57	7600-SIP-200	7600-SIP-200 0 ports 4-subslot SPA Interface Processor- 200 Rev. 2.303 2-port 13/E3 Serial Shared Port Adapte	JAE14430HCM	CON-SNT-7600SIP2	8x5xNBD or Equal	TDS-NETSUP9-NBD	Tredent Data Systems	Each	1	\$911.00	\$ 911.00
58 59	SPA-2XT3/E3 ASA5580-40-10GE-K9	ASA 5580-40 Adaptive Security Appliance	JAE14350SPL USE103N33F	CON-SNT-2XT3E3 CON-SNT-A85S42K9		TDS-NETSUP2-NBD	Tredent Data Systems	Each	1	\$207.00	\$ 207.00
60	C2951-CME-SRST/K9	CISCO2951/K9 chassis	FTX1633A04E	CON-SU1-2951CMST	8x5xNBD or Equal 8x5xNBD or Equal			Each Each	1	\$8,519.50 \$732.00	\$ 8,519.50 \$ 732.00
61	WS-C4510R+E	WS-C4510R+E 10 slot switch	FXS1630Q0KN	CON-SNT-C4510R+E		TDS-NETSUP26-NBD	Tredent Data Systems	Each Each	1	\$732.00 \$2,625.00	\$ 732.00 \$ 2,625.00
01	OTOTOTE	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	. AG 1000QUKIN	55.7-0111-04510RTE	OVOVIADD OI Edngi	TEG INETGOL 20-NDD	Frederit Data Systems			92,023.00	2,023.00
62	WS-X4748-UPOE+E	baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT1631L458	included	1			Each	1		S -
63	WS-X4748-UPOE+E	baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT1631L5EH	included	1			Each Each	1		2 -
64	WS-X4748-UPOE+E	baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT1630L2TF	included							
65	WS-X4748-UPOE+E	baseT UPOE ports Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+	CAT1649L3NE	included				Each	1		s -
66 67	WS-X45-SUP7-E WS-X4582+E	Ports FanTray	CAT1633L1ZA FXS1629Q27Y	included included				Each	1		s -
68	PWR-C45-6000ACV	Power Supply (AC 6000W)	DTM163300H6	included				Each	1		\$ -
	PWR-C45-6000ACV	Power Supply (AC 6000W)	DTM163300HB	included				Each	1		\$ -
70	WS-C4510R+E	WS-C4510R+E 10 slot switch	FXS1630Q0TQ	CON-SNT-C4510R+E	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each	1	\$2,625.00	\$ 2,625.00
71	WS-X4748-UPOE+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports	CAT1633L37B	included				Each	1		s -
72	WS-X4748-UPOE+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports	CAT1629L5WH	included				Each	1		s -
73	WS-X4748-UPOE+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT1649L202	included				Each	1		s -
74	WS-X4748-UPOE+E	baseT UPOE ports Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+	CAT1630L36T	included				Each	1		s -
75	WS-X45-SUP7-E	Ports	CAT1633L309	included				Each	1		\$ -
76	WS-X4582+E	FanTray	FXS1629Q1ZX	included				Each	1		\$ -
	PWR-C45-6000ACV	Power Supply (AC 6000W)	AZS16340AGZ	included				Each	1		\$ -
78	PWR-C45-6000ACV	Power Supply (AC 6000W)	AZS16340AGG	included		mp a virmavina () = =	m 1 · P · C	Each	1	00.00	\$ -
79	WS-C4510R+E	WS-C4510R+E 10 slot switch 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	FXS2003Q2TX	CON-SNT-C4510R+E	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each	1	\$2,625.00	\$ 2,625.00
80	WS-X4748-RJ45V+E	10/100/1000Base I (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT2002L75K	included				Each	1		s -
81	WS-X4748-RJ45V+E	baseT Premium PoE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT2002L75B	included				Each	1		s -
82	WS-X4748-RJ45V+E	baseT Premium PoE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT2011L0C7	included				Each	1		s -
83	WS-X4748-RJ45V+E	baseT Premium PoE ports Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+	CAT2011L0C7	included				Each	1		\$ -
84	WS-X45-SUP8-E	Ports Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+	CAT2011L5EG	included				Each	1		\$ -
85 86	WS-X45-SUP8-E WS-X4582+F	Ports FanTray	CAT2011L5GG FXS2002Q5DJ	included included				Each Each	1		s -
87	PWR-C45-6000ACV	Power Supply (AC 6000W)	ART1952FAEK	included	1			Each	1		\$ -
	PWR-C45-6000ACV	Power Supply (AC 6000W)	ART1952FEUN	included				Each	1		\$ -
89	WS-C4510R+E	WS-C4510R+E 10 slot switch	FXS2003Q2V9	CON-SNT-C4510R+E	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each	1	\$2,625.00	\$ 2,625.00
90	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2002L703	included				Each	1		s -
91	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2002L75T	included				Each	1		s -
92	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2011L0DW	included				Each	1		s -
93	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2011L0P6	included				Each	1		s -
94	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2002L6K8	included				Each	1		s -

95	WS-X45-SUP8-E	Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+ Ports	CAT2011L5F8					Each	1		\$
95	WS-X45-SUP8-E	Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+	CA12011L5F8	included							
96	WS-X45-SUP8-E	Ports	CAT2010L5C7	included				Each	1		S
	WS-X4582+E	FanTray	FXS2002Q5DQ	included				Each	1		\$
98	PWR-C45-6000ACV	Power Supply (AC 6000W)	ART1952FEUG	included				Each	1		\$
99	PWR-C45-6000ACV	Power Supply (AC 6000W)	ART1952FEUJ	included				Each	1		\$
100	WS-C4510R+E	WS-C4510R+E 10 slot switch	FXS2020Q11E	CON-SNT-C4510R+E	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each	1	\$2,625.00	\$ 2,625
101	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2003L0KG	included				Each	1		\$
102	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2002L73N	included				Each	1		\$
103	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2002L6NT	included				Each	1		s
104	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2011L174	included				Each	1		\$
105	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT20112L2TX	included				Each	1		\$
		10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000						Each	1		\$
106	WS-X4748-RJ45V+E	baseT Premium PoE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT2011L0DA	included				Each	1		s
107	WS-X4748-RJ45V+E	baseT Premium PoE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT2011L0U0	included				Each	1		•
108	WS-X4748-RJ45V+E	baseT Premium PoE ports Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+	CAT2002L6RU	included							3
109	WS-X45-SUP8-E	Ports Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+	CAT2012L2TX	included				Each	1		s
110	WS-X45-SUP8-E	Ports	CAT2012L3U4	included				Each	1		\$
111	WS-X4582+E	FanTray	FXS2019Q4XK	included	1	i		Each	1		\$
112	PWR-C45-6000ACV	Power Supply (AC 6000W)	ART1952FAE7	included	İ	İ		Each	1		\$
113	PWR-C45-6000ACV	Power Supply (AC 6000W)	DTM201101NE	included	İ	İ		Each	1		\$
114	ASR1002	Cisco ASR1002 Chassis	FOX1439GDQM	CON-SNT-ASR1002	8x5xNBD or Equal	TDS-NETSUP10-NBD	Tredent Data Systems	Each	1	\$1,062.50	\$ 1,062
115	SPA-8X1GE-V2	8-port Gigabit Ethernet Shared Port Adapte	JAE14530C91	included		İ		Each	1		\$
116	SPA-1X10GE-L-V2	1-port 10 Gigabit Ethernet Shared Port Adapter XFP based		included	<u> </u>	<u> </u>	<u> </u>	Each	1	<u> </u>	2
			Total Overall Cos	t of Contract Item #1: Extend	led Service Agreen	nent - Cisco SMARTNet 8x5xN	BD or Equal				\$ 57,939.
							* ****				,
		Contract Hem #2: Extended Service Agreement – Cisco SMARTNet 8x5x4 or Equal			8x5x4 or Equal						
117	N7K-C7010	Nexus7000 C7010 (10 Slot) Chassis	JAF1527DPDD	CON-SNTE-C7010	8x5x4 or Equal	TDS-NETSUP73-4	Tredent Data Systems	Each	1	\$7,302.00	\$ 7,302
118	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$171.00	\$ 171
119	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI15230AXX	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$171.00	\$ 171
120	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI15250197	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$171.00	\$ 171
121	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152101SW	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$171.00	\$ 171
122	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152101EZ	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$171.00	s 171
123	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405TG	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$171.00	s 171
124	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152403YW	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$171.00	\$ 171
125	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152101V6	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$171.00	s 171
126	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152101SS	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$171.00	\$ 171
127	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152403ZZ	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$171.00	\$ 171

128	ASA5585-S40-2A-K9	ASA 5585-X Chas with SSP40,6GE,4SFP+,2GE Mgt,2 AC,3DES/AES	JMX1538702V	CON-SNTE-A85S42K9	8x5x4 or Equal			Each	1	\$11,075.50	s	11,075.50
129	ACE-4710-2F-K9	ACE 4710 Hardware-2Gbps-7500 SSL-1GbpsComp-5VC- 50AppAccelAppliance		CON-SNTE-ACE47102	8x5x4 or Equal	TDS-NETSUP41-4	Tredent Data Systems	Each	1	\$4,199.50	s	4,199.50
			Total Overall C	ost of Contract Item #2: Exte	nded Service Agre	ement – Cisco SMARTNet 8x5:	x4 or Equal				\$	24,287.00

			Total Overall C	ost of Contract Item #2: Exter	nded Service Agree	ement - Cisco SMARTNet 8x5	x4 or Equal				•	24,207.00
		Optional Renewal Year 2- Contract Item										l
		#1: Extended Service Agreement - Cisco SMARTNet 8x5xNBD or Equal			8x5xNBD or Equal							ŀ
												l
1	WS-C6513-E		FXS1750Q1KB	CON-SNT-WS-C6513	8x5xNBD or Equal	TDS-NETSUP80-NBD	Tredent Data Systems	Each	1	\$ 6,226.13	\$	6,226.13
	WO-00313-E		1 XO1130Q11B	0014-0111-110-00013	OXOXIVED OF Equal					ψ 0,220.13		
		DOFFERT 4 . 400F /40 . 4400F D . 40						Each	1		\$	-
2	WS-X6904-40G	DCEF2T 4 port 40GE / 16 port 10GE Rev. 1.0	SAL1807M1D2	included			-					
								Each	1		s	
3	WS-X6908-10G	DCEF2T 8 port 10GE Rev. 1.2	SAL17194MY5	included								
								Each	1		s	_
4	WS-X6848-GE-TX	CEF720 48 port 10/100/1000mb Ethernet Rev. 1.0	SAL1808MEGY	included								
5	WS-X6824-SFP	CEF720 24 port 1000mb SFP Rev. 1.(SAL1744FRPD	included				Each	1		\$	-
6	VS-SUP2T-10G	VS-SUP2T-10G 5 ports Supervisor Engine 2T 10GE w/ CTS Rev. 1.7	SAL1806LRLT	included				Each	1		S	-
		VS-SUP2T-10G 5 ports Supervisor Engine 2T 10GE w/ CTS						Each	1		\$	_
7 8	VS-SUP2T-10G WS-C6513-E-FAN 1	Rev. 1.7 Enhanced 13-slot Fan Tray 1	SAL172261SL DCH174400QW	included included				Each	1		•	
9	WS-C6513-E-FAN 1 WS-CAC-6000W	AC power supply, 6000 watt 1	AZS17480CU0	included	 		<u> </u>	Each Each	1		S	-
10	WS-CAC-6000W	AC power supply, 6000 watt 1	AZS17480CTY	included				Each	1		\$	-
11	ASA5550-BUN-K9	ASA 5550 Adaptive Security Appliance	JMX1240L23W	CON-SNT-AS5550B	8x5xNBD or Equal			Each	1	\$1,293.38	\$	1,293.38
12	ASA5550-BUN-K9	ASA 5550 Adaptive Security Appliance	JMX1240L23X	CON-SNT-AS5550B	8x5xNBD or Equal			Each	1	\$1,293.38	\$	1,293.38
13	ASA5550-BUN-K9 WS-C4506-E	ASA 5550 Adaptive Security Appliance WS-C4506-E 6 slot switch	JMX1504L285 FOX1402GA2A	CON-SNT-AS5550B CON-SNT-C4506E	8x5xNBD or Equal	and a vicinal inc. vin.	Tredent Data Systems	Each Each	1	\$1,293.38	s	1,293.38 727.50
14	WS-C4506-E	Supervisor 6L-E 10GE (X2), 1000BaseX (SFP)with 2 10GE	FOX 1402GAZA	CON-5N1-C4506E	8X5XNBD or Equal	TDS-NETSUP9-NBD	Tredent Data Systems		1	\$727.50	3	121.50
15	WS-X45-SUP6L-E	X2 ports	JAE14080BMT	included				Each	1			
16	WS-X4506-GB-T	6 Dual media SFP or 10/100/1000BaseT (RJ45)V voice power ports	JAE10170ZWX	included				Each	1			
16	WS-X450b-GB-1	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	JAE10170ZWX	included			+					
17	WS-X4648-RJ45V+E	baseT	JAE140423GW	included				Each	1			
18	WS-X4648-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT	JAE14041VJM	included				Each	1			ļ
10	VV3*X4046*KJ45VTE	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	JAE 1404 I VJWI	included								
19	WS-X4648-RJ45V+E	baseT	JAE14030SLS	included				Each	1			
20 21	PWR-C45-4200ACV PWR-C45-4200ACV	Power Supply (AC 4200W) Power Supply (AC 4200W)	AZS13490M83 AZS13450BM1	included included				Each Each	1			
22	WS-C4506-E	WS-C4506-E 6 slot switch	FOX1402G0J3	CON-SNT-C4506E	8y5yNRD or Equal	TDS-NETSUP9-NBD	Tredent Data Systems	Each	1	\$727.50	\$	727.50
		Supervisor 6L-E 10GE (X2), 1000BaseX (SFP)with 2 10GE						Each	1	0.2		
23	WS-X45-SUP6L-E	X2 ports	JAE140800QJ	included				Eacn	1		3	
24	WS-X4648-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT	JAE14042BKE	included				Each	1		\$	-
		10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000		moladod				P. I	1			
25	WS-X4648-RJ45V+E	baseT 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	JAE140429AL	included			1	Each	1		a .	
26	WS-X4648-RJ45V+E	10/100/1000Base I (RJ45)+V E Series with 48 10/100/1000 baseT	JAE14052X2E	included				Each	1		S	-
27	PWR-C45-4200ACV	Power Supply (AC 4200W)	AZS13490M86	included				Each	1		\$	
	PWR-C45-4200ACV	Power Supply (AC 4200W)	AZS13500S26	included				Each	1		\$	-
29	WS-C6509-E	Catalyst 6500 9-slot Chassis System WS-X6748-GE-TX CEF720 48 port 10/100/1000mb	SMG1501N00K	CON-SNT-WS-C6509	8x5xNBD or Equal	TDS-NETSUP34-NBD	Tredent Data Systems	Each	1	\$2,559.38	S	2,559.38
30	WS-X6748-GE-TX	Ethernet Rev. 4.1	SAL145133GZ	included				Each	1	<u> </u>	\$	-
	WO VOLUM	WS-X6148A-GE-45AF 48-port 10/100/1000 RJ45	0114454					Each	1		s	-
31	WS-X6148A-GE-45AF	EtherModule Rev. 4.1	SAL145130PB	included			-					
32	VS-S720-10G	VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4.0	SAL150149MM	included				Each	1		S	-
33	VC 6720 10C	VS_S720-10G 5 ports Supervisor Engine 720 10CE Pay 11	ICAL 15004HCD	included				Each	1		\$	
33	VS-S720-10G	VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4.0 7600-SIP-200 0 ports 4-subslot SPA Interface Processor-	OMLIDUZ4FICK	included								
34	7600-SIP-200	200 Rev. 2.303	JAE14430HCL	CON-SNT-7600SIP2	8x5xNBD or Equal	TDS-NETSUP9-NBD	Tredent Data Systems	Each	1	\$683.25	s	683.25
35	SPA-2XT3/E3	2-port T3/E3 Serial Shared Port Adapte	JAE14350SP5	CON-SNT-2XT3E3		TDS-NETSUP2-NBD	Tredent Data Systems	Each	1	\$155.25	\$	155.25
36 37	ASR1002 SPA-8X1GE-V2	Cisco ASR1002 Chassis 8-port Gigabit Ethernet Shared Port Adapte	FOX1446G2M9 JAE150609XT	CON-SNT-ASR1002 included	8x5xNBD or Equal	TDS-NETSUP10-NBD	Tredent Data Systems	Each Each	1	\$796.88	\$	796.88
31	O. A-OATOL-VZ			monuded			 			1		
38	SPA-1X10GE-L-V2	1-port 10 Gigabit Ethernet Shared Port Adapter XFP based	SAL1812NSGU	included				Each	1		3	-
39 40	ASR1002 SPA-8X1GE-V2	Cisco ASR1002 Chassis 8-port Gigabit Ethernet Shared Port Adapte	FOX1447G266 JAE1509053M	CON-SNT-ASR1002	8x5xNBD or Equal	TDS-NETSUP10-NBD	Tredent Data Systems	Each	1	\$796.88	S	796.88
40	SEM-ON IGE-VZ	o-port Organic Ethernet Shared Fort Adapte	NCCOROCI ⊒VC	included		1		Each		l .	3	

	1				1					1	1	
41	SPA-1X10GE-L-V2	1-port 10 Gigabit Ethernet Shared Port Adapter XFP based	SAL1915DB2V	included				Each	1		S	-
42	ASR1002	Cisco ASR1002 Chassis	FOX1448GW3R	CON-SNT-ASR1002	8x5xNBD or Equal	TDS-NETSUP10-NBD	Tredent Data Systems	Each	1	\$796.88	s	796.88
43	SPA-8X1GE-V2	8-port Gigabit Ethernet Shared Port Adapte	JAE1509052M	included				Each	1		\$	-
								Each	1		e	
44	SPA-1X10GE-L-V2	1-port 10 Gigabit Ethernet Shared Port Adapter XFP based		included							*	
45 46	N5K-C5548P	Nexus 5548P O2 32X10GE/Modular Superviso	SSI14440CWH JAF1504ADRS	CON-SNT-C5548P	8x5xNBD or Equal	TDS-NETSUP8-NBD	Tredent Data Systems	Each	1	\$630.00	S	630.00
46	N5K-C5548P N55-M8P8FP	O2 8X10GE + 8x1/2/4/8G FC Module	JAF1504ADRS JAF1447DCI M	included included				Each Each	1		\$	-
47	NOO-WIGHTOFF	SE STITUSE T SKIPE TOO T S MODULE	JAF 1447 DCLIVI	included				Eacn	1		3	-
48	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI14470DK5	CON-SNT-N2248T	8x5xNBD or Equal	TDS-NETSUP1-NBD	Tredent Data Systems	Each	1	\$88.50	\$	88.50
											_	
49	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI144807BC	CON-SNT-N2248T	8x5xNBD or Equal	TDS-NETSUP1-NBD	Tredent Data Systems	Each	1	\$88.50	S	88.50
						TDS-NETSUP1-NBD	Tredent Data Systems	Each	1	\$88.50	e	88.50
50	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI144805EF	CON-SNT-N2248T	8x5xNBD or Equal	IDS-NEISUFI-NBD	Tredent Data Systems	Eacii	1	300.30	3	88.30
						TDS-NETSUP1-NBD	Tredent Data Systems	Each	1	\$88.50	s	88.50
51	N2K-C2232PP-10GE	N2K 10GE, 2 AC PS, 1 Fan (Std Air), 32x1/10GE+8x10GE	SSI152602G4	CON-SNT-N2248T	8x5xNBD or Equal						-	
52	WS-C6513-E	Cisco Systems, Inc. Catalyst 6500 13-slot Chassis System	FOX1448G1TY	CON-SNT-C6513E	0.5 NDD . 5	TDS-NETSUP57-NBD	Tredent Data Systems	Each	1	\$4,331.25	s	4,331.25
52	WS-C6513-E	Cisco Systems, Inc. Catalyst 6500 13-slot Chassis System	FUX1448G11Y	CON-SN1-C6513E	8x5xNBD or Equal							
53	VS-S720-10G	VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4.	SAL15024HD3	included				Each	1		\$	-
		, , ,						n .	1			
54	VS-S720-10G	VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4.	SAL15024PRE	included				Each	1		2	-
		WS-X6748-GE-TX CEF720 48 port 10/100/1000mb						Each	1		s	_
55	WS-X6748-GE-TX	Ethernet Rev. 4.1	SAL145133L6	included	1	1			·		1	
56	ACE20-MOD-K9	ACE20-MOD-K9 1 ports Application Control Engine Module Rev. 2.6	SAL1450289R	CON-SNT-ACE20MOD	8x5xNBD or Equal	TDS-NETSUP31-NBD	Tredent Data Systems	Each	1	\$2,371.50	S	2,371.50
- 50		7600-SIP-200 0 ports 4-subslot SPA Interface Processor-	22110020011	TOTAL STATE PROCESSINGS	SOM FEE OF Equal						1_	
57	7600-SIP-200	200 Rev. 2.303	JAE14430HCM	CON-SNT-7600SIP2	8x5xNBD or Equal	TDS-NETSUP9-NBD	Tredent Data Systems	Each	1	\$683.25	2	683.25
	SPA-2XT3/E3	2-port T3/E3 Serial Shared Port Adapte	JAE14350SPL	CON-SNT-2XT3E3		TDS-NETSUP2-NBD	Tredent Data Systems	Each	1	\$155.25	s	155.25
59	ASA5580-40-10GE-K9	ASA 5580-40 Adaptive Security Appliance	USE103N33F	CON-SNT-A85S42K9	8x5xNBD or Equal			Each	1	\$6,389.63	\$	6,389.63
60	C2951-CME-SRST/K9	CISCO2951/K9 chassis	FTX1633A04E	CON-SU1-2951CMST	8x5xNBD or Equal			Each	1	\$549.00	\$	549.00
61	WS-C4510R+E	WS-C4510R+E 10 slot switch	FXS1630Q0KN	CON-SNT-C4510R+E	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each	1	\$1,968.75	S	1,968.75
62	WS-X4748-UPOE+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports	CAT1631L458	included				Each	1		\$	-
- 02	WO-X4740-01 OL+L	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	OAT 1031E430	incided								
63	WS-X4748-UPOE+E	baseT UPOE ports	CAT1631L5EH	included				Each	1		s	-
		10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000						Each	1		s	_
64	WS-X4748-UPOE+E	baseT UPOE ports	CAT1630L2TF	included				Lucii			*	
65	WS-X4748-UPOE+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports	CAT1649L3NE	included				Each	1		\$	-
6.5	W3-X4740-0FOETE	Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+	CAT TO49LSINE	included								
66	WS-X45-SUP7-E	Ports	CAT1633L1ZA	included				Each	1		\$	-
67	WS-X4582+E	FanTray	FXS1629Q27Y	included				Each	1		\$	-
	PWR-C45-6000ACV	Power Supply (AC 6000W)	DTM163300H6	included				Each	1		\$	-
69	PWR-C45-6000ACV	Power Supply (AC 6000W)	DTM163300HB	included				Each	1		\$	-
70							Tredent Data Systems					
70	WS-C4510R+E	WS-C4510R+E 10 slot switch	FXS1630Q0TQ	CON-SNT-C4510R+E	8x5xNBD or Equal	TDS-NETSUP26-NBD		Each	1	\$1,968.75	\$	1,968.75
		10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000			8x5xNBD or Equal	TDS-NETSUP26-NBD	,	Each Each	1	\$1,968.75	s	1,968.75
71	WS-C4510R+E WS-X4748-UPOE+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports	CAT1633L37B	CON-SNT-C4510R+E	8x5xNBD or Equal	TDS-NETSUP26-NBD		Each	1	\$1,968.75	s s	1,968.75
		10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000			8x5xNBD or Equal	TDS-NETSUP26-NBD				\$1,968.75	\$ \$ \$	1,968.75
71 72	WS-X4748-UPOE+E WS-X4748-UPOE+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT1633L37B CAT1629L5WH	included	8x5xNBD or Equal	TDS-NETSUP26-NBD		Each Each	1	\$1,968.75	\$ \$ \$	1,968.75
71	WS-X4748-UPOE+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports	CAT1633L37B	included	8x5xNBD or Equal	TDS-NETSUP26-NBD		Each	1	\$1,968.75	s s s	1,968.75
71 72 73	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT1633L37B CAT1629L5WH CAT1649L202	included included included	8x5xNBD or Equal	TDS-NETSUP26-NBD		Each Each	1	\$1,968.75	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,968.75
71 72	WS-X4748-UPOE+E WS-X4748-UPOE+E	10/10/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports	CAT1633L37B CAT1629L5WH	included	8x5xNBD or Equal	TDS-NETSUP26-NBD		Each Each Each	1 1 1 1	\$1,968.75	s s s	1,968.75
71 72 73 74 75	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X45-SUP7-E	10/10/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports Sup 7-E 100E (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309	included included included included included included	8x5xNBD or Equal	TDS-NETSUP26-NBD		Each Each Each Each Each	1 1 1 1	\$1,968.75	s s s s s s s s	1,968.75
71 72 73 74 75 76	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X45-SUP7-E WS-X4582+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309 FXS1629Q1ZX	included included included included included included included	8x5xNBD or Equal	TDS-NETSUP26-NBD		Each Each Each Each Each Each	1 1 1 1 1	\$1,968.75	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,968.75
71 72 73 74 75 76 77	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X45-SUP7-E WS-X45-SUP7-E PWR-C45-6000ACV	10/10/1000BaseT (R.445)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R.445)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R.445)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R.445)+V E Series with 48 10/100/1000 baseT UPOE ports Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports FanTray Power Supply (AC 6000W)	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309 FXS1629Q1ZX AZS16340AGZ	included included included included included included included included	8x5xNBD or Equal	TDS-NETSUP26-NBD		Each Each Each Each Each Each Each	1 1 1 1 1 1	\$1,968.75	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,968.75
71 72 73 74 75 76 77 78	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4582-E WS-X45824-E PWR-C45-6000ACV PWR-C45-6000ACV	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports FanTray Power Supply (AC 6000W) Power Supply (AC 6000W)	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309 FXS1629Q12X AZS16340AGG AZS16340AGG	included included included included included included included included included included included included				Each Each Each Each Each Each Each Each	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-
71 72 73 74 75 76 77	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X45-SUP7-E WS-X45-SUP7-E PWR-C45-6000ACV	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports FanTray Power Supply (AC 6000W) Power Supply (AC 6000W) WS-C4510R+E 10 slot switch	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309 FXS1629Q1ZX AZS16340AGZ	included included included included included included included included		TDS-NETSUP26-NBD	Tredent Data Systems	Each Each Each Each Each Each Each Each	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$1,968.75	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,968.75
71 72 73 74 75 76 77 78 79	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X45-SUP7-E WS-X45-SUP7-E WS-X45-SUP0-E WS-X45-SUP0-E WS-X45-SUP0-E WS-X45-SUP0-E WS-X45-SUP0-E WS-X45-SUP0-E WS-X45-SUP0-E WS-X45-SUP0-E	10/10/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports FanTray Power Supply (AC 6000W) Power Supply (AC 6000W) WS-C4510R+E 10 slot switch 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309 FXS1629Q1ZX AZS16340AGZ AZS16340AGG FXS2003Q2TX	included included included included included included included included included included oncluded oncluded oncluded				Each Each Each Each Each Each Each Each	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-
71 72 73 74 75 76 77 78 79 80	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4528-E WS-X4582-E PWR-C45-6000ACV PWR-C45-6000ACV WS-C4510R+E WS-X4748-RJ45V+E	10/10/1000BaseT (R.445)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports Sup 7-E 100E (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports Power Supply (AC 6000W) Power Supply (AC 6000W) Power Supply (AC 6000W) Power Supply (AC 6000W) 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309 FXS1629012X AZS16340AG2 AZS16340AGG FXS2003Q2TX CAT2002L75K	included included included included included included included included included included included included included included included				Each Each Each Each Each Each Each Each	1 1 1 1 1 1 1 1 1 1		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-
71 72 73 74 75 76 77 78 79	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X45-SUP7-E WS-X45-SUP7-E WS-X45-SUP0-E WS-X45-SUP0-E WS-X45-SUP0-E WS-X45-SUP0-E WS-X45-SUP0-E WS-X45-SUP0-E WS-X45-SUP0-E WS-X45-SUP0-E	10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT Premium POE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT Premium POE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT Premium POE ports 10/100/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT Premium POE ports	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309 FXS1629Q1ZX AZS16340AGZ AZS16340AGG FXS2003Q2TX	included included included included included included included included included included oncluded oncluded oncluded				Each Each Each Each Each Each Each Each	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-
71 72 73 74 75 76 77 78 79 80	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X458-E WS-X4582+E WS-X4582+E WS-X45800ACV WS-C4510R+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E	10/10/1000BaseT (R.445)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 5up 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports FanTray Power Supply (AC 6000W) Power Supply (AC 6000W) Power Supply (AC 6000W) 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309 FXS162901ZX AZS16340AG2 AZS16340AGG FXS2003Q2TX CAT2002L75K CAT2002L75B	included included				Each Each Each Each Each Each Each Each	1 1 1 1 1 1 1 1 1 1		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-
71 72 73 74 75 76 77 78 79 80	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4528-E WS-X4582-E PWR-C45-6000ACV PWR-C45-6000ACV WS-C4510R+E WS-X4748-RJ45V+E	10/10/1000BaseT (R,J45)+V E Series with 48 10/10/1000 baseT UPOE ports 10/10/1000BaseT (R,J45)+V E Series with 48 10/10/1000 baseT UPOE ports 10/10/1000BaseT (R,J45)+V E Series with 48 10/10/1000 baseT UPOE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/10/1000 baseT UPOE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/10/1000 baseT UPOE ports Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports FanTray Power Supply (AC 6000W) WS-C4510R+E 10 slot switch 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/10/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/10/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/10/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/10/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/10/1000 baseT Premium PoE ports	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309 FXS1629012X AZS16340AG2 AZS16340AGG FXS2003Q2TX CAT2002L75K	included included included included included included included included included included included included included included included				Each Each Each Each Each Each Each Each	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-
71 72 73 74 75 76 77 78 79 80	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X458-E WS-X4582+E WS-X4582+E WS-X45800ACV WS-C4510R+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E	10/10/1000BaseT (R.445)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 5up 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports FanTray Power Supply (AC 6000W) Power Supply (AC 6000W) Power Supply (AC 6000W) 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309 FXS162901ZX AZS16340AGQ AZS16340AGQ AZS16340AGG CAT2002L75K CAT2002L75K CAT2002L75B CAT2011L0C7	included included				Each Each Each Each Each Each Each Each	1 1 1 1 1 1 1 1 1 1		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-
71 72 73 74 75 76 77 78 80 81	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X45-SUP7-E WS-X45-SUP0E-E WS-X45-SUP0E-E WS-X45-SUP0E-E WS-X45-SUP0E-E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E	10/10/1000BaseT (R.445)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 100F (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports 100F (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports 100F (SFP+), 1000BaseX (SFP) with 4 SFP+ 100F Supply (AC 6000W) 100F (SFP+), 1000BaseX (SFP) with 48 10/100/1000 baseT Premium POE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium POE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium POE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium POE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1630L36T CAT1633L309 CAT1633L309 CAT1633L309 CAT5633L300 CAT5633L300 CAT5633L300 CAT56340AGZ AZ516340AGZ AZ516340AGZ AZ516340AGZ CAT2002L75K CAT2002L75K CAT2002L75C CAT2011L0C7	included included included included included included included included included included included included included included included included included included				Each Each Each Each Each Each Each Each	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-
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71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X45-SUP7-E WS-X45-SUP7-E WS-X45-SUP7-E WS-X45-SUP7-E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X45-SUP8-E WS-X45-SUP8-E WS-X45-SUP8-E WS-X45-SUP8-E WS-X45-SUP8-E WS-X45-SUP8-E	10/10/1000BaseT (R.445)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports Power Supply (AC 6000W) Power Supply (AC 6000W) Power Supply (AC 6000W) 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/100BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/100BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/100BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/100BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/100BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/100BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/100BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/100BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/100BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/100BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/100BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/100BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/100BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/100BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/100BaseT (R.745)+V E Series with 48 10/100/1000	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309 FXS162901ZX AZS163340AGQ AZS163340AGG FXS2003QZTX CAT2002L75K CAT2002L75K CAT2011L0C7 CAT2011L0C7 CAT2011L5EG CAT2011L5GG FXS2002C9SDJ ART1952FAEK	included included	8x5xNBD or Equal			Each Each Each Each Each Each Each Each			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-
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71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X458-E WS-X458-E WS-X458-E WS-X458-E WS-X458-E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X458-B WS-X	10/10/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT Permium POE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT Premium POE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT Premium POE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT Premium POE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT Premium POE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT Premium POE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT Premium POE ports 10/10/10/1000BaseT (R,J45)+V E Series with 48 10/100/1000 baseT Premium POE ports 10/10/10/10/10/10/10/10/10/10/10/10/10/1	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309 FXS1629012X AZS16340AGZ AZS16340AGZ AZS16340AGZ CAT2002L75K CAT2002L75K CAT2002L75B CAT2011L0C7 CAT2011L0C7 CAT2011L5EG CAT201L5EG CAT2011L5EG CAT2011L5EG CAT2011L5EG CAT2011L5EG CAT201L5EG CAT2011L5EG CAT2011L5EG CAT2011L5EG CAT2011L5EG CAT201L	included included	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each Each Each Each Each Each Each Each		\$1,968,75	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,968.75
71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 88 89	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4582+E WS-X4582+E PWR-C45-6000ACV PWR-C45-6000ACV WS-C4510R+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4582+E	10/10/1000BaseT (R.445)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports FanTray Power Supply (AC 6000W) Power Supply (AC 6000W) Power Supply (AC 6000W) 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309 FXS1629012X AZS16340AGG FXS2003Q2TX CAT2002L75K CAT2001L0C7 CAT2011L0C7 CAT2011L5EG CAT2011L5EG CAT2011L5EG CAT2011L5EG CAT2011L5EG CAT2011L5EG CAT2011L5C7 CAT201L5C7 CAT2011L5C7 CAT2011L5C7 CAT2011L5C7 CAT2011L5C7 CAT201L5C7 CAT2011L5C7 CAT2011L5C7 CAT2011L5C7 CAT2011L5C7 CAT201L	included included	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each Each Each Each Each Each Each Each		\$1,968,75	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,968.75
71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X45-SUP7-E WS-X4562-E WS-X4562-E WS-X456000ACV WS-C4510R-E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X458-RJ45V+E WS-X458-RJ45V+E WS-X458-RJ45V+E WS-X458-RJ45V+E WS-X458-RJ45V+E WS-X458-RJ45V+E WS-X458-RJ45V+E WS-X45-SUP8-E	10/10/1000BaseT (R.445)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309 FX5162901ZX AZ516340AGZ AZ516340AGZ AZ516340AGZ CAT2002L75K CAT2002L75K CAT2002L75B CAT2011L0C7 CAT2011L0C7 CAT2011L5EG	included included	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each Each Each Each Each Each Each Each		\$1,968,75	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,968.75
71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 88 89 90	WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4748-UPOE+E WS-X4582+E WS-X4582+E PWR-C45-6000ACV PWR-C45-6000ACV WS-C4510R+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4748-RJ45V+E WS-X4582+E	10/10/1000BaseT (R.445)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT UPOE ports Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports FanTray Power Supply (AC 6000W) Power Supply (AC 6000W) Power Supply (AC 6000W) 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/10/10/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000 baseT Premium PoE ports 10/100/1000BaseT (R.745)+V E Series with 48 10/100/1000	CAT1633L37B CAT1629L5WH CAT1649L202 CAT1630L36T CAT1633L309 FXS1629012X AZS16340AGG FXS2003Q2TX CAT2002L75K CAT2001L0C7 CAT2011L0C7 CAT2011L5EG CAT2011L5EG CAT2011L5EG CAT2011L5EG CAT2011L5EG CAT2011L5EG CAT2011L5C7 CAT201L5C7 CAT2011L5C7 CAT2011L5C7 CAT2011L5C7 CAT2011L5C7 CAT201L5C7 CAT2011L5C7 CAT2011L5C7 CAT2011L5C7 CAT2011L5C7 CAT201L	included included	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each Each Each Each Each Each Each Each		\$1,968,75	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,968.75

		Optional Ren	ewai 1 eaf 2- 10t	ai Overan Cost of Contract	item #1; Extended 8	ervice Agreement - Cisco	SWAR THE OXSXINDO OF Equal				ą	43,454.2
116	SPA-1X10GE-L-V2	1-port 10 Gigabit Ethernet Shared Port Adapter XFP based		included	Itom #1. Extended C	awisa Agrasmont Gissa I	SMARTNet 8x5xNBD or Equal	Each	1		\$	43,454.2
115	SPA-8X1GE-V2	8-port Gigabit Ethernet Shared Port Adapte	JAE14530C91	included				Each	1		\$	
114	ASR1002	Cisco ASR1002 Chassis	FOX1439GDQM	CON-SNT-ASR1002	8x5xNBD or Equal	TDS-NETSUP10-NBD	Tredent Data Systems	Each	1	\$796.88	\$	796.
113	PWR-C45-6000ACV	Power Supply (AC 6000W)	DTM201101NE	included				Each	1		\$	-
112	PWR-C45-6000ACV	Power Supply (AC 6000W)	ART1952FAE7	included				Each	1		\$	
111	WS-X4582+E	FanTray	FXS2019Q4XK	included				Each	1		\$	
110	WS-X45-SUP8-E	Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+ Ports	CAT2012L3U4	included				Each	1		s	
109	WS-X45-SUP8-E	Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+ Ports	CAT2012L2TX	included				Each	1		s	
	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2002L6RU	included				Each	1		s	
107	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2011L0U0	included				Each	1		s	
106	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2011L0DA	included				Each	1		s	
105	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2012L2TX	included				Each	1		s	
104	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2011L174	included				Each	1		s	
103	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2002L6NT	included				Each	1		s	
102	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2002L73N	included				Each	1		s	
101	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2003L0KG	included				Each	1		s	
100	WS-C4510R+E	WS-C4510R+E 10 slot switch	FXS2020Q11E	CON-SNT-C4510R+E	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each	1	\$1,968.75	\$	1,968
99	PWR-C45-6000ACV	Power Supply (AC 6000W)	ART1952FEUJ	included				Each	1		\$	
98	PWR-C45-6000ACV	Power Supply (AC 6000W)	ART1952FEUG	included				Each	1		\$	
97	WS-X4582+E	FanTray	FXS2002Q5DQ	included				Each	1		\$	
96	WS-X45-SUP8-E	Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+ Ports	CAT2010L5C7	included				Each	1		s	
95	WS-X45-SUP8-E	Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+ Ports	CAT2011L5F8	included				Each	1		s	
94	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2002L6K8	included				Each	1		s	
93	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2011L0P6	included				Each	1		S	

		Optional New	eval real 2 ro	an overam cost of contract it	em #11 Extended b	ervice Agreement - Cisco Bian	THE THE CAPACITED OF E-Guill				Ψ	70,707,20
		Optional Contract Renewal Year 2- Contract Item #2: Extended Service Agreement – Cisco SMARTNet 8x5x4 or Equi	al		8x5x4 or Equal							
117	N7K-C7010	Nexus7000 C7010 (10 Slot) Chassis	JAF1527DPDD	CON-SNTE-C7010	8x5x4 or Equal	TDS-NETSUP73-4	Tredent Data Systems	Each	1	\$5,476.50	s	5,476.50
118	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
119	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI15230AXX	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUPI-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
120	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI15250197	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
121	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152101SW	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
122	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152101EZ	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
123	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405TG	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
124	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152403YW	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
125	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152101V6	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
126	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152101SS	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUPI-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
127	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152403ZZ	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25

128	ASA5585-S40-2A-K9	ASA 5585-X Chas with SSP40,6GE,4SFP+,2GE Mgt,2 AC,3DES/AES	JMX1538702V	CON-SNTE-A85S42K9	8x5x4 or Equal			Each	1	\$8,306.63	s	8,306.63
129	ACE-4710-2F-K9	ACE 4710 Hardware-2Gbps-7500 SSL-1GbpsComp-5VC- 50AppAccelAppliance		CON-SNTE-ACE47102	8x5x4 or Equal	TDS-NETSUP41-4	Tredent Data Systems	Each	1	\$3,149.63	s	3,149.63
		Ontional Renwal Ve	or 2- Total Ove	erall Cost of Contract Its	m #2: Evtender	l Sarvica Agraement – Cis	sco SMARTNot 8v5v4 or Faus	1			\$	18,215.25

		Optional Renewal Year 3- Contract Item #1: Extended Service Agreement - Cisco SMARTNet 8x5xNBD or Equal			8x5xNBD or Equal							
1	WS-C6513-E		FXS1750Q1KB	CON-SNT-WS-C6513	8x5xNBD or Equal	TDS-NETSUP80-NBD	Tredent Data Systems	Each	1	\$ 6,226.13	s	6,226
•	WO-00313-E		1 XO1130Q11D	0014-0141-440-00313	OXSXIVED OF Equal					9 0,220.10		-
2	WS-X6904-40G	DCEF2T 4 port 40GE / 16 port 10GE Rev. 1.0	SAL1807M1D2	included				Each	1		\$	
	WO VOOD 400	D05507.0 4005. D 4.0	011 1710 111/5					Each	1		s	
3	WS-X6908-10G	DCEF2T 8 port 10GE Rev. 1.2	SAL17194MY5	included								
4	WS-X6848-GE-TX	CEF720 48 port 10/100/1000mb Ethernet Rev. 1.0	SAL1808MEGY	included				Each	1		\$	
5	WS-X6824-SFP	CEF720 24 port 1000mb SFP Rev. 1.0	SAL1744FRPD	included				Each	1		\$	
6	VS-SUP2T-10G	VS-SUP2T-10G 5 ports Supervisor Engine 2T 10GE w/ CTS Rev. 1.7	SAL1806LRLT	included				Each	1		\$	
		VS-SUP2T-10G 5 ports Supervisor Engine 2T 10GE w/ CTS						Each	1		s	
7	VS-SUP2T-10G	Rev. 1.7	SAL172261SL	included							3	
8	WS-C6513-E-FAN 1 WS-CAC-6000W	Enhanced 13-slot Fan Tray 1 AC power supply, 6000 watt 1	DCH174400QW AZS17480CU0	included included	+		_	Each Each	1	 	\$	
10	WS-CAC-6000W WS-CAC-6000W	AC power supply, 6000 watt 1 AC power supply, 6000 watt 1	AZS17480CU0 AZS17480CTY	included	+	+		Each Each	1	-	\$	
11	ASA5550-BUN-K9	ASA 5550 Adaptive Security Appliance	JMX1240L23W	CON-SNT-AS5550B	8x5xNBD or Equal			Each	1	\$1,293.38	\$	1,293
12	ASA5550-BUN-K9	ASA 5550 Adaptive Security Appliance	JMX1240L23X	CON-SNT-AS5550B	8x5xNBD or Equal			Each	1	\$1,293.38	\$	1,293
13	ASA5550-BUN-K9	ASA 5550 Adaptive Security Appliance	JMX1504L285	CON-SNT-AS5550B	8x5xNBD or Equal			Each	1	\$1,293.38	\$	1,293
14	WS-C4506-E	WS-C4506-E 6 slot switch	FOX1402GA2A	CON-SNT-C4506E		TDS-NETSUP9-NBD	Tredent Data Systems	Each	1	\$727.50	s	72
		Supervisor 6L-E 10GE (X2), 1000BaseX (SFP)with 2 10GE X2 ports	JAE14080BMT		OXSXIVED OF Equal	IBS ADISOTY ABS	Treatm Data Bysems	Each	1	9727.50		
15	WS-X45-SUP6L-E	6 Dual media SFP or 10/100/1000BaseT (RJ45)V voice		included				Each	1			
16	WS-X4506-GB-T	power ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	JAE10170ZWX	included				Each	1		 	
17	WS-X4648-RJ45V+E	baseT 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	JAE140423GW	included				Each	1		 	
18	WS-X4648-RJ45V+E	baseT 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	JAE14041VJM	included	+						 	
19	WS-X4648-RJ45V+E	baseT	JAE14030SLS	included				Each	1		<u> </u>	
20	PWR-C45-4200ACV	Power Supply (AC 4200W)	AZS13490M83	included				Each	1			
21	PWR-C45-4200ACV	Power Supply (AC 4200W)	AZS13450BM1	included				Each	1		<u> </u>	
22	WS-C4506-E	WS-C4506-E 6 slot switch	FOX1402G0J3	CON-SNT-C4506E	8x5xNBD or Equal	TDS-NETSUP9-NBD	Tredent Data Systems	Each	1	\$727.50	\$	72
23	WS-X45-SUP6L-E	Supervisor 6L-E 10GE (X2), 1000BaseX (SFP)with 2 10GE X2 ports	JAE140800QJ	included				Each	1		s	
24	WS-X4648-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT	JAE14042BKE	included				Each	1		s	
25	WS-X4648-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT	JAE140429AL	included				Each	1		\$	
26	WS-X4648-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT	JAE14052X2E	included				Each	1		s	
27	PWR-C45-4200ACV	Power Supply (AC 4200W)	AZS13490M86	included		1		Each	1		\$	
28	PWR-C45-4200ACV	Power Supply (AC 4200W)	AZS13500S26	included				Each	1		\$	
29	WS-C6509-E	Catalyst 6500 9-slot Chassis System	SMG1501N00K	CON-SNT-WS-C6509	8x5xNBD or Equal	TDS-NETSUP34-NBD	Tredent Data Systems	Each	1	\$2,559.38	\$	2,55
30	WS-X6748-GE-TX	WS-X6748-GE-TX CEF720 48 port 10/100/1000mb Ethernet Rev. 4.1	SAL145133GZ	included				Each	1		s	
31	WS-X6148A-GE-45AF	WS-X6148A-GE-45AF 48-port 10/100/1000 RJ45 EtherModule Rev. 4.1	SAL145130PB	included				Each	1		s	
32	VS-S720-10G	VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4.0		included				Each	1		s	-
33	VS-S720-10G	VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4.0		included				Each	1		s	
		7600-SIP-200 0 ports 4-subslot SPA Interface Processor-			0.5 NDD -	TDS-NETSUP9-NBD	Tredent Data Systems	Each	1	\$683.25	s	683
34 35	7600-SIP-200 SPA-2XT3/E3	200 Rev. 2.303 2-port T3/E3 Serial Shared Port Adapte	JAE14430HCL JAE14350SP5	CON-SNT-7600SIP2 CON-SNT-2XT3E3	8x5xNBD or Equal	TDS-NETSUP2-NBD	*	Each		\$155.25		15:
36	ASR1002	Cisco ASR1002 Chassis	FOX1446G2M9	CON-SNT-ASR1002		TDS-NETSUP2-NBD	Tredent Data Systems Tredent Data Systems	Each	1	\$155.25 \$796.88	9	796
37	SPA-8X1GE-V2	8-port Gigabit Ethernet Shared Port Adapte	JAE150609XT	included	OXOXINDD OF Equal	IDS-MEISUFIU-NDD	reaciii Data Systems	Each	1	3/70.00	S	790
38	SPA-1X10GE-L-V2	1-port 10 Gigabit Ethernet Shared Port Adapter XFP based		included	1			Each	1		s	
39	ASR1002	Cisco ASR1002 Chassis	FOX1447G266	CON-SNT-ASR1002	OverNIDD or C	TDS-NETSUP10-NBD	Tredent Data Systems	Each	1	\$796.88	•	796

A. Company		1	1	1		1					1	
1	41	SPA-1X10GE-L-V2	1-port 10 Gigabit Ethernet Shared Port Adapter XFP based	SAL1915DB2V	included				Each	1		s -
1	42			FOX1448GW3R	CON-SNT-ASR1002	8x5xNBD or Equal	TDS-NETSUP10-NBD	Tredent Data Systems	Each	1	\$796.88	\$ 796.88
## CONTRACTOR 1985	43		8-port Gigabit Ethernet Shared Port Adapte			·		·		1		\$ -
## CONTRACTOR 1985			4 40 Ci Ch Ch D Ad VED b						Each	1		s -
The Control Control						OutuNDD as Faural	TING METCHING MIDTS	Toodoot Data Contains			8620.00	\$ 420.00
27 DECEMBER 1 OF THE PROPERTY			O2 32X10GE/Modular Superviso			9X2XINDD OF Equal	IDS-NETSUF6-NBD	Tredent Data Systems			3030.00	s -
1	47	N55-M8P8FP	O2 8X10GE + 8x1/2/4/8G FC Module		included							s -
Section Sect												
1.												
1.00	50	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-1+4x10Gt	SSI144805EF	CON-SNT-N2248T	8x5xNBD or Equal	TDS-NETSUP1-NBD	Tredent Data Systems	Each	1	\$88.50	\$ 88.50
1.	51	N2K-C2232PP-10GE	N2K 10GE, 2 AC PS, 1 Fan (Std Air), 32x1/10GE+8x10GE	SSI152602G4	CON-SNT-N2248T	8x5xNBD or Equal	TDS-NETSUP1-NBD	Tredent Data Systems	Each	1	\$88.50	\$ 88.50
1	52	WS-C6513-E	Cisco Systems, Inc. Catalyst 6500 13-slot Chassis System	FOX1448G1TY	CON-SNT-C6513E	8x5xNBD or Equal	TDS-NETSUP57-NBD	Tredent Data Systems	Each	1	\$4,331.25	\$ 4,331.25
1	53	VS-S720-10G	VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4.	SAL15024HD3	included				Each	1		s -
March 2006 1	54	VS-S720-10G	VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4.	SAL15024PRE	included				Each	1		s -
ACCIDATION 19 ACCIDATION	55	WS-X6748-GE-TX		SAL145133L6	included				Each	1		s -
1	56		ACE20-MOD-K9 1 ports Application Control Engine Module Rev. 2.6		CON-SNT-ACE20MOD	8x5xNBD or Equal	TDS-NETSUP31-NBD	Tredent Data Systems	Each	1	\$2,371.50	\$ 2,371.50
The content of the	57	7600-SIP-200	200 Rev. 2.303	JAE14430HCM	CON-SNT-7600SIP2	8x5xNBD or Equal	TDS-NETSUP9-NBD	Tredent Data Systems	Each	1	\$683.25	\$ 683.25
Color Color (Edit Total) Microsoft (Color Color				JAE14350SPL			TDS-NETSUP2-NBD	Tredent Data Systems		1	4100.00	
No. Contribution No. Contrib												
Column C							mp a Nicolatina di Nicola	m 1 - P - 0				
MS_APPA_BUPCE_E	61	WS-C4510R+E		FAS1630Q0KN	CON-SN1-C4510R+E	8X5XNBD or Equal	1D3-NE1SUP20-NBD	riegent Data Systems			\$1,968.75	a 1,968.75
MS_APP_ALPOSE_ More Long Common Lon	62	WS-X4748-UPOE+E	baseT UPOE ports	CAT1631L458	included							\$ -
MS_ATTREPORTED DOCUMENT (FLORIDAD AND ATTREPORT)	63	WS-X4748-UPOE+E	baseT UPOE ports	CAT1631L5EH	included					ļ		s -
No. No. ACT March Company Co	64	WS-X4748-UPOE+E	baseT UPOE ports	CAT1630L2TF	included					1		\$ -
60 WS-XMS-SUPPE Ports	65	WS-X4748-UPOE+E	baseT UPOE ports	CAT1649L3NE	included				Each	1		s -
B	66	WS-X45-SUP7-E		CAT1633L1ZA	included				Each	1		s -
PART CASE SEGREDARY Passer Supply (A. E. Economy Passer Supply (A. Economy Passer Supply (A.												\$ -
NO. CASTORNE NO. CASTORNE NO. CASTORNE No.			Power Supply (AC 6000W) Power Supply (AC 6000W)									S -
1000000000000000000000000000000000000						8y5yNRD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems			\$1 968 75	s 1 968 75
12 WS_AYTAB_UPDC_E 10100700008art (PL45)-VE Series with 48 1010070000	71		10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000		included				Each	1	41,700.72	\$ -
173 WS-X4746-LIPOC-LET Market PUPPE profit Market PUPPE pr			10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000						Each	1		s -
101/001/0005880E (FLMS)+VE Series with 48 101/001/000 25			10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000						Each	1		s -
Sup 7.6 1006 Each 1 Sup 7.6 1006 Each (SFP), 1006 Each (SFP), with 4 SFP Prints FK51020 SFP Min A SFP Fair Tay FK5200 SFP Min A SFP Fair Tay FK5200 SFP Min A SFP Fair Tay FK5200 SFP Min A SFP Fair Tay FK5200 SFP Min A SFP Fair Tay FK5200 SFP Min A SFP Fair Tay FK5200 SFP Min A SFP Fair Tay FK5200 SFP Min A SFP Fair Tay Fk			10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000						Each	1		s -
70 WS-X4582E Final Tray			Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+						Each	1		s -
78 PVPR.C45-600ACV									Each	1		s -
79	77		Power Supply (AC 6000W)						Each	1		s -
No. No.												*
State Stat	79	WS-C4510R+E		FXS2003Q2TX	CON-SNT-C4510R+E	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems			\$1,968.75	\$ 1,968.75
St WS-X4748-RJ45V4E baseT Premium PDE ports D1070010000BaseT (RJ45)-VE Series with 48 10/100/1000 CAT2011LDC7 Included D107001000BaseT (RJ45)-VE Series with 48 10/100/1000 CAT2001LDC7 Included D1070000BaseT (RJ45)-VE Series with 48 10/100/1000 CAT2001LDC7 Included D1070000BaseT (RJ45)-VE Series with 48 10/100/1000 CAT2001LDC7 Included D1070000BaseT (RJ45)-VE Series with 48 10/100/1000 CAT2001LDC7 Included D107000BaseT (RJ45)-VE Series with 48 10/100/1000 CAT2001LDC7 Included D107000BaseT (RJ45)-VE Series with 48 10/100/1000 CAT2001LDC7 Included D107000BaseT (RJ45)-VE Series with 48 10/100/1000 CAT2001LDC7 Included D107000B	80	WS-X4748-RJ45V+E	baseT Premium PoE ports	CAT2002L75K	included							\$ -
S2 WS-X4748-RJ45V+E baseT Premium PDE ports CAT2011L0C7 included Each 1 S	81	WS-X4748-RJ45V+E	baseT Premium PoE ports	CAT2002L75B	included					1		s -
S3 WS-X4748-RJ45V4E baseT Premium PoE ports	82	WS-X4748-RJ45V+E	baseT Premium PoE ports	CAT2011L0C7	included					<u> </u>		\$ -
Sup 84 WS-X45-SUP8-E Ports	83	WS-X4748-RJ45V+E	baseT Premium PoE ports	CAT2011L0C7	included				Each	1		s -
85 WS.X45SUPRE Ports	84	WS-X45-SUP8-E	Ports	CAT2011L5EG	included					-		\$ -
87 PWR-C45-8000ACV Power Supply (AC 6000W) ART1952FAEK included			Ports									\$ -
88 PWR-C45-6000ACV Power Supply AC 6000W) ART1952FEUN included FX520303QV9 CON-SNT-C4510R+E 8x5xNBD or Equal TDS-NETSUP26-NBD Tredent Data Systems Each 1 \$1,968.75 \$ 1,968.75 \$ 1,968.75 \$ 1,07007/0008ase7 (RJ45)+V E Series with 48 10/100/1000 ACT2002L703 included Each 1 \$1,968.75 \$ 1,968.75 \$ 1,968.75 \$ 1,968.75 \$ 1,0760.75 \$ 1,			Power Supply (AC 6000W)			1	 				1	\$ -
89 WS-C4510R+E 10 slot switch FXS2003Q2V9 CON-SNT-C4510R+E 8x5xNBD or Equal TDS-NETSUP26-NBD Tredent Data Systems Each I \$1,968.75 \$ 1,968.75 \$		PWR-C45-6000ACV	Power Supply (AC 6000W)	ART1952FEUN		<u> </u>	1			1	1	\$ -
90 WS-X4748-RJ45V+E baseT Premium POE ports CAT2002L703 included Each I S	89	WS-C4510R+E		FXS2003Q2V9	CON-SNT-C4510R+E	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each	1	\$1,968.75	\$ 1,968.75
91 WS-X4748-RJ45V+E baseT Premium POE ports CAT2002L75T included 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	90	WS-X4748-RJ45V+E	baseT Premium PoE ports	CAT2002L703	included				Each	1		s -
92 WS-X4748-RJ45V+E baseT Premium POE ports CAT2011L0DW included Each 1 S - 1 1 S - 1 1 1 S -	91	WS-X4748-RJ45V+E	baseT Premium PoE ports	CAT2002L75T	included				Each	1		s -
93 WS-X4748-RJ45V+E baseT Premium PoE ports CAT2011L0P6 included	92	WS-X4748-RJ45V+E	baseT Premium PoE ports	CAT2011L0DW	included				Each	1		s -
10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 94 WS-X4748-RJ45V+E baseT Premium POE ports CAT2002L6K8 included Each 1 S -	93	WS-X4748-RJ45V+E	baseT Premium PoE ports	CAT2011L0P6	included				Each	1		\$ -
		WC V4740 B 145V. F	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT2002I 6K8	included				Each	1		s -

Part Part													
13 15 15 15 15 15 15 15	1								Each	1		s	
1	95	WS-X45-SUP8-E		CAT2011L5F8	included	+				-	1	-	
Total Contro	96	WS-X45-SUP8-E		CAT2010L5C7	included				Each	1		S	-
March Mar	97	WS-X4582+E	FanTray		included				Each	1		\$	-
10 10 10 10 10 10 10 10			Power Supply (AC 6000W)							1		\$	-
March Marc										1		\$	-
10 10 10 10 10 10 10 10	100	WS-C4510R+E		FXS2020Q11E	CON-SNT-C4510R+E	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each	1	\$1,968.75	\$	1,968.75
Section Sect		WO V4740 D 14514 E		0.4.7.0.0.01.01/0	l				Each	1		s	-
Mode Mode	101	WS-X4748-RJ45V+E			included								
Second Second	102	WS-X4748-R-I45V+F	haseT Premium PoF ports		included				Each	1		\$	-
10 10 10 10 10 10 10 10	102	110 X11 10 110 10 11 1			moducu								-
	103	WS-X4748-RJ45V+E			included				Each	1		\$	-
March Control Contro			10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000)	İ		İ		Eask	1		e	
10 10 10 10 10 10 10 10	104	WS-X4748-RJ45V+E		CAT2011L174	included				Eacn	1		2	
Column			10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000)					Each	1		s	_
Dec. Dec.	105	WS-X4748-RJ45V+E			included				Lucii	•		Ψ	
10 05 AVER BELOVE 10 00 00 00 00 00 00 0	100	WO V4740 D 1451/- E			in all alors				Each	1		\$	-
March Marc	106	VVS-X4746-RJ45V+E			included	-	1						
Miles	107	WS-X4748-R-I45V+F			included				Each	1		\$	-
10 00 00 00 00 00 00 00	107	110 X11 10 110 10 11 1			moducu								-
10 00 00 00 00 00 00 00	108	WS-X4748-RJ45V+E			included	1			Each	1	1	\$	=
10 00 00 00 00 00 00 00				1					EL	1		e	-
10 10 10 10 10 10 10 10	109	WS-X45-SUP8-E		CAT2012L2TX	included				Eacii	1		3	-
10 10 10 10 10 10 10 10	I			L	L	1			Each	1		s	
11 PRE-CES-ROBINCY Power Design / CE-ROBIN PRE-SECRET Address of the part Pre-SECRET Address of the part						+	 	<u> </u>			1		
11 ASPECAÇUAÇIV Power Bodity P.C. (1990) Control						+	+	-		1	 	2	-
11 13 13 15 15 15 15 15			Power Supply (AC 6000W)			+	 				1	-	-
19 39 40 10 40 40 40 40 40 40						8v5vNRD or Equal	TDS-NETSUP10-NRD	Tredent Data Systems			\$796.88	\$	796.88
10 29A. ANDIGE LV2 1-port 16 Gegale Ethomore Stander Port Adapter XFF Issue 24.145.128 1.2						OXOXIVED OF Equal	IBS REISCI IO RBB	Treatm Data Systems			\$770.00	s	770.00
1							i						
RANK or Equal	116	SPA-1X10GE-L-V2	1-port 10 Gigabit Ethernet Shared Port Adapter XFP based	SAL1617B7WW	included				Each	1		\$	-
Source S			Optional Ren	ewal Year 3- Tot	al Overall Cost of Contract I	tem #1: Extended S	ervice Agreement - Cisco SM/	ARTNet 8x5xNBD or Equal				\$	43,454.25
17			Excelled Street Agreement Cases Sill Herrica States of Equal										
17					-								
118 N2K-C2248TP-1GE N2K GE 2PS, 1 Fan Module, 48x100/100-T+4x10GE SS11524050X CON-SNTE-N2248T 8x5x4 or Equal 10S-NETSUP1-4 Trodent Data Systems Each 1 5128.25 \$ 128.										,	05.454.50		- 454.50
18							TDS-NETSUP73-4	Tredent Data Systems	Each	1	\$5,476.50	s	5,476.50
18	117	N7K-C7010	Nexus7000 C7010 (10 Slot) Chassis	JAF1527DPDD	CON-SNTE-C7010	8x5x4 or Equal	TDS-NETSUP73-4	Tredent Data Systems	Each	1	\$5,476.50	s	5,476.50
19 N2K-C2246TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SS115230AXX CON-SNTE-N2246T 8x5x4 or Equal TOS-NETSUPI-4 Tredent Data Systems Each 1 5128.25 5 128.25 1 128	117	N7K-C7010	Nexus7000 C7010 (10 Slot) Chassis	JAF1527DPDD	CON-SNTE-C7010	8x5x4 or Equal						s	
19			, ,									s	5,476.50 128.25
19			, ,									s	
120 N2K-C2248TP-1GE N2K-			, ,				TDS-NETSUPI-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
130 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SSI15250197 CON-SNTE-N2248T 8x5x4 or Equal TDS-NETSUPI-4 Tredent Data Systems Each 1 S128.25 5 128.25	118	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUPI-4	Tredent Data Systems	Each	1	\$128.25	s s	
130 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SSI15250197 CON-SNTE-N2248T 8x5x4 or Equal TDS-NETSUPI-4 Tredent Data Systems Each 1 S128.25 5 128.25	118	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUPI-4	Tredent Data Systems	Each	1	\$128.25	s s	128.25
121 NZK-C2248TP-1GE NZK GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SSI152101SW CON-SNTE-N2248T 8x5x4 or Equal TDS-NETSUPI-4 Tredent Data Systems Each 1 S128.25 S 128.25 S	118	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems	Each Each	1	\$128.25 \$128.25	s s	128.25 128.25
121 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE S1152101SW CON-SNTE-N2248T 8x5x4 or Equal TDS-NETSUPI-4 Tredent Data Systems Each 1 \$128.25 \$ 128	118	N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX	CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems	Each Each	1	\$128.25 \$128.25	s s	128.25
121 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE S1152101SW CON-SNTE-N2248T 8x5x4 or Equal TDS-NETSUPI-4 Tredent Data Systems Each 1 \$128.25 \$ 128	118	N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX	CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems	Each Each	1	\$128.25 \$128.25	s s	128.25 128.25
To Net Sup To	118	N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX	CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each	1 1	\$128.25 \$128.25	s s	128.25 128.25
122 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SI152/101EZ CON-SNTE-N2248T 8x5x4 or Equal Dis-NetSUP1-4 Tredent Data Systems Each 1 S128.25 \$ 12	118	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each	1 1	\$128.25 \$128.25	s s s	128.25 128.25
122 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SI152/101EZ CON-SNTE-N2248T 8x5x4 or Equal Dis-NetSUP1-4 Tredent Data Systems Each 1 S128.25 \$ 12	118	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each	1 1	\$128.25 \$128.25	s s s	128.25 128.25
Top-Net Supplied Tredent Data Systems Each 1 \$128.25 \$ 1	118	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each Each	1 1 1	\$128.25 \$128.25 \$128.25	s s s	128.25 128.25 128.25
123 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SI15240STG CON-SNTE-N2248T 8x5x4 or Equal TDS-NETSUPI-4 Tredent Data Systems Each 1 S128.25 \$ 128	118 119 120	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197 SSI152101SW	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each Each	1 1 1	\$128.25 \$128.25 \$128.25	s s s	128.25 128.25
123 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SI15240STG CON-SNTE-N2248T 8x5x4 or Equal TDS-NETSUPI-4 Tredent Data Systems Each 1 S128.25 \$ 128	118 119 120	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197 SSI152101SW	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each Each	1 1 1	\$128.25 \$128.25 \$128.25	s s s	128.25 128.25 128.25
TOS-NETSUPI-4 Tredent Data Systems Each 1 \$128.25 \$ 128.	118 119 120	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197 SSI152101SW	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each Each Each	1 1 1	\$128.25 \$128.25 \$128.25 \$128.25	s s s	128.25 128.25 128.25 128.25
124 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SI152403YW CON-SNTE-N2248T 8x5x4 or Equal TDS-NETSUPI-4 Tredent Data Systems Each 1 S128.25 \$ 128	118 119 120 121	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197 SSI152101SW SSI152101EZ	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each Each Each	1 1 1	\$128.25 \$128.25 \$128.25 \$128.25	s s s s s s s s s	128.25 128.25 128.25
124 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SI152403YW CON-SNTE-N2248T 8x5x4 or Equal TDS-NETSUPI-4 Tredent Data Systems Each 1 S128.25 \$ 128	118 119 120 121	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197 SSI152101SW SSI152101EZ	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each Each Each	1 1 1	\$128.25 \$128.25 \$128.25 \$128.25	s s s s	128.25 128.25 128.25 128.25
125 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SSI152101V6 CON-SNTE-N2248T Bx5x4 or Equal TDS-NETSUPI-4 Tredent Data Systems Each 1 S128.25 \$ 12	118 119 120 121	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197 SSI152101SW SSI152101EZ	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each Each Each Each	1 1 1 1	\$128.25 \$128.25 \$128.25 \$128.25 \$128.25	s s s	128.25 128.25 128.25 128.25
125 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SS1152101V6 CON-SNTE-N2248T 8x5x4 or Equal 126 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SS1152101SS CON-SNTE-N2248T 8x5x4 or Equal 127 TDS-NETSUPI-4 Tredent Data Systems Each 1 \$128.25 \$ 12	118 119 120 121 122	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197 SSI152101SW SSI152101EZ SSI152405TG	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each Each Each Each	1 1 1 1	\$128.25 \$128.25 \$128.25 \$128.25 \$128.25	s s s s s s s s s s s s s	128.25 128.25 128.25 128.25
125 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SS1152101V6 CON-SNTE-N2248T 8x5x4 or Equal 126 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SS1152101SS CON-SNTE-N2248T 8x5x4 or Equal 127 TDS-NETSUPI-4 Tredent Data Systems Each 1 \$128.25 \$ 12	118 119 120 121 122	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197 SSI152101SW SSI152101EZ SSI152405TG	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each Each Each Each	1 1 1 1	\$128.25 \$128.25 \$128.25 \$128.25 \$128.25	s s s s s s s s	128.25 128.25 128.25 128.25
126 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SSI152101SS CON-SNTE-N2248T 8x5x4 or Equal TDS-NETSUP1-4 Tredent Data Systems Each 1 \$128.25 \$ 12	118 119 120 121 122	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197 SSI152101SW SSI152101EZ SSI152405TG	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each Each Each Each Each	1 1 1 1 1	\$128.25 \$128.25 \$128.25 \$128.25 \$128.25 \$128.25	s s s s s s s s	128.25 128.25 128.25 128.25 128.25
126 NZK-C2248TP-1GE NZK GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SS1152101SS CON-SNTE-N2248T 8x5x4 or Equal TDS-NETSUP1-4 Tredent Data Systems Each 1 \$128.25 \$ 128.25	118 119 120 121 122 123	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197 SSI152101SW SSI152101EZ SSI152405TG SSI152403YW	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each Each Each Each Each	1 1 1 1 1	\$128.25 \$128.25 \$128.25 \$128.25 \$128.25 \$128.25	s s s s s s s s	128.25 128.25 128.25 128.25
126 NZK-C2248TP-1GE NZK GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SS1152101SS CON-SNTE-N2248T 8x5x4 or Equal TDS-NETSUP1-4 Tredent Data Systems Each 1 \$128.25 \$ 128.25	118 119 120 121 122 123	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197 SSI152101SW SSI152101EZ SSI152405TG SSI152403YW	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each Each Each Each Each	1 1 1 1 1	\$128.25 \$128.25 \$128.25 \$128.25 \$128.25 \$128.25	s s s s s s s s s s s	128.25 128.25 128.25 128.25 128.25
TDS-NETSUP1-4 Tredent Data Systems Each 1 \$128.25 \$ 128.25	118 119 120 121 122 123	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197 SSI152101SW SSI152101EZ SSI152405TG SSI152403YW	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each Each Each Each Each	1 1 1 1 1	\$128.25 \$128.25 \$128.25 \$128.25 \$128.25 \$128.25 \$128.25	s s s s s s s s s s s	128.25 128.25 128.25 128.25 128.25
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127 N2K-C2248TP-1GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE SSI152403ZZ CON-SNTE-N2248T 8x5x4 or Equal	118 119 120 121 122 123 124	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197 SSI152101SW SSI152101EZ SSI152403YW SSI152101V6	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each Each Each Each Each Each Each	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$128.25 \$128.25 \$128.25 \$128.25 \$128.25 \$128.25 \$128.25 \$128.25	s	128.25 128.25 128.25 128.25 128.25 128.25
	118 119 120 121 122 123 124 125	N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX SSI15230AXX SSI15250197 SSI152101SW SSI152101EZ SSI152405TG SSI152403YW SSI152101V6 SSI152101V8	CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T CON-SNTE-N2248T	8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal 8x5x4 or Equal	TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4 TDS-NETSUP1-4	Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems Tredent Data Systems	Each Each Each Each Each Each Each Each	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$128.25 \$128.25 \$128.25 \$128.25 \$128.25 \$128.25 \$128.25 \$128.25		128.25 128.25 128.25 128.25 128.25

128	ASA5585-S40-2A-K9	ASA 5585-X Chas with SSP40,6GE,4SFP+,2GE Mgt,2 AC,30ES/AES	JMX1538702V	CON-SNTE-A85S42K9	8x5x4 or Equal			Each	1	\$8,306.63	s	8,306.63
129	ACE-4710-2F-K9	ACE 4710 Hardware-2Gbps-7500 SSL-1GbpsComp-5VC-50AppAccelAppliance		CON-SNTE-ACE47102	8x5x4 or Equal	TDS-NETSUP41-4	Tredent Data Systems	Each	1	\$3,149.63	s	3,149.63
		Outland		tel Ownell Cost of Contract	4 #2. E-4	Samia Amazana Giara SM	A DTN -4 9-5-4 F1				\$	18,215.25

Part Control Part			Optional Re	enwal Year 3- To	otal Overall Cost of Contract l	Item #2: Extended	Service Agreement – Cisco	SMARTNet 8x5x4 or Equal				\$	18,215.25
1			#1: Extended Service Agreement - Cisco SMARTNet 8x5xNBD			8x5xNBD or Equal							
2 00 30000 100	1	WS-C6513-E		FXS1750Q1KB	CON-SNT-WS-C6513	8x5xNBD or Equal	TDS-NETSUP80-NBD	Tredent Data Systems	Each	1	\$ 6,226.13	s	6,226.13
2	2	WS-Y6904-40G	DCFE2T 4 port 40GE / 16 port 10GE Rev. 1.0	SAI 1807M1D2	included				Each	1		s	-
State Stat									Each	1		s	-
3	3	WS-X6908-10G	DCEF21 8 port 10GE Rev. 1.2	SAL17194MY5	included				Each	1		s	-
6 09-00/FF (100 power flower) = Figure 27 (100 et al.) 7 05-00/FF (100 power flower) = Figure 27 (100 et al.) 8 05-00/FF (100 power flower) = Figure 27 (100 et al.) 8 05-00/FF (100 power flower) = Figure 27 (100 et al.) 8 05-00/FF (100 power flower) = Figure 27 (100 et al.) 8 05-00/FF (100 power flower) = Figure 27 (100 et al.) 8 05-00/FF (100 power flower) = Figure 27 (100 et al.) 8 05-00/FF (100 power flower) = Figure 27 (100 et al.) 8 05-00/FF (100 power flower) = Figure 27 (100 et al.) 8 05-00/FF (100 power flower) = Figure 27 (100 et al.) 9 05-00/FF (100 power flower) = Figure 27 (100 et al.) 10 05-00/FF (100 power flower) = Figure 27 (100 et al.) 11 05-00/FF (100 power flower) = Figure 27 (100 et al.) 12 05-00/FF (100 power flower) = Figure 27 (100 et al.) 13 05-00/FF (100 power flower) = Figure 27 (100 et al.) 14 05-00/FF (100 power flower) = Figure 27 (100 et al.) 15 05-00/FF (100 power flower) = Figure 27 (100 et al.) 16 05-00/FF (100 power flower) = Figure 27 (100 et al.) 17 05-00/FF (100 et al.) 18 05-00/FF (100	4												
6 00 00 00 00 00 00 00 00 00 00 00 00 00	5	WS-X6824-SFP		SAL1744FRPD	included	+			1	1	 	\$	-
7 05.00/PT 100 No. 1.7 T 100 N	6	VS-SUP2T-10G	Rev. 1.7	SAL1806LRLT	included				Each	1		\$	-
1	7	VS-SUP2T-10G	Rev. 1.7	SAL172261SL	included				Each	1		\$	-
10 NS CACCOSCOVER Company Report Peoply (Note worth 1 ACCOUNTY Company Com	-	WS-C6513-E-FAN 1		DCH174400QW								\$	-
1 ASSACCE BURNEY ASS. 5000 Asplane Search Systems (ASS. 5000 Asplane	_						ļ					\$	
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17 WS. X4648 R.45VVE Some with 46 101001000 ME1401200W Included			6 Dual media SFP or 10/100/1000BaseT (RJ45)V voice						Each	1			
18 WS_X4648_R45V4E Dispersion (Ref. For Col. 2007) Dispersion (Ref			10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000						Each	1			
19 WS-X466-R-14/2006/U Power Supply (AC 4200W)	18	WS-X4648-RJ45V+E	baseT	JAE14041VJM	included				Each	1			
PWR-C45-400ACV Power Supply (AC 4200W) A2513450BM1 Included Ba54NBD or Equal TIDS NETSUJP NBD Tredent Data Systems Each 1	19		baseT		included				Each	1			
22 WS-C4406E WS-C4606E 8 of switch FOX 1405Q033 CON-SNT-C4506E Bx5xNBD or Equal TIDS.NETSUIP-NBD Tredem Data Systems Each 1 5727.50 \$ 727.50			Power Supply (AC 4200W)							1			
Supervisor (E.E. 100E (KZ), 1000BaseX (SFP)win 2 100E KZ ports										1			
23 WS-X45-SUPB-LE Z2 ports	22	WS-C4506-E		FOX1402G0J3	CON-SN1-C4506E	8x5xNBD or Equal	TDS-NETSUP9-NBD	Tredent Data Systems	Each	1	\$727.50	S	727.50
24 WS-X4648-RJ45V-E baseT 1010011008aseT (RJ45)+V E Series with 48 101001100 BaseT (RJ45)+V E Series with 48 10100	23	WS-X45-SUP6L-E	X2 ports	JAE140800QJ	included				Each	1		\$	-
25 WS-X468-R-J45VE baseT	24	WS-X4648-RJ45V+E	baseT	JAE14042BKE	included				Each	1		s	-
26 WS-X4648-RJ45V-E DaseT	25	WS-X4648-RJ45V+E	baseT	JAE140429AL	included					1		\$	-
PWR-C45-4200ACV Power Supply (AC 4200W AZ513500826 included	26	WS-X4648-RJ45V+E		JAE14052X2E	included	1			Each	1		\$	-
29 WS-C6509-E Catalyst 6500 9-bit Chassis System SMG1501N00K CON-SNT-WS-C6509 8x5xNBD or Equal TDS-NETSUP34-NBD Tredent Data Systems Each 1 \$2.559.38 \$ 2.559.38										1		\$	-
WS-X6748-GE-TX CEF720 48 port 10/100/1000mb SAL145133GZ included Etemet Rev. 4.1 S S S S S S S S S												\$	
30 WS-X6148-GE-1X Entent Rev. 4.1 SAL 14513022 Included WS-X6148-GE-45AF EtherModule Rev. 4.1 SAL 145130PB Included WS-X6148-AGE-45AF EtherModule Rev. 4.1 SAL 145130PB Included EtherModule Rev. 4.1 SAL 145130PB Included EtherModule Rev. 4.1 SAL 150149MM Included Each I S S			WS-X6748-GE-TX CEF720 48 port 10/100/1000mb			8x5xNBD or Equal	TDS-NETSUP34-NBD	Tredent Data Systems			\$2,559.38	s	
32 VS-S720-10G VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4. SAL150149MM included			WS-X6148A-GE-45AF 48-port 10/100/1000 RJ45							-		s	
32 VS-S720-10G VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4. SAL15024HCR included									Each	1		s	
33 VS-St2-10-103 VS-St2-10-105 ports supervisor engine /20 Tucke Rev. 4, SL1-15024FLR included					İ							s	
34 7600-SPI-200 200 NeW 2-503 34 5400-SPI-200 200 NeW 2-503 34 5400-SPI-200 34 5400-SP			7600-SIP-200 0 ports 4-subslot SPA Interface Processor-				TDS-NETSUP9-NBD	Tredent Data Systems		-	\$683.25	s	
36 ASR 1002 Cisco ASR 1002 Chassis FOX 1446GZM9 CON-SNT-ASR 1002 8x5xNBD or Equal TDS-NETSUPIO-NBD Tredent Data Systems Each 1 S796.88 S 796.88 37 SPA-8X1GE-V2 8-port Gigabit Ethernet Shared Port Adapte JAE 150609XT included Each 1 S - 38 SPA-1X10GE-L-V2 1-port 10 Gigabit Ethernet Shared Port Adapter XFP based SAL 1812NSGU included Each 1 S - 39 ASR 1002 Cisco ASR 1002 Chassis FOX 1447G266 CON-SNT-ASR 1002 8x5xNBD or Equal TDS-NETSUPIO-NBD Tredent Data Systems Each 1 5796.88 5 796.88								1					
37 SPA-8X1GE-V2 8-port Gigabit Ethernet Shared Port Adapte JAE150609XT included Each 1 S S 38 SPA-1X10GE-L-V2 1-port 10 Gigabit Ethernet Shared Port Adapter XFP based SAL1812NSGU included Each 1 S - 39 ASR1002 Cisco ASR1002 Chassis FOX1447G266 CON-SNT-ASR1002 8x5xNBD or Equal TDS-NETSUP10-NBD Tredent Data Systems Each 1 5796.88 \$ 796.88										1		5	
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41	SPA-1X10GE-L-V2	1-port 10 Gigabit Ethernet Shared Port Adapter XFP based	SAL1915DB2V	included				Each	1		s -
42	ASR1002	Cisco ASR1002 Chassis	FOX1448GW3R	CON-SNT-ASR1002	8x5xNBD or Equal	TDS-NETSUP10-NBD	Tredent Data Systems	Each	1	\$796.88	\$ 796.88
43	SPA-8X1GE-V2	8-port Gigabit Ethernet Shared Port Adapte	JAE1509052M	included				Each	1		\$ -
	SPA-1X10GF-I -V2	1-port 10 Gigabit Ethernet Shared Port Adapter XFP based	SAI 1737CORV					Each	1		s -
44 45	N5K-C5548P	Nexus 5548P	SSI14440CWH	included CON-SNT-C5548P	Out AIDD as Faurel	TDS-NETSUP8-NBD	Tredent Data Systems	Each	1	\$630.00	\$ 630.00
45	N5K-C5548P	O2 32X10GE/Modular Superviso	JAF1504ADRS	included	6X5XNBD of Equal	IDS-NETSUF6-NBD	Hedeni Data Systems	Each	1	\$030.00	\$ -
47	N55-M8P8FP	O2 8X10GE + 8x1/2/4/8G FC Module	JAF1447DCLM	included				Each	1		s -
48	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GI	SSI14470DK5	CON-SNT-N2248T		TDS-NETSUP1-NBD	Tredent Data Systems	Each	1	\$88.50	\$ 88.50
49	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI144807BC	CON-SNT-N2248T		TDS-NETSUP1-NBD	Tredent Data Systems	Each	1	\$88.50	\$ 88.50
50	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI144805EF	CON-SNT-N2248T	8x5xNBD or Equal	TDS-NETSUP1-NBD	Tredent Data Systems	Each	1	\$88.50	\$ 88.50
51	N2K-C2232PP-10GE	N2K 10GE, 2 AC PS, 1 Fan (Std Air), 32x1/10GE+8x10GE	SSI152602G4	CON-SNT-N2248T	8x5xNBD or Equal	TDS-NETSUP1-NBD	Tredent Data Systems	Each	1	\$88.50	\$ 88.50
52	WS-C6513-E	Cisco Systems, Inc. Catalyst 6500 13-slot Chassis System	FOX1448G1TY	CON-SNT-C6513E	8x5xNBD or Equal	TDS-NETSUP57-NBD	Tredent Data Systems	Each	1	\$4,331.25	\$ 4,331.25
53	VS-S720-10G	VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4.	SAL15024HD3	included				Each	1		s -
54	VS-S720-10G	VS-S720-10G 5 ports Supervisor Engine 720 10GE Rev. 4.	SAL15024PRE	included				Each	1		s -
55	WS-X6748-GE-TX	WS-X6748-GE-TX CEF720 48 port 10/100/1000mb Ethernet Rev. 4.1	SAL145133L6	included				Each	1		s -
56	ACE20-MOD-K9	ACE20-MOD-K9 1 ports Application Control Engine Module Rev. 2.6	SAL1450289R	CON-SNT-ACE20MOD	8x5xNBD or Equal	TDS-NETSUP31-NBD	Tredent Data Systems	Each	1	\$2,371.50	\$ 2,371.50
57	7600-SIP-200	7600-SIP-200 0 ports 4-subslot SPA Interface Processor- 200 Rev. 2.303	JAE14430HCM	CON-SNT-7600SIP2	8x5xNBD or Equal	TDS-NETSUP9-NBD	Tredent Data Systems	Each	1	\$683.25	\$ 683.25
58	SPA-2XT3/E3	2-port T3/E3 Serial Shared Port Adapte	JAE14350SPL	CON-SNT-2XT3E3		TDS-NETSUP2-NBD	Tredent Data Systems	Each	1	\$155.25	\$ 155.25
59	ASA5580-40-10GE-K9	ASA 5580-40 Adaptive Security Appliance	USE103N33F	CON-SNT-A85S42K9	8x5xNBD or Equal			Each	1	\$6,389.63	\$ 6,389.63
60	C2951-CME-SRST/K9	CISCO2951/K9 chassis	FTX1633A04E	CON-SU1-2951CMST	8x5xNBD or Equal	mp a Nymay ma a Nym		Each	1	\$549.00	\$ 549.00
61	WS-C4510R+E	WS-C4510R+E 10 slot switch 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	FXS1630Q0KN	CON-SNT-C4510R+E	8X5XNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each		\$1,968.75	\$ 1,968.75
62	WS-X4748-UPOE+E	baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT1631L458	included				Each	1		s -
63	WS-X4748-UPOE+E	baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT1631L5EH	included				Each	1		\$ -
64	WS-X4748-UPOE+E	baseT UPOE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT1630L2TF	included				Each	1		s -
65	WS-X4748-UPOE+E	baseT UPOE ports Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+	CAT1649L3NE	included				Each	1		s -
66	WS-X45-SUP7-E	Ports	CAT1633L1ZA	included				Each	1		s -
67	WS-X4582+E	FanTray	FXS1629Q27Y	included				Each	1		\$ -
68	PWR-C45-6000ACV	Power Supply (AC 6000W) Power Supply (AC 6000W)	DTM163300H6 DTM163300HB	included included				Each Each	1		\$ -
70	WS-C4510R+E	WS-C4510R+E 10 slot switch	FXS1630Q0TQ	CON-SNT-C4510R+F	8y5yNRD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each	1	\$1.968.75	s 1.968.75
71	WS-X4748-UPOF+F	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports	CAT1633L37B	included				Each	1	41, 00.10	s -
72	WS-X4748-UPOE+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports	CAT1629L5WH	included				Each	1		s -
73	WS-X4748-UPOE+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports	CAT1649L202	included				Each	1		s -
74	WS-X4748-UPOE+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT UPOE ports	CAT1630L36T	included				Each	1		s -
75	WS-X4740-01-0E4E WS-X45-SUP7-E	Sup 7-E 10GE (SFP+), 1000BaseX (SFP) with 4 SFP+ Ports	CAT1633L309	included				Each	1		s -
	WS-X4582+E	FanTray	FXS1629Q1ZX	included				Each	1		s -
77	PWR-C45-6000ACV	Power Supply (AC 6000W)	AZS16340AGZ	included				Each	1		\$ -
78	PWR-C45-6000ACV	Power Supply (AC 6000W)	AZS16340AGG	included				Each	1		S -
79	WS-C4510R+E	WS-C4510R+E 10 slot switch	FXS2003Q2TX	CON-SNT-C4510R+E	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each	1	\$1,968.75	\$ 1,968.75
80	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2002L75K	included				Each	1		s -
81	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2002L75B	included				Each	1		s -
82	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2011L0C7	included				Each	1		s -
83	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2011L0C7	included				Each	1		s -
84	WS-X45-SUP8-E	Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+ Ports	CAT2011L5EG	included				Each	1		s -
85	WS-X45-SUP8-E WS-X4582+E	Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+ Ports	CAT2011L5GG	included				Each	1		s -
86 87	WS-X4582+E PWR-C45-6000ACV	FanTray Power Supply (AC 6000W)	FXS2002Q5DJ ART1952FAEK	included included	-			Each Each	1		S -
88	PWR-C45-6000ACV	Power Supply (AC 6000W)	ART1952FEUN	included				Each	1		\$ -
89	WS-C4510R+E	WS-C4510R+E 10 slot switch	FXS2003Q2V9	CON-SNT-C4510R+E	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each	1	\$1,968.75	\$ 1,968.75
90	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2002L703	included				Each	1		s -
91	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2002L75T	included				Each	1		s -
92	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2011L0DW	included				Each	1		s -
93	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2011L0P6	included				Each	1		s -
	_	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000									
94	WS-X4748-RJ45V+E	baseT Premium PoE ports	CAT2002L6K8	included	<u> </u>			Each	1		s -

		Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+			1	1		1		ı		
95	WS-X45-SUP8-E	Ports	CAT2011L5F8	included				Each	1		S	-
		Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+						Each	1		s	-
96 97	WS-X45-SUP8-E WS-X4582+E	Ports FanTray	CAT2010L5C7 FXS2002Q5DQ	included included				Each				
98	PWR-C45-6000ACV	Power Supply (AC 6000W)	ART1952FEUG	included				Each	1		S	
99	PWR-C45-6000ACV	Power Supply (AC 6000W)	ART1952FEUJ	included				Each	1		s	
100	WS-C4510R+E	WS-C4510R+E 10 slot switch	FXS2020Q11E	CON-SNT-C4510R+E	8x5xNBD or Equal	TDS-NETSUP26-NBD	Tredent Data Systems	Each	1	\$1,968.75	\$	1,968.75
101	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2003L0KG	in alcohol				Each	1		\$	
101	WS-X4/48-KJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CA12003L0KG	included							_	
102	WS-X4748-RJ45V+E	baseT Premium PoE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT2002L73N	included				Each	1		5	-
103	WS-X4748-RJ45V+E	baseT Premium PoE ports	CAT2002L6NT	included				Each	1		s	-
104	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2011L174	included				Each	1		s	-
		10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000						Each	1			_
105	WS-X4748-RJ45V+E	baseT Premium PoE ports 10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000	CAT2012L2TX	included							3	
106	WS-X4748-RJ45V+E	baseT Premium PoE ports	CAT2011L0DA	included				Each	1		S	-
107	WS-X4748-RJ45V+E	10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000 baseT Premium PoE ports	CAT2011L0U0	included				Each	1		s	-
		10/100/1000BaseT (RJ45)+V E Series with 48 10/100/1000						Each	1		s	_
108	WS-X4748-RJ45V+E	baseT Premium PoE ports Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+	CAT2002L6RU	included							s	
109	WS-X45-SUP8-E	Ports	CAT2012L2TX	included				Each	1		5	-
110	WS-X45-SUP8-E	Sup 8-E 10GE (SFP+), 1000BaseX (SFP) with 8 SFP+ Ports	CAT2012L3U4	included				Each	1		\$	-
111	WS-X4582+E	FanTray	FXS2019Q4XK	included				Each	1		s	
112	PWR-C45-6000ACV	Power Supply (AC 6000W)	ART1952FAE7	included	İ			Each	1		\$	
113	PWR-C45-6000ACV	Power Supply (AC 6000W)	DTM201101NE	included				Each	1		\$	-
114	ASR1002	Cisco ASR1002 Chassis	FOX1439GDQM	CON-SNT-ASR1002	8x5xNBD or Equal	TDS-NETSUP10-NBD	Tredent Data Systems	Each	1	\$796.88	S	796.88
115	SPA-8X1GE-V2	8-port Gigabit Ethernet Shared Port Adapte	JAE14530C91	included			,	Each	1		S	
											-	$\overline{}$
116	SPA-1X10GE-L-V2	1-port 10 Gigabit Ethernet Shared Port Adapter XFP based	SAL1617B7WW	included				Each	1		\$	-
	•	Optional Ren	ewal Year 4- Tot	al Overall Cost of Contract It	em #1: Extended S	ervice Agreement - Cisco SMA	RTNet 8x5xNBD or Equal	•	•		\$ 43	3,454.25
						4	-				'	
		Optional Contract Renewal Year 4- Contract Item #2: Extended Service Agreement – Cisco SMARTNet 8x5x4 or Equa			8x5x4 or Equal							
117	N7K-C7010	Nexus7000 C7010 (10 Slot) Chassis	JAF1527DPDD	CON-SNTE-C7010	8x5x4 or Equal	TDS-NETSUP73-4	Tredent Data Systems	Each	1	\$5,476.50	s	5,476.50
118	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405QX	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
119	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI15230AXX	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
120	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI15250197	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
121	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152101SW	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
122	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152101EZ	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
123	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152405TG	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
124	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152403YW	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
125	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152101V6	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	\$	128.25
126	N2K-C2248TP-1GE	N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152101SS	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25
		N2K GE, 2PS, 1 Fan Module, 48x100/1000-T+4x10GE	SSI152403ZZ	CON-SNTE-N2248T	8x5x4 or Equal	TDS-NETSUP1-4	Tredent Data Systems	Each	1	\$128.25	s	128.25

128		ASA 5585-X Chas with SSP40,6GE,4SFP+,2GE Mgt,2 AC,3DES/AES	JMX1538702V	CON-SNTE-A85S42K9	8x5x4 or Equal			Each	1	\$8,306.63	s	8,306.63
129		ACE 4710 Hardware-2Gbps-7500 SSL-1GbpsComp-5VC-50AppAccelAppliance		CON-SNTE-ACE47102	8x5x4 or Equal	TDS-NETSUP41-4	Tredent Data Systems	Each	1	\$3,149.63	s	3,149.63
Optional Renwal Year 4- Total Overall Cost of Contract Item #2: Extended Service Agreement - Cisco SMARTNet 8x5x4 or Equal										\$	18,215.25	

Total Overall Cost \$ 267,234.50

TDS-NetSupport The affordable SMARTnet® solution



The Smart Alternative to SMARTnet®

With Tredent Data System's TDS-NetSupport maintenance solution, IT professionals have the ability to select the level of support that makes technical and financial sense for core service, access and distribution layers, as well as remote offices and other network components.

maintenance costs. inflexible Ballooning contracts, and hardware upgrades forced by end-of-support on generation previous equipment strain networking budgets worldwide. TDS-Netsupport gives you more options to protect your networks - even endof-life-equipment - at a fraction of Cisco SMARTnet® costs.

TDS-NetSupport provides complete network protection with 24x7 technical support and advanced hardware replacement, delivered same day.

TDS-Netsupport Advantages

- Maintenance and support savings of 60-70% and 24x7 global support
- Advanced and same day hardware replacement
- Reduced maintenance costs and flexible contracts
- Cisco certified technicians with hands-on network experience
- Multi generational hardware including end of life equipment
- Very flexible contract terms
- IOS updates and bug fixes included
- No recertification fees
- No questions asked. Money back guaranteed





With TDS-NetSupport, we cut our annual maintenance cost in half and get better service than we had from the manufacturer.

Albert Masgard
IT Manager
The NPD Group



TDS-NetSupport The affordable SMARTnet® solution



Extend End-of-Life

Manufacturers announce end-of-life on equipment with increasing frequency leaving companies facing end-of-support on trusted infrastructure that will still meet requirements for several years with critical infrastructure standardized on a stable platform. These forced upgrades are not only a large, unplanned expense, but also a frustrating and unnecessary risk. TDS-NetSupport provides full support for previous generation and end-of-life equipment, so IT departments can protect the established network and maintain control of their organization's technology roadmap.

Protect Your Edge

The high cost of maintenance forces many organizations to focus their resources on the core, leaving edge routers and remote offices vulnerable. TDS-NetSupport's affordable pricing structure allows companies to protect core, distribution and access layers - leaving nothing to chance.

One Call Support

TDS-NetSupport services and supports all Cisco networking equipment. Even equipment not purchased from Tredent is eligible for TDS-NetSupport coverage without expensive certification fees. With TDS-NetSupport, you have one reliable support resource for all of your routers, switches, security hardware, wireless devices and IP telephony.

Certified Network Experts

From pre-sales consultation to 24x7 technical support, Tredent's support team is highly trained to provide expert advice. Tredent's technicians hold a variety of certifications including CCNA, CCNP & CCIE credentials and have the hands-on experience to quickly troubleshoot "real world" network problems. With one call, you can reach technical professionals who understand production network environments.

TDS-NetSupport The affordable SMARTnet® solution



A Few of our Satisfied Customers

Allen Matkins Leck Gamble & Natsis.LLP

Antelope Valley Hospital

California Credit Union

City of Barstow

City of Palmdale

City of Whittier

Dako Cytomation Inc.

Engines Inc.

Family Office Financial Services LLC

City of Engelwood

Kanner Corporation

Palmdale Water District

Public Storage, Inc.

Rain for Rent, Inc.

Southern California Edison

Syska Hennessy Group

The NPD Group

The California Wellness Foundation

Unitrans International Corporation

Wasserman Media Group

"The team at Tredent provide an excellent option, if customer service is important to you. As far as I am concerned, TDS-Netsupport is smart business."

GARY KNAPP, Power Production, Southern California Edison Co.

"I've worked with Tredent Data Systems for the better part of 10 years now and highly recommend them.

TDS worked with me on many projects while I was at the City of Palmdale migrating us from NT to Windows

2003 and Exchange 5.5 to Exchange 2003, in addition they helped us light up the transportation center with

publicly accessible Wi-Fi. I have a current project here at the Palmdale Water District where they are the

primary vendor to upgrade our AD 2003 to 2008, Exchange 2003 to 2010, virtualize our servers, upgrade our

network infrastructure, and implement a SAN. These guys are more than vendors they are true partners.."

JIM STANTON, Director of IT, Palmdale Water District

"For us the TDS-NetSupport is a great alternative to Cisco's expensive SMARTnet contract. During a tough budget year, it is great to have an alternative that offers a better value."

SHERVAN SHAH, IT Director, Syska Hennessey

WORLDWIDE HEADQUARTERS

3241 Grande Vista Dr., Newbury Park, CA, 91320 **TEL** 1-805-716-8120 | **TOLL FREE** 1-866-873-3368 | **FAX** 1-805-375-4912