

**West Virginia  
Department of Education  
RFP EDD353450**

**Cost Proposal - Original**

**Presented by:  
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**April 26, 2011**







# **West Virginia Department of Education RFP EDD353450 Cost Proposal**

Presented to West Virginia Department of Education

By

Earl Palmer

Client Representative

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301-930-4290

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Attachment C – Cost Sheet..... 1

## Attachment C – Cost Sheet

Cost information below as detailed in the Request for Proposal and submitted in a separate sealed envelope. Cost should be clearly marked.

ALL costs associated with this procurement are to be listed on the Price List. The cost tables are to show the straight purchase costs stated in firm dollar amounts. Indicating additional costs by the use of phrases such as “plus expenses” or “costs to be determined” is not acceptable and may be deemed as non-responsive.

All costs **must** be identified. Any cost associated with the bidder's proposal not listed by the bidder will be the bidder's responsibility.

For clarity, it is appropriate for the bidder to show a line item without a cost if the bidder offers it as such.

Bid the cost for network cabling as per drop installed. This cost includes cable, installation of cable, installation of ends, certification of cable run, termination boxes, faceplates and raceway. Cabling costs should be shown in price per drop increments. Bidder should show quantity discounts for additional drops per the specifications.

### Prevailing Wage Rate Requirements:

Labor for the installation of equipment requiring the skills of established trades, including but not limited to, electricians, carpenters, etc. are subject to the applicable West Virginia Division of Labor prevailing wage rates found at the Secretary of State's website: <http://www.sos.wv.gov/administrative-law/wagerates/Pages/default.aspx>. One example of such labor is network cable installation. The successful bidder must comply with the Division of Labor's Rules and Regulations for the West Virginia Prevailing Wage Act, 42CSR7, found at <http://apps.sos.wv.gov/adlaw/csr/rule.aspx?rule=42-07>,

insofar as they relate to labor subject to the Act. For this contract, the West Virginia Department of Education shall undertake the responsibilities and obligations of the “Public Authority” set forth in 42CSR7.

Format the price list in Microsoft Excel in landscape format using the column headings shown below. Complete all columns.

The quantities shown below have been established for evaluation purposes only.

The bidder should complete the cost by multiplying the QTY by the UNIT COST to establish a TOTAL COST for each item. All items should then be totaled to establish the TOTAL COST for cost evaluation purposes.

**For purposes of the cost evaluation, only the items listed with quantities will be used. DO NOT adjust any of the preselected quantities. All new items added to establish the complete price list should have a quantity of zero (0), so as not to count in the cost evaluation process.**

The bidder should not assume that the quantities identified below are a projection of future procurements.



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So as not to penalize the bidder proposing complete proposal responses, including all desirable items and services requested in the RFP, the WVDE reserves the right to add the highest cost bid by any other bidder for the missing item(s) and/or service(s). This is done only for the purpose of cost analysis and in determination of points for the bidder's cost proposal.

The columns titled TFS Item Number, Manufacturer, Manufacturer Part Number, Description, Warranty, Notes, and Unit Price will be used to create the final contract price list. The columns titled Quantity, RFP Item Number, RFP Description, and Total Cost columns, and the "Total" cell at the bottom of the price list will be used for cost review / evaluation purposes only.

For your convenience, we have started the TFS Item Numbers for the hardware section. However, the bidder will need to continue creating and inserting the appropriate TFS Item Number for all remaining items on the submitted cost sheet / price list. **Remember, all new items created need to maintain a quantity of zero (0), so as not to count in the cost evaluation process.** The information below describes the protocol the bidder should follow in completing the TFS Item Numbers.

### **\*Introduction to Item Number Formatting**

When completing the proposed cost sheet / price list, bidders should use the item number sequence protocols included below to complete the "TFS [Tools for Schools] Item Number" column.

**Field 1** is a one digit alpha field designating T for Tools for Schools Contract.

**Field 2** is a two digit alpha field designating the following: SW- (Software); PD-(professional development); HW-(Hardware); CA-(Cabling); WI-(Wireless); NW-(Network Electronics); OS-(Operating System Software); SV-(Service Offerings); VR (Virtualization).

**Field 3** is a three digit number that designates categories of items listed in Field #2. It starts with 010 and skips in increments of 10 for each category (e.g., THW-010-0100 = computer workstation. All computer workstations would be THW-010-xxxx. An accessory subcategory for an item should end in 5. For example, THW-040-0100 = standard notebook and THW-045-0100 represents the accessory item "4 year extended warranty" for the standard notebook.

**Field 4** is a four digit number that starts with 0100 and designates item subcategories.

We recommend allowing increments of 100 between models within a category. For example, the standard workstation is THW-010-0100. THW-010-0200 would be the All-in-One Desktop PC (workstation).

In the future, when contract replacements are processed via an approved change order, replacements will increment by 1. For example, the replacement for the standard workstation would be THW-010-0101.

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Disclaimer: The bidder is responsible for all calculations, formulas and costs. The WVDE is not responsible for any calculation or formula errors.



WV Customer Price  
List - FINAL.xls

Upon your notification of intent to award the RFP to IBM, IBM anticipates that a mutually agreed upon Statement of Work ("SOW") will be negotiated and will represent IBM's sole and exclusive response to your RFP.



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Notes	Unit Price	Total Cost with out Annual Support	Total cost WTH Annual Support	
<b>Workstations -</b>											
<i>All WYDE imaged models will ship with recovery media</i>											
<b>Small Form Factor Workstations</b>											
1250	2.4.4.01	Workstation	THW-010-0100	Lenovo	LECR-8FGSHT CM01	BASIC Workstation, SSF 2GB, 250GB Win7 Pro, 3 yr onsite	3 year onsite	481.00	601,250.00	601,250.00	
0			THW-010-0110	Lenovo	LECR-8FGSHT CM02	Mid Range Workstation PLUS SSF 4GB, 500GB Win7 Pro, 3 yr onsite	3 year onsite	560.00	0.00	0.00	
0			THW-010-0120	Lenovo	LECR-8FGSHT CM03	Power Workstation SSF 4GB, 1TB Win7 Pro, 3 yr onsite	3 year onsite	960.00	0.00	0.00	
<b>All-in-One Desktop PC</b>											
100	All-in-One	All-in-One Desktop PC - warranty upg below	THW-010-0200	Lenovo	0401B7U A70Z	BASIC All-in-One 2g/320g, 19", DVD Recordable, Wireless, Camera, Win7 Pro, 1 year Warranty	1 year depot	675.00	67,500.00	67,500.00	
0			THW-010-0210	Lenovo	LECR-8FGSHT CM04	M90Z 23" HD All-in-One - 2GB/250G, DVD Recordable, Camera, Win7 Pro	3 year onsite	815.00	0.00	0.00	
100	2.4.4.02	3yr upg A-I-O	THW-015-0200	Lenovo	45K5950	<b>4th Year Warranty Extensions</b> 3 Year onsite warranty for Basic A70Z All-in-one		29.50	2,950.00	2,950.00	
0			THW-015-0210	Lenovo	45K5957	4th Year onsite warranty for Basic A70Z All-in-one requires purchase of 45K5950 above		24.00	0.00	0.00	
150	2.4.4.04.1	4th Year Warranty for Workstation	THW-015-0100	Lenovo	41c9194	4th year onsite upgrade for workstations and M90Z All-in-One		29.00	4,350.00	4,350.00	
<b>Monitors</b>											
750	2.4.4.03.1	17" Flat Panel Monitor	THW-020-0100	Lenovo	2580AB1	Lenovo 18.5" VGA Monitor 1366x768	3 year exchange	112.00	84,000.00	84,000.00	
750	2.4.4.03.2	17" Flat Panel Monitor with VGADVI	THW-020-0110	Lenovo	5047HB2	Lenovo 17" Flat Panel Monitor with VGADVI 1280x1024	3 year exchange	126.00	94,500.00	94,500.00	
50	2.4.4.03.3	19" Flat Panel Monitor with VGADVI	THW-020-0120	Lenovo	4431HE1	19" Flat Panel Monitor with VGA/DVI 1280x1024	3 year exchange	186.00	9,300.00	9,300.00	
0	2.4.4.3-4		THW-020-0130	Lenovo	2572HB6	21" Flat Panel Monitor with VGADVI 1680x1050	3 year exchange	210.00	0.00	0.00	
0	2.4.4.3-5		THW-020-0140	Lenovo	4420HB2	24" Flat Panel Monitor with VGADVI 1920x1200	3 year exchange	340.00	0.00	0.00	
<b>Computer Workstation Accessories and Upgrades</b>											
0	2.4.4.4-2		THW-015-0500	Lenovo	43R1990	Lenovo 500GB 7200 rpm SATA Hard Drive		59.00	0.00	0.00	
0	2.4.4.4-3		THW-015-0510	Lenovo	45J7918	Lenovo 1TB 7200 rpm SATA Hard Drive		76.00	0.00	0.00	
0	2.4.4.4-4		THW-015-0520	Lenovo	45J5435	Lenovo 2GB PC3-8500 UDIMM Memory		40.00	0.00	0.00	
0	2.4.4.4-5		THW-015-0530	Lenovo	0A61725	Logitech Speaker with AC Power		12.00	0.00	0.00	
0	2.4.4.4-6		THW-015-0540	Altec Lansing	VS2820	Altec Lansing VS2620 - PC Multimedia Speakers - 5 Watt		26.00	0.00	0.00	
0	2.4.4.4-7		THW-015-0550	Callitone	3068	Callitone Headphone with Volume Control		17.50	0.00	0.00	
0	2.4.4.4-7		THW-015-0560	Callitone	3066AV	Callitone Heavy Duty Stereo Headphone/Mic Combo		36.00	0.00	0.00	
0	2.4.4.4-8		THW-015-0570	Logitech	980186-0403	Logitech USB Desktop Microphone		19.50	0.00	0.00	
0	2.4.4.4-9		THW-015-0580	Kensington	72121	Kensington USB 5 button optical Mouse		16.95	0.00	0.00	
0	2.4.4.4-10		THW-015-0590	Lenovo	40Y7616	Lenovo Sound Bar		23.00	0.00	0.00	
0	2.4.4.4-11		THW-015-0600	Lenovo	43R1985	PCI Express DUAL DVI video adapter		17.25	0.00	0.00	
0	2.4.4.04-12		THW-015-0610	Allied Telesys	AT-WNP300N/NA-001	Allied Telesis AT WNP300N - Wireless Network Adapter		54.00	0.00	0.00	
0			THW-015-0620	Lenovo	57Y7891	PCI 302 11b/g/n		72.00	0.00	0.00	
0			THW-015-0630	Western Digital	WDBAAH0020H-CH- NESN	PCI Express Xtreme N Desktop Wireless Adapter		165.00	0.00	0.00	
1	2.4.4.07	Flash Drive (4GB)	THW-030-0100	Kingston	DT100g2/4gbz	My Book Elite 2TB USB Hi-Speed Hard Drive		11.00	11.00	11.00	
0	2.4.4.7-2		THW-030-0110	Kingston	DT100g2/8gbz	<b>Flash Drives</b> Flash Drive (4GB) USB Hi-Speed		18.50	0.00	0.00	
0	2.4.4.7-3		THW-030-0120	Kingston	DT100g2/16gbz	Flash Drive (8GB) USB Hi-Speed		28.00	0.00	0.00	
0	2.4.4.7-5		THW-030-0130	Kingston	DT100g2/32gbz	Flash Drive (16GB) USB Hi-Speed		72.00	0.00	0.00	
0	2.4.4.7-6		THW-030-0140	Kingston	DT100g2/64GB	Flash Drive (32GB) USB Hi-Speed Flash Drive (64GB) USB Hi-Speed		175.00	0.00	0.00	
<b>Standard/Power Notebooks</b>											
<b>Standard Notebook</b>											
800	2.4.4.08	Standard Notebook Computer - warranty upg below	THW-040-0100	Lenovo	LECR-8FGSHT CM012	Lenovo L420 Intel Core i3, 2G/250G, 14" 1366x768		681.00	544,800.00	544,800.00	
800				Lenovo	43R1814	LCD, CDRW/DVDRW, Wireless, 4 Cell, 3 year DEPT		16.80	13,440.00	13,440.00	
0			THW-040-0110	Lenovo	LECR-8FGSHT CM015	USB Modem for L420 Lenovo L420 Intel Core i3, 4G/320G, 15", CDRW/DVDRW, 4 Cell, Win7 Pro, 3 Yr. DEPT		730.00	0.00	0.00	



Qty	RFP Item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
100	2.4.4.09	Power Notebook - warranty upg below - modem not required	THW-040-0200	Lenovo	LECR-8FGSHT CM05	Lenovo L520, 4G/500G, 15", DVDRW, WWAN, 1G EN, Win7 Pro, 4 cell, 3 Yr DEPOT			935.00	93,500.00	93,500.00
0			THW-040-0210	Lenovo	LECR-8FGSHT CM16	Lenovo L520, 8G/500G, 15", DVDRW, WWAN, 1G EN, Win7 Pro, 4 cell, 3 Yr DEPOT			955.00	0.00	0.00
800		required for 4th Year Warranty for Power Notebook	THW-045-0100	Lenovo	45K6021	Standard Power Notebook Accessories and Options 3 year Onsite upgrade for L420 or L520 above			32.48	25,984.00	25,984.00
100	2.4.4.10.1		THW-045-0105	Lenovo	45K6022	4 year Onsite upgrade for L420 or L520 - does NOT require 45K6021 as prereq			110.00	11,000.00	11,000.00
0	2.4.4.10.2		THW-045-0110	Lenovo	55Y3710	2G PC3 SODIMM Memory for Notebooks			35.00	0.00	0.00
0	2.4.4.10.3		THW-045-0120	Lenovo	55Y3711	4G PC3 SODIMM Memory for Notebooks			57.00	0.00	0.00
0	2.4.4.10.4		THW-045-0130	Lenovo	0A69344	320G Notebook Hard Disk Drive			90.00	0.00	0.00
0	2.4.4.10.5		THW-045-0140	Lenovo	0A69348	500G Notebook Hard Disk Drive			145.00	0.00	0.00
0	2.4.4.10.6		THW-045-0150	Lenovo	31P7410	Mobile mouse			13.00	0.00	0.00
0	2.4.4.10.8		THW-045-0160	Lenovo	57Y4185	Spare Battery - 6 cell			84.00	0.00	0.00
0	2.4.4.10.8		THW-045-0170	Lenovo	57Y4186	Spare Battery - 9 cell			139.00	0.00	0.00
1	2.4.4.10.10	Docking Station for Power Notebook	THW-045-0180	Lenovo	433810U	Docking Station for standard and power notebooks			173.00	173.00	173.00
0			THW-045-0190	Lenovo	433710U	Mini Dock for standard and Power notebooks			147.00	0.00	0.00
0			THW-045-0200	Lenovo	433610W	Port Replicator for Standard and Power Notebooks			108.00	0.00	0.00
1	2.4.4.10.11	External Keyboard	THW-045-0210	Lenovo	73P5220	Lenovo External Keyboard			16.80	16.80	16.80
1	2.4.4.10.12	USB 2-button Mouse	THW-045-0220	Lenovo	06P4069	Lenovo USB 2 Button Mouse			9.00	9.00	9.00
0			THW-045-0230	Lenovo	43R2476	Notebook Carrying Case			28.00	0.00	0.00
0			THW-045-0240	Lenovo	43R2482	Notebook Backpack			31.00	0.00	0.00
0			THW-045-0250	Lenovo	40Y7659	90W AC Adapter for Notebooks			33.00	0.00	0.00
2000	2.4.4.11	Mini Notebook	THW-050-0100	Lenovo	LECR-8FGSHT CM06	<b>Mini Notebook - Windows 7 Pro</b> Lenovo X120e 2G/250Gb, 3 cell, Win7 PRO	1 Year Depot		446.00	892,000.00	892,000.00
0			THW-050-0110	Lenovo	LECR-8FGSHT CM07	Lenovo X120e 4G/250Gb, 3 cell, Win7 PRO	1 Year Depot		475.00	0.00	0.00
0			THW-050-0120	Lenovo	LECR-8FGSHT CM09	Lenovo X120e 2G/250Gb, 6 cell, Win7 PRO	1 Year Depot		480.00	0.00	0.00
0			THW-050-0130	Lenovo	LECR-8FGSHT CM13	Lenovo X120e 2G/250Gb, 6 cell, Win7 PRO - BULK	1 Year Depot		460.00	0.00	0.00
0			THW-050-0140	Lenovo	LECR-8FGSHT CM10	<b>SHIP &gt; 199 per site single PO</b> Lenovo X120e 4G/250Gb, 6 cell, Win7 PRO	1 Year Depot		508.00	0.00	0.00
0			THW-050-0150	Lenovo	LECR-8FGSHT CM14	Lenovo X120e 4G/250Gb, 6 cell, Win7 PRO - BULK	1 Year Depot		486.00	0.00	0.00
200	2.4.4.12.1	2nd Year Warr for Mini Notebook	THW-055-0100	Lenovo	45K5971	<b>SHIP &gt; 199 per site single PO</b> Lenovo X120e upgrade to 2 yr DEPOT warranty			32.48	6,496.00	6,496.00
0			THW-055-0100	Lenovo	45K5972	Lenovo X120e upgrade to 3 yr DEPOT warranty			74.00	0.00	0.00
0			THW-055-0100	Lenovo	45K5969	Lenovo X120e upgrade to 2 yr Onsite warranty			61.50	0.00	0.00
0			THW-055-0100	Lenovo	45K5970	Lenovo X120e upgrade to 3 yr ONSITE warranty			83.00	0.00	0.00
0			THW-055-0110	Lenovo	40Y7735	Lenovo X120e 2GB PC2-5300 DDR2 Memory			50.00	0.00	0.00
0			THW-055-0130	Lenovo	40Y7625/40Y7659	Lenovo X120e External Battery Charger + AC adapter - Also works for standard/power notebooks			85.00	0.00	0.00
0			THW-055-0140	Lenovo	57Y4559	Lenovo X120e Spare 6 cell Battery			39.00	0.00	0.00
0			THW-055-0150	Lenovo	57Y3583	Lenovo X120e Hi-Speed USB2 and FireWire 6-Port Hub			33.00	0.00	0.00
0			THW-055-0160	Lenovo	0A33942	- also works with Standard and power notebooks Lenovo X120e Docking Station/Port Replicator			77.00	0.00	0.00
0			THW-055-0190	Lenovo	57Y4286	Lenovo mini notebook/netbook carrying case			13.00	0.00	0.00
1	2.4.4.13	Netbook	THW-060-0100	Lenovo	064725U - S10-3	<b>Netbook</b> Lenovo S10-3 Netbook 1G/160G, 10.1in 1024x600 LCD, Camera, 6 cell, Win7 Starter	1 Year Depot		335.00	335.00	335.00
1	2.4.4.14.1	Upgrade to netbook RAM (2GB)	THW-065-0100	Lenovo	57Y6582	Upgrade Lenovo S10 to 2G RAM - Customer must pull 1G Dimm to install this 2G Dimm			29.00	29.00	29.00
0				Lenovo	57Y6446	Lenovo S10 Spare Battery			39.00	0.00	0.00
0				Lenovo	LN-AC1930103	AC adapter for Lenovo ideapad Netbook			35.00	0.00	0.00
0				Lenovo	78Y1544	Upgrade Lenovo S10 to 2 year DEPOT warranty			20.00	0.00	0.00
0				Lenovo	78Y1547 no prereq	Upgrade Lenovo S10 to 3 year DEPOT warranty			70.00	0.00	0.00
50	2.4.4.15.1	15-Unit Mobile Notebook Storage Cart	THW-070-0100	Bretford	LAPTG15ESA-GM	<b>Laptop Carts</b> Bretford Basics Pre-Assembled Notebook Storage Cart for 15 notebooks			890.00	44,500.00	44,500.00



Qty	RFP Item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0		15-Unit Mobile Storage Cart for Notebook/Media Tablet		Bretford	LAP30EULBA-GM	Bretford Basics Pre-Assembled Notebook Storage Cart for 30 notebooks. Classmate 20 unit Notebook Storage cart with Charging			1,675.00	0.00	0.00
0	2.4.4.16.1		THW-080-0100	Intellierum	CSC-CH20	Masterlock - Set yourself Padlock for Classmate cart			1,575.00	0.00	0.00
0		15 Unit Notebook/Media Tablet cart - If not acceptable, use item THW-80-0100	THW-080-0110	Intellierum	SCS-SYPL	Bretford Pre-Assembled Notebook Storage Cart - also compatible with mini notebooks - 32 Unit Capacity			28.00	0.00	0.00
50	2.4.4.16.1		THW-080-0120	Bretford	NETBOOK32				1,425.00	71,250.00	71,250.00
1000	2.4.4.17		THW-090-0100	Lenovo	Lenovo S1	<b>Media Tablet</b> Lenovo Slate - 10.1" HD 1280x800 Multitouch Display, Intel 1.5 Ghz with Win7, 2G/32G, Bluetooth and Wifi, Micro SD Reader, USB2.0, Mic-Jack	1 Year Depot		535.00	535,000.00	535,000.00
15	2.4.4.18		THW-100-0100	IBM	x3400 M3 Server1	<b>IBM Servers - Basic</b> IBM X3400 M3 QuadCore XEON 2.4Ghz 4G/2x250G Raid 1, keyboard Mouse, 3Yr Warranty	3 year onsite		1,980.00	29,700.00	29,700.00
20	2.4.4.19		THW-100-0200	IBM	x3400 M3 Server2	<b>IBM Servers - Power</b> IBM X3400 M3 QuadCore XEON 2.8Ghz 8G/3x500G Raid 5, keyboard Mouse, 3Yr Warranty	3 year onsite		3,775.00	75,500.00	75,500.00
0			THW-100-0210	IBM	x3400 M3 Server3	<b>IBM Servers - Power Server PLUS</b> IBM X3400 M3 QuadCore XEON 2.8Ghz 16G/5x500G Raid5, DUAL PROC, KB/Mouse, 3Yr Warranty	3 year onsite		6,575.00	0.00	0.00
50	2.4.4.20		THW-100-0300	IBM	x3620 M3 Server 4	<b>IBM Servers - Rack Basic</b> IBM X3620 M3 XEON 2.8Ghz 8G/3x500G, RAID5, Keyboard/Mouse, 3Yr Warranty	3 year onsite		3,445.00	172,250.00	172,250.00
0			THW-100-0310	IBM	x3620 M3 Server 5	<b>IBM Servers - Power Rack PLUS</b> IBM X3620 M3 XEON 2.8Ghz 16G/5x500G, RAID5, DUAL PROC, Keyboard/Mouse, 3Yr Warranty	3 year onsite		5,195.00	0.00	0.00
0				IBM	x3400 4th year	<b>IBM Server Warranty Upgrades</b> X3400 Warranty Upgrade to 4 Year			220.00	0.00	0.00
1	2.4.4.21.1		THW-105-0100	IBM	x3620 4th Year	<b>Server Accessories and Upgrades</b> X3620 Warranty Upgrade to 4 Year			165.00	165.00	165.00
50	2.4.4.21.2		THW-105-0200	APC	SMT1500	<b>UPS - Non Rack Mounted</b> APC Smart-UPS 1500VA LCD 120V	3 Year		495.00	24,750.00	24,750.00
0			THW-105-0210	APC	SMT3000	APC Smart-UPS 3000VA LCD 120V	3 Year		1,045.00	0.00	0.00
0			THW-105-0300	IBM	ECC 49Y1435 x2	<b>Memory Upgrades - all x3400 and x3620 Servers</b> X3400 8G RAM (2x4G)			315.00	0.00	0.00
0			THW-105-0310	IBM	ECC 49Y1436 x2	X3400 16G RAM (2x8G)			605.00	0.00	0.00
0			THW-105-0320	IBM	ECC 49Y1436 x4	X3400 32G RAM (2x8G)			1,195.00	0.00	0.00
0			THW-105-0330	IBM	IBM 43W7626	<b>Storage Upgrades - all x3400 and x3620 Servers</b> IBM Server 1TB 7200 SATA 3.5" HS HDD			270.00	0.00	0.00
0			THW-105-0340	IBM	IBM 42D0782	IBM Server 2TB 7200 SATA 3.5" HS HDD			415.00	0.00	0.00
0			THW-105-0350	IBM	69Y0851	<b>Server Additional Processors</b> Xeon E5620 Quad Core 2.4Ghz processor for Standard Server 1 (x3400)			730.00	0.00	0.00
0			THW-105-0360	IBM	69Y0853	Xeon E5640 Quad Core 2.66Ghz processor for all x3400 servers 1,2,3 (x3400)			1,050.00	0.00	0.00
0			THW-105-0370	IBM	69Y1358	Xeon E5640 Quad Core 2.66Ghz processor for Rack Mount Servers 3620 (Servers 4 and 5)			1,250.00	0.00	0.00
0			THW-105-0380	IBM	69Y0855	Xeon X5660 6-Core 2.8Ghz processor for x3400 and x3620			1,995.00	0.00	0.00
0			THW-105-0390	IBM	46M0829	<b>Server Drive Controllers</b> Raid Controller M5015 SAS/SATA			495.00	0.00	0.00
0			THW-105-0400	IBM	44E8895	IBM Half High LTO Gen 4 SAS Tape Drive, 800/1600GB. Requires 44E8700 Controller. Rack server also requires 87651UX			2,140.00	0.00	0.00
0			THW-105-0410	IBM	44E8700	Tape Drive Controller			190.00	0.00	0.00
0			THW-105-0420	IBM	87651UX	1U Tape drive Enclosure			499.00	0.00	0.00



Qty	RFP Item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0			THW-105-0430	IBM	49Y9297	Tivoli Storage manager V6 per license Quad core requires 20 licenses, Dual Processor Quad Core requires 40 licenses - Customers can also use Windows Server Software for backup			30.00	0.00	0.00
0			THW-105-0440	IBM	42C1750	Other Server Accessories and Options			335.00	0.00	0.00
0			THW-105-0450	IBM	49Y4250	10G Ethernet Server Adapter-Emulex			580.00	0.00	0.00
0			THW-105-0460	IBM	93072RX	Server Rack Options			1,375.00	0.00	0.00
0			THW-105-0470	IBM	93074RX	IBM NetBAY S2 42U Standard Rack Cabinet			1,395.00	0.00	0.00
0			THW-105-0480	IBM	172319X	Rack Mounted Monitor - 19" Flat Panel Console Kit (can also accommodate Rack Mounted Keyboard)			1,830.00	0.00	0.00
0			THW-105-0490	IBM	40K5372	IBM Rack Mounted KB w/ integrated Pointing device - console kit above recommended			87.00	0.00	0.00
0			THW-105-0500	IBM	IBM Sys Director	Server management software-must be ordered with Server			112.00	0.00	0.00
0			THW-105-0510	IBM	46C7527	IBM Virtual Media Key - adds local and remote management functions without adapter slot			175.00	0.00	0.00
1	2.4.4.22	EMC - SATA	THW-110-0100	Buffalo	TS-X4.0TL/R5	<b>Networked Storage</b> Buffalo TeraStation III/NAS 4TB SATA-300 HD (1TB x 4) - Raid 0,1,5,10, JBOD-Gigabit Ethernet			795.00	795.00	795.00
1	2.4.4.23	EMC - SAS	THW-110-0200	Buffalo	TS-X2.0TL/R5	Buffalo TeraStation III TS-X2.0TL/R5-NAS-2TB SATA-300 HD (500GB x 4) Raid 0,1,5,10,JBOD-Gigabit Ethernet			760.00	760.00	760.00
1	2.4.4.24.1	EMC - Drive Shelf	THW-115-0100	Buffalo	TS-RX4.0TL/R5	Buffalo TeraStation III Rackmount - NAS - 4TB SATA-150-HD (1TB x 4) RAID 0,1,5,10,JBOD-Gigabit compatible with TeraStation III			1,140.00	1,140.00	1,140.00
0	2.4.4.24.2		THW-115-0110	Buffalo	OP-HD250	Buffalo Hard drive - 250GB - removable 3.5" SATA-300 compatible with TeraStation III			75.00	0.00	0.00
0	2.4.4.24.3		THW-115-0120	Buffalo	OP-HD500	Buffalo Hard drive - 500GB - removable 3.5" SATA-300 compatible with TeraStation III			94.00	0.00	0.00
0	2.4.4.24.5		THW-115-0130	Buffalo	OP-HD1.0T	Buffalo Hard drive - 1TB - removable 3.5" SATA-300 compatible with TeraStation III			125.00	0.00	0.00
60	2.4.4.25	Desktop Laser Printer	THW-120-0100	Lexmark	34S0300	<b>Printers</b> Lexmark E260dn, 35PPM, duplex printing, 1200x1200, EN		1000 page starter cartridge	201.00	12,060.00	12,060.00
0		optional printer	THW-120-0120	Lexmark	13B0500	Lexmark x264dn Mono MFP, Print/Scan/Copy/Fax		1500 page starter cartridge	360.00	0.00	0.00
0		optional printer	THW-120-0110	Lexmark	34S0700	Lexmark E460dn, 40PPM, duplex printing, EN, Monochrome		7K page starter cartridge	460.00	0.00	0.00
60	2.4.4.26	Network Laser Printer	THW-120-0160	Lexmark	30G0200	Lexmark T652dn, 50PPM, Duplex printing, EN, Monochrome		10K Page starter cartridge	750.00	45,000.00	45,000.00
1	2.4.4.27	Network Color Laser Printer	THW-120-0300	Lexmark	25A0451	Lexmark C736dn COLOR laser, 35PPM, EN		6K page starter cartridge	895.00	895.00	895.00
1	2.4.4.28.1	USB Print Cable-8ft	THW-125-0100	Belkin	F3U133V06	Belkin USB 1.0 Printer Cable, 6' or equiv			6.00	6.00	6.00
0			THW-125-0110	Belkin	F3U133V16	Belkin USB 1.0 Printer Cable, 16' or equiv			8.00	0.00	0.00
0			THW-125-0120	Belkin	F5U700	Belkin Hi-Speed USB 2.7 Port Hub or equiv			23.00	0.00	0.00
0			THW-125-0130	TP-Link	TL-WP5510U	Wireless Print server TPLINK or equiv			65.00	0.00	0.00
75	2.4.4.29	Data projector 1	THW-130-0100	Viewsonic	PJD5123	<b>Data Projectors</b> Viewsonic PJD 5123 2700 Lumens DLP 800x600 - Includes case PJ-Case-001		3 year exchange warranty on projector; 1 year bulb warranty	399.00	29,925.00	29,925.00
0			THW-130-0110	Viewsonic	PJ-Case-001	PJD5123 Carrying Case - comes with Viewsonic PJD 5123 Projector above			23.00	0.00	0.00
0			THW-130-0120	Epson	V11H376020	Epson PowerLite S9, 2500 Lumens, 800x600 SVGA, Carrying Case		2 year warranty	435.00	0.00	0.00
25	2.4.4.30	Data projector 2	THW-130-0200	Viewsonic	PJD6241	Viewsonic PJD6241 3200 lumens, 1024x768 XGA True Res, 3200:1 DCR, 10w SPEAKERS, RJ45 Network control, 5.9 lbs. Net, 120Hz/3D ready support for m/da/3D Vision and TIDLP Link		3 Year exchange warranty on projector; 1 year bulb warranty	665.00	16,625.00	16,625.00
0			THW-130-0220	Epson	V11H387020	Epson PowerLite 905, 3000 Lumens, 1024x768 XGA, Case		2 year warranty	815.00	0.00	0.00
10	2.4.4.31	Data projector 3	THW-130-0300	Samsung	SP-F10	Samsung SP-F10 XGA 1000Lumen 2000:1 LED Lamp		2 year warranty	925.00	9,250.00	9,250.00
1	2.4.4.32	SVGA Y Splitter cable	THW-135-0100	Belkin	F3G006-01	Belkin Pro Display Splitter HD-15(f) - HD-15 (m)			13.00	13.00	13.00
0			THW-135-0110	CTG	CTG28004	Video Cable - 25' M to F			33.00	0.00	0.00



Qty	RFP Item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0			THW-135-0120	CTG	CTG28016	Video Extension Cable - 50' M to M		53.00	0.00	0.00
0			THW-135-0130	Peerless	PJUNV	Peerless Universal Projector Mount		139.00	0.00	0.00
0			THW-135-0140		ELFCP	False Ceiling Plate		114.00	0.00	0.00
0			THW-135-0150		PJUNV-ELFCP	Universal Projector Mount + False Ceiling Plate plus installation (Customer responsible for installation of electrical, EN and Video cabling to mount site)		432.00	0.00	0.00
0			THW-135-0160		AVCAR	Adjustable AV Cart w/ 4 outlets - UNASSEMBLED		240.00	0.00	0.00
0			THW-140-0050	SMART	SB640CT	<b>SMART Interactive Whiteboards</b> SB640 with Table Stand and Carrying Bag	5 Yr for Board	1,275.00	0.00	0.00
0		Interactive White Board	THW-140-0100	SMART	SB680	SMART Board 680 Interactive Whiteboard - 77 in.	5 Yr for Board	1,264.00	0.00	0.00
150	2.4.4.33		THW-140-0110	SMART	SBD680	SMART Board 680 DUAL TOUCH Interactive Whiteboard - 77 in.	5 Yr for Board	1,435.00	215,250.00	215,250.00
0			THW-140-0120	SMART	SB68004	SMART Board 680 Interactive Whiteboard - 77 in. w/ UF65 Projector	5 yr board, 3 yr projector	3,078.00	0.00	0.00
0			THW-140-0130	SMART	SBD68004	SMART Board 680 DUAL TOUCH Interactive Whiteboard - 77 in. w/ UF65 Projector	5 yr board, 3 yr projector	3,180.00	0.00	0.00
10	2.4.4.34	Interactive White Board #2	THW-140-0200	SMART	SBX880	SMART Board 880 Touch and Gesture - 77 in.	5 Yr for Board	1,925.00	19,250.00	19,250.00
0			THW-140-0210	SMART	SBX88004	SMART Board 880 Touch and Gesture - 77 in. w/ UF65 Projector	5 yr board, 3 yr projector	3,875.00	0.00	0.00
1	2.4.4.35	Interactive White Board #3	THW-140-0300	SMART	SB660	SMART Board 660 - 64" Diagonal	5 Yr for Board	1,120.00	1,120.00	1,120.00
0			THW-140-0310	SMART	SB66004	SMART Board 6604 - 64" Diagonal w/ UF65 Projector	5 yr board, 3 yr projector	2,895.00	0.00	0.00
0			THW-140-0320	SMART	UF65-SB600	Projector and Retrofit kit for 600 series		2,095.00	0.00	0.00
0			THW-140-0330	SMART	UF65-SB800	Projector and Retrofit kit for 800 series		2,096.00	0.00	0.00
<b>Whiteboard Alternatives</b>										
<b>Mimio Products</b>										
50	2.4.4.36	Interactive White Board Alternative	THW-140-0400	Mimio	1762261	MimioTeach with Embedded Wireless & Mimio Studio7	2-5yr	725.00	36,250.00	36,250.00
0			THW-140-0410	Mimio	1762267	MimioCapture add-on to Mimio Teach	2-5yr	299.00	0.00	0.00
0			THW-140-0420	Mimio	1747666	MimioPad Wireless Tablet add-on to Mimio Teach	2-5yr	265.00	0.00	0.00
0			THW-140-0430	Mimio	1771043	MimioView Document Camera UXGA (1600-1200) USB-Adjustable LED x2	2-5yr	545.00	0.00	0.00
0			THW-140-0440	Mimio	1762263	MimioVote - 24 handsets	2-5yr	1,575.00	0.00	0.00
0			THW-140-0450	Mimio	1762264	MimioVote - 32 handsets	2-5yr	1,775.00	0.00	0.00
<b>elinstruction IMOB</b>										
0			THW-140-0460	elinstruction	MOBVIEW123	MobVIEW (teacher) - hand-held wireless slate		449.00	0.00	0.00
0			THW-140-0470	elinstruction	CB-A-84-00476-01-R	Mobikwik(teacher) hand-held interactive whiteboard		349.00	0.00	0.00
0			THW-140-0480	elinstruction	CD-A-84-00489-01-R	Mobi Learner(student) hand-held interactive whiteboard		299.00	0.00	0.00
0			THW-140-0490	elinstruction	CB-A-84-00499-02-R	MOBI Student Centered Learning Pack includes 3 Mobi Learners (CB-A-MOB002-001) and 1 Docking Station (CB-A-MOB500-001)		899.00	0.00	0.00
0			THW-140-0500	elinstruction	CB-A-84-00499-01-R	Mobi System (multi slate) Bundle includes 1 Mobikwik (CB-A-MOB001-0001), 2 Mobi Learners (CB-A-MOB002-001), and 1 Docking station (CB-A-MOB500-001)		949.00	0.00	0.00
0			THW-140-0510	elinstruction	CB-A-84-00488-01-R	Interwrite Mobi Dock (charging station)		149.00	0.00	0.00
0			THW-140-0520	elinstruction	MC-A-BAG000-0005	Mobi Carrying Case		40.00	0.00	0.00
0			THW-140-0530	elinstruction	IW-A-11-00786-01-R	Mobi Replacement Pen		39.00	0.00	0.00
0			THW-140-0540	elinstruction	CB-A-629-039-000	Mobi Replacement Battery		35.00	0.00	0.00
0			THW-140-0550	elinstruction	RF-A-11-00784-01-R	Mobi RF Receiver		50.00	0.00	0.00
<b>Viewsonic Intelligent Projector</b>										
0			THW-140-0600	Viewsonic	7383i	Viewsonic 7383i Interactive Short Throw DLP Projector 3000 Lumens, 1024 x 768 XGA - includes 1 pen and case		925.00	0.00	0.00
0			THW-140-0700	Numonics	PN 783034W	<b>Numonics Whiteboard</b> i-Board 77" with Pen and Easiteach Software		1,199.00	0.00	0.00
0			THW-140-0710	Numonics	PN 782525	White Board Adjustable Mobile Stand - Purchased with Board		370.00	0.00	0.00
0			THW-140-0720	Numonics	PN 782525	White Board Adjustable Mobile Stand - Purchased separately		445.00	0.00	0.00
0			THW-140-0730	Numonics	783135	Numonics Mobile Presenter Tablet		349.00	0.00	0.00
0			THW-140-0740	Numonics	PN 783176	DS Pen		83.00	0.00	0.00
0			THW-140-0750	Numonics	PN 7829782	Take II Pen program - purchase with board		55.00	0.00	0.00



Qty	RFP Item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0			THW-140-0760	Numonics	PN 783126	RF Wireless Adapter & Power Supply			299.00	0.00	0.00
0			THW-140-0770	Numonics	PN 783080	USB Serial Adapter (for PC's only) - drop ship			64.00	0.00	0.00
0			THW-140-0780	Numonics	PN 783082	Replacement Stylus Tips - 5 pack			32.00	0.00	0.00
1	2.4.4.37	Additional Interactive Pens	THW-145-0100	SMART	PENS-RPEN-ER for 600 series	SMART - Replacement set of four pen tray pens (black, red, green and blue) and a rectangular eraser.			53.00	53.00	53.00
0			THW-145-0110	SMART	PENS-RPEN-ER-SBX8 for 800 series	SMART - Replacement set of two pen tray pens and a rectangular eraser.			63.00	0.00	0.00
0			THW-145-0120	SMART	SLATE-WS200	SMART Slate wireless slate WS200			390.00	0.00	0.00
0			THW-145-0130	SMART	WC6D	SMART Wireless Kit for single and dual touch			220.00	0.00	0.00
0			THW-145-0140	SMART	WC8	SMART Wireless Kit for x800 Series			189.00	0.00	0.00
0			THW-145-0150	SMART	FLOORSTAND FS670	SMART Board 600 and X800 series (64" to 87") interactive whiteboard floor stands. 4" (10.2 cm) lockable casters and flip-up, anti-tip feet. One-year limited equipment warranty.			450.00	0.00	0.00
0			THW-145-0160	SMART	FLOORSTAND FS640	SMART Board™ 640 interactive whiteboard floor stand. 4" (10 cm) lockable casters and anti-tip feet. One-year limited equipment warranty.			395.00	0.00	0.00
0			THW-145-0170	SMART	WALLMOUNT HAWM-UJUF	Height-adjustable Wall Mount for UXJUF projector systems			1,035.00	0.00	0.00
0			THW-145-0180	SMART	AUDIO SBA-L	Projection Audio System for the SMART Board 685ix and X800 series interactive whiteboards			340.00	0.00	0.00
0			THW-145-0190	SMART	SBA-NA	USB audio system for 600's and 800's			341.00	0.00	0.00
0			THW-145-0200	SMART	CATS-XT	Cat 5 to USB extender for SMART Board 600 series interactive whiteboards.			117.00	0.00	0.00
0			THW-145-0210	SMART	USB-XT	SMART Document Camera 330 16" (5 m) USB active extension cable			43.00	0.00	0.00
0			THW-145-0220	SMART	TS640	Table Stand for SB640			152.00	0.00	0.00
0			THW-145-0230	SMART	USB-GW	GoWire SMART Board software auto-launch cable			163.00	0.00	0.00
0			THW-145-0240	SMART	93-00507-00	Replacement Standard USB Cable A/B 16" (5 m)			36.00	0.00	0.00
0			THW-145-0250	SMART	20-01032-20	Replacement Lamp for UF55, UF55w and ST230i			276.00	0.00	0.00
0			THW-145-0260	SMART	20-01175-20	Replacement Lamp for UX60 Projector			277.00	0.00	0.00
0						<b>Personal Responders</b>					
0			THW-150-0100	instruction	RF-N-SYS010-0024	24-pad PSr (Radio Frequency) PULSE	3 year limit warranty		1,595.00	0.00	0.00
0			THW-150-0110	instruction	RF-N-SYS010-0032	32-pad PSr (Radio Frequency) PULSE	3 year limit warranty		1,995.00	0.00	0.00
0			THW-150-0120	instruction	RF-N-SYS010-0040	40-pad PSr (Radio Frequency) PULSE	3 year limit warranty		2,395.00	0.00	0.00
0			THW-150-0130	instruction	Pulse Rec	Additional CPS PULSE Receiver			250.00	0.00	0.00
0			THW-150-0140	instruction	Pulse Pad	Additional CPS PULSE Response Pads			78.00	0.00	0.00
0						<b>SMART Responders</b>					
0			THW-150-0200	SMART	Responder SRP-LE-12	SRP-LE-12 SMART Response LE System with Receiver and 12 Remotes			881.00	0.00	0.00
0			THW-150-0210	SMART	Responder SRP-LE-18	SRP-LE-18 SMART Response LE System with Receiver and 18 Remotes			1,133.00	0.00	0.00
45	2.4.4.38.1	24 Pack Personal Responders	THW-150-0220	SMART	Responder SRP-LE-24	SRP-LE-24 SMART Response LE System with Receiver and 24 Remotes			1,274.00	57,330.00	57,330.00
40	2.4.4.38.2	32 Pack Personal Responders	THW-150-0230	SMART	Responder SRP-LE-32	SRP-LE-32 SMART Response LE System with Receiver and 32 Remotes			1,634.00	65,360.00	65,360.00
0			THW-150-0240	SMART	Responder SRP-LE-RCV-1	SRP-LE-RCV-1 SMART Response LE Receiver			410.00	0.00	0.00
0			THW-150-0250	SMART	Remote SRP-LE-RMT-1	SRP-LE-RMT-1 SMART Response LE Remote			112.00	0.00	0.00
0			THW-150-0260	SMART	Remotes-5pack SRP-LE-RMT-5	SRP-LE-RMT-5 SMART Response LE Remotes - Set of Five			394.00	0.00	0.00
0			THW-150-0270	SMART	Responder SRP-PE-24	SRP-PE-24 SMART Response PE System with Receiver and 24 Remotes			1,275.00	0.00	0.00
0			THW-150-0280	SMART	Responder SRP-PE-32	SRP-PE-32 SMART Response PE System with Receiver and 32 Remotes			1,635.00	0.00	0.00
0			THW-150-0290	SMART	Responder SRP-PE-RCV-1	SRP-PE-RCV-1 SMART Response PE Receiver			411.00	0.00	0.00
0			THW-150-0300	SMART	Remote PE-RMT-1	SRP-PE-RMT-1 SMART Response PE Remote			110.00	0.00	0.00
0			THW-150-0310	SMART	Remotes-5pack SRP-PE-RMT-5	SRP-PE-RMT-5 SMART Response PE Remotes - Set of Five			393.00	0.00	0.00



Qty	RFP item	RFP Description	TFS item number	Manufacturer / Publisher	MFG Part num	Description	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0			THW-150-0320	SMART	SRP-XE-24	SRP-XE-24 SMART Response XE System with Receiver, 24 Remotes		1,995.00	0.00	0.00
0			THW-150-0330	SMART	SRP-XE-32	SRP-XE-32 SMART Response XE System with Receiver, 32 Remotes		2,350.00	0.00	0.00
0			THW-150-0340	SMART	SRP-XE-40	SRP-XE-40 SMART Response XE System with Receiver, 40 Remotes		4,495.00	0.00	0.00
0			THW-150-0350	SMART	SRP-XE-RCV-1	SRP-XE-RCV-1 SMART Response XE Receiver		590.00	0.00	0.00
0			THW-150-0360	SMART	SRP-XE-RMT-1	SRP-XE-RMT-1 SMART Response XE Remote		173.00	0.00	0.00
0			THW-150-0370	SMART	SRP-XE-RMT-5	SRP-XE-RMT-5 SMART Response XE Remotes - Set of Five		705.00	0.00	0.00
25	2.4.4.39	Portable Media Player	NO BID			Portable Media Player		0.00	0.00	0.00
25	2.4.4.40	Document Camera	THW-170-0100	ELMO	TT02X	Document Cameras - Digital Cameras		685.00	17,125.00	17,125.00
0		Digital camera	THW-170-0110	SMART	SDC-330	SMART Doc Cam 330, LED, 1024x768	5 yr Limited	745.00	0.00	0.00
1	2.4.4.41					NO BID		0.00	0.00	0.00
25	2.4.4.42	Surge Suppressor	THW-190-0100	APC	PER7	Surge Suppressor		11.00	275.00	275.00
2.4.4						Operating Systems				
2.4.4.43		Windows 2008 server - IBM assumes no CALS or Media				Windows 2008 server R2 Standard - Select Agreement				
50	2.4.4.43		TSW-010-0100	Microsoft	P73-04999	Windows Server Standard 2008 32-bit/x64 English Disk Kit		94.00	4,700.00	4,700.00
0	2.4.4.43		TSW-010-0200	Microsoft	P73-03830	Microsoft Windows Server 2008 Standard w/SP2 - Media		27.00	0.00	0.00
0	2.4.4.43		TSW-010-0210	Microsoft	P73-04650	Microsoft Windows Server 2008 R2 Enterprise - lic - SA		27.00	0.00	0.00
0	2.4.4.43		TSW-010-0300	Microsoft	P72-04236	Microsoft Windows Server 2008 R2 Enterprise - lic - SA		304.00	0.00	0.00
0	2.4.4.43		TSW-010-0310	Microsoft	P72-03638	Windows Server Enterprise 2008 32-bit/x64 English Disk Kit with Service Pack 2		27.00	0.00	0.00
0	2.4.4.43		TSW-010-0400	Microsoft	R18-02846	Windows Server Device Client Access License 2008		6.00	0.00	0.00
2.4.4.43						SQL - Required for Odyssey Installations				
0	2.4.4.43		TSW-010-0500	Microsoft	228-09489	SQL Server Standard Edition 2008 R2 All Lng Microsoft Volume License 1 License 1 Proc		1,550.00	0.00	0.00
0	2.4.4.43		TSW-010-0600	Microsoft	228-09440	SQL Server Standard Edition 2008 R2 All Lng Microsoft Volume License 1 License 1 License		195.00	0.00	0.00
0	2.4.4.43		TSW-010-0620	Microsoft	359-05396	SQL CAL 2008 R2 All Lng Microsoft Volume License 1 License User CAL		35.00	0.00	0.00
0	2.4.4.43		TSW-010-0630	Microsoft	359-05396	SQL CAL 2008 R2 All Lng Microsoft Volume License 1 License Device CAL		35.00	0.00	0.00
0	2.4.4.43		TSW-010-0640	Microsoft	228-08442	SQL Server Standard Edition 2008 English Disk Kit		27.00	0.00	0.00
0	2.4.4.43		TSW-010-0650	Microsoft	228-09166	Microsoft Volume License DVD 5 MLF		27.00	0.00	0.00
2.4.4.44		Apple OSX Server				Apple OSX				
2.4.4.44			TSW-020-0100		NO BID	NO BID		0.00	0.00	0.00
2.4.4.45						Microsoft ISA Server Standard Edition				
1	2.4.4.45.1	Microsoft ISA server standard Edition - IBM assumes no media	TSW-030-0100	Microsoft	4WD-00287	Microsoft Forefront Threat Management Gateway 2010 Standard Edition - License - 1 processor - EDU - Enterprise, Select Agreement, (Replaced the ISA Server)		279.00	279.00	279.00
0	2.4.4.45.1		TSW-030-0200	Microsoft	4WD-00004	Microsoft Forefront Threat Management Gateway 2010 Standard Edition - Media - volume - DVD - Win - English - 64-bit		27.00	0.00	0.00
0	2.4.4.45.1		TSW-030-0300	Microsoft	4VD-00263	Enterprise Edition - License - 1 processor - EDU - Enterprise, Select, Select Plus - Win - All Languages		1,199.00	0.00	0.00
0	2.4.4.45.1		TSW-030-0400	Microsoft	4VD-00004	Microsoft Forefront Threat Management Gateway 2010 Enterprise Edition - Media - volume - DVD - Win - English - 64-bit		27.00	0.00	0.00
2.4.4.47						Windows 7 Professional				



Qty	RFP Item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
1	2.4.4.47		TSW-040-0100	Microsoft	FOC-00129	Microsoft Windows 7 Professional - Complete package - 1 PC - DVD - 32/64-bit			295.00	295.00	295.00
1	2.4.4.48		TSW-040-0200	Microsoft	FOC-02424	Windows Professional 7 All Lng Upgrade Microsoft Volume License			56.00	56.00	56.00
1	2.4.4.48		TSW-040-0300	Microsoft	FOC-00109	Windows Professional 7 32-bit English Disk Kit Microsoft Volume License DVD 5 MLF			27.00	27.00	27.00
1	2.4.4.48		TSW-040-0350	Microsoft	FOC-00110	Windows Professional 7 64-bit English Disk Kit Microsoft Volume License DVD 5 MLF			27.00	27.00	27.00
25	2.4.4.05	Desktop Thin Client	TVR-010-0100	Lenovo	VXL TCI.430-F3R4	Thin Client Device Lenovo Desktop Thin Client Device	3 years		224.00	5,600.00	5,600.00
25	2.4.4.06	Mobile Thin Client Device	NO BID		NO BID	NO BID			0.00	0.00	0.00
0	2.4.4.46.1		TVR-020-0100	Vmware	VU4-PR-STR-A	<b>VM Ware</b> Academic VMware View 4 Premier Bundle: Starter Kit; Includes vSphere 4 for Desktop, View Manager 4.x with View Client for Local Mode, View Composer, ThinApp (Packager, Client, WS) and vCenter Server Foundation licensed for 10 desktop VMs. Sns Reqr'd - Sold Separately below.			960.00	0.00	0.00
0	2.4.4.46.1		TVR-020-0120	Vmware	VU4-PR-STR-P-SSS-A	Academic Production Support/Subscription for VMware View 4 Premier Bundle Starter Kit for 1 year			510.00	0.00	0.00
0	2.4.4.46.1		TVR-020-0140	Vmware	VU4-PR-100-A	Academic VMware View 4 Premier Bundle: 100 Pack; Includes vSphere 4 for Desktop, View Manager 4.x, View Composer, ThinApp (Packager, Client, WS) and vCenter Server Standard licensed for 100 desktop VMs. Sns Required & Sold Separately below			9,300.00	0.00	0.00
0	2.4.4.46.1		TVR-020-0160	Vmware	VU4-PR-100-P-SSS-A	Academic Production Support/Subscription for VMware View 4 Premier Bundle: 100 Pack for 1 year			5,010.00	0.00	0.00
0	2.4.4.46.1		TVR-020-0180	Vmware	VU4-PR-10-A	Academic VMware View 4 Premier Bundle: 10 Pack; Starter Kit or 100 pack min purchase required. Includes vSphere 4 for Desktop, vShield Endpoint, View Manager 4.x, View Composer, ThinApp, licensed for 10 desktop VMs. Sns Required & Sold Separately below.			961.00	0.00	0.00
0	2.4.4.46.1		TVR-020-0200	Vmware	VU4-PR-10-P-SSS-A	Academic Production Support/Subscription for VMware View 4 Premier Bundle - 10 Pack			509.00	0.00	0.00
25	2.4.4.46.1	IBM assumes customer bas required VMWARE server infrastructure required with above		Vmware	See Below	<b>VM Ware - see below 3 10 license add-ons</b> Academic VMware View 4 Premier ADD-ON: 10 Pack - SNS REQUIRED & SOLD SEPARATELY below			0.00	0.00	0.00
3	2.4.4.46.1		TVR-020-0220	Vmware	VU4-PR-A10-A	Academic Production Support/Subscription for VMware View 4 Premier Desktop Add-On - 10 desktop VMs for 1 year			575.00	1,725.00	1,725.00
3	2.4.4.46.1		TVR-020-0240	Vmware	VU4-PR-A10-P-SSS-A	Academic Production Support/Subscription for VMware View 4 Premier Desktop Add-On - 10 desktop VMs for 1 year			310.00	930.00	930.00
0	2.4.4.46.1		TVR-020-0260	Vmware	VU4-PR-A100-A	Academic VMware View 4 Premier Add-On: 100 pack; SNS REQUIRED AND SOLD SEPARATELY below			5,742.00	0.00	0.00
0	2.4.4.46.1		TVR-020-0280	Vmware	VU4-PR-A100-P-SSS-A	Academic Production Support/Subscription for VMware View 4 Premier Desktop Add-On - 100 desktop VMs for 1 year			3,094.00	0.00	0.00
0	2.4.4.46.1		TVR-020-0300	Vmware	VS4-ENT-A	Academic VMware vSphere 4 Enterprise for 1 processor (Max 6 cores per processor)			1,101.00	0.00	0.00
0	2.4.4.46.1		TVR-020-0320	Vmware	VS4-ENT-P-SSS-A	Academic Production Support/Subscription for VMware vSphere Enterprise for 1 processor for 1 year			594.00	0.00	0.00
0	2.4.4.46.1		TVR-020-0340	Vmware	VCS-FND-A	Academic VMware vCenter Server 4 Foundation for vSphere up to 3 hosts			573.00	0.00	0.00
0	2.4.4.46.1		TVR-020-0360	Vmware	VCS-FND-P-SSS-A	Academic Production Support/Subscription for vCenter Server Foundation for vSphere			533.00	0.00	0.00
0	2.4.4.46.1		TVR-020-0380	Vmware	VCS-STD-A	Academic VMware vCenter Server 4 Standard for vSphere (Includes Orchestrator and Linked Mode)			1,912.00	0.00	0.00
0	2.4.4.46.1		TVR-020-0400	Vmware	VCS-STD-P-SSS-A	Academic Production Support/Subscription for vCenter Server Standard			1,030.00	0.00	0.00
1	2.4.1		TSV			<i>The WVDE does not expect separate charges for the prime vendor/system integrator responsibilities not included in this Cost Sheet. However, if the bidder has a cost associated with these duties, they must be included in the Cost Sheet.</i>			0.00	0.00	0.00
2.4.1.3						<b>Workstation Installation</b>					



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
4000	2.4.1.23	Workstation Installation - IBM Assumes 10 locations of 100	see below for breakdown	IBM assumes these installs are not on the SAME PO so we are charging for the first 3 on each.		<b>NOTE: IBM will only charge the "first 3" price one time per site/per po. For example if a customer buys 10 desktops and 10 laptops, they will only be charged the "first 3" price on the desktops.</b>				0.00	0.00
30	2.4.1.23	Workstation install - IBM Assumes 10 locations of 100	TSV-010-0100	Service	INST-WS/1-3	Install Wkstn/monitor/options/first 4-up/location/PO			88.00	2,640.00	2,640.00
970	2.4.1.23	Workstation install - IBM Assumes 10 locations of 100	TSV-010-0110	Service	INST-WS/4-up	All-in-one install - IBM Assumes 1 location - assumes high end All-in-one with no image fee			44.00	42,680.00	42,680.00
40	2.4.1.23	All-in-one installation above	see below for breakdown			Install All-in-One first 3/location/PO - Low End All-in-One requires custom image fee to get WVDE image loaded			88.00	264.00	264.00
3	2.4.1.23	See assumption above	TSV-020-0100	Service	INST-ALL/1-3	Install All-in-One first 4-up/location/PO - Low End All-in-One requires custom image fee to get WVDE image loaded			44.00	308.00	308.00
7	2.4.1.23	See assumption above	TSV-020-0110	Service	INST-ALL/4-up	Thin Client install - IBM Assumes 1 location				0.00	0.00
45	2.4.1.23	Thin Client install above	see below for breakdown			Install Thin Client Device first 3/location/PO			88.00	264.00	264.00
3	2.4.1.23	See assumption above	TSV-030-0100	Service	INST-TC/1-3	Install Thin Client Device first 4-up/location/PO			43.00	516.00	516.00
12	2.4.1.23	See assumption above	TSV-030-0110	Service	INST-TC/4-up	Notebook install - IBM Assumes 15 locations				0.00	0.00
4500	2.4.1.23	Notebook install - IBM Assumes 15 locations	see below for breakdown			Install Notebook first 3/location/PO - Notebooks require custom image fee to obtain WVDE image			88.00	3,960.00	3,960.00
45	2.4.1.23	Notebook install - IBM Assumes 15 locations	TSV-040-0100	Service	INST-Laptop/1-3	Install Notebook first 4-12/location/PO - Notebooks require custom image fee to obtain WVDE image			50.00	6,750.00	6,750.00
135	2.4.1.23	Notebook install - IBM Assumes 15 locations	TSV-040-0110	Service	INST-Laptop/4-12	Power Notebook install same as notebook - IBM Assumes 1 location			38.00	50,160.00	50,160.00
1320	2.4.1.23	Power Notebook installation	see below for breakdown			Install Notebook first 3/location/PO				0.00	0.00
4	2.4.1.23	Power Notebook install same as notebook - IBM Assumes 1 location	TSV-040-0100	Service	INST-Laptop/1-3	Install Notebook first 4-12/location/PO			88.00	264.00	264.00
3	2.4.1.23	Power Notebook install same as notebook - IBM Assumes 1 location	DUPLICATE	Service	INST-Laptop/1-3	Local installation for Mini Notebook (customer install) - With WVDE image - NOTE - Local install for NETBOOK would require custom image charge or Hourly charge if they want WVDE image.			50.00	50.00	50.00
1	2.4.1.23	Power Notebook install same as notebook - IBM Assumes 1 location	DUPLICATE	Service	INST-Laptop/4-up	Install Media Tablet first 3/location/PO			0.00	0.00	0.00
400	2.4.1.24	Power Server installation	NO CHARGE			Power Server installation - see assumptions below - estimate 6 hours each server - TIME COULD BE REDUCED IF WE WERE LOADING IN BATCHES, BUT WE DID NOT MAKE THAT ASSUMPTION			0.00	0.00	0.00
0			TSV-050-0100	Service	INST-MT/1-3	Rack Mount Server installation see assumptions below - estimate 6 hours each server TIME COULD BE REDUCED IF WE WERE LOADING IN BATCHES, BUT WE DID NOT MAKE THAT ASSUMPTION			88.00	0.00	0.00
0			TSV-050-0110	Service	INST-MT/4-up	ASSUMPTIONS FOR THESE SERVER INSTALLATIONS Unbox and setup the server and typical accessories like display, UPS, extra memory, disks, or processors. (does not include tape drive) Install rack mounted servers in existing appropriate racks Install Microsoft Server 2008			44.00	0.00	0.00
20	2.4.1.25	Rack Mount Server installation - see assumptions below	see below for breakdown						0.00	0.00	0.00
60	2.4.1.25	Rack Mount Server installation - see assumptions below	see below for breakdown						0.00	0.00	0.00
0										0.00	0.00
0										0.00	0.00
0										0.00	0.00



Qty	RFP item	RFP Description	TFS item number	Manufacturer / Publisher	MFG Part num	Description	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0						Configure machine name, administrator users/passwords, and TCP/IP & DNS settings provided by customer, verify network connectivity			0.00	0.00
0						Update with latest Service Pack and/or Microsoft Updates			0.00	0.00
0						Install Antivirus client with updates and configured for automatic scans			0.00	0.00
0						Install Active Directory if customer desires (does not include modifications to existing Active Directory trees, too many variables to estimate hours)			0.00	0.00
0						Does not include joining workstations to domain			0.00	0.00
0						Does not include setting up printer queues			0.00	0.00
0						Does not include any application software			0.00	0.00
0						Does not include SQL Server, Forefront (ISA), VMware			0.00	0.00
420	70Servers x 6hrs	without Annual support	TSV-500-0120 DUPLICATE	see tech support	NWENG	A+ Equivalent Systems Engineer with Networking Experience 3 hour minimum		140.00	58,800.00	0.00
420	70Servers x 6hrs	with Annual Support	TSV-500-0130 DUPLICATE with Annual Support	see tech support	NWENG via Annual Support	A+ Equivalent Systems Engineer with Networking Experience 3 hour minimum Alternate Prorated price using Annual support averages		95.00	0.00	39,900.00
20	2.4.1.26	Electronics Installation for Wireless LAN Controller	assumption - 2 hours per switch		combined below	Electronics Installation for Wireless LAN Controller - IBM assumes 2 controllers at each of the 10 sites. 3 Hour minimum per site. Total of 40 hours at advanced rate			0.00	0.00
40	2.4.1.26	Electronics Installation for POE Switches	assumption 2 hours per switch		combined below	Electronics Installation for POE Switches - IBM assumes 2 Switches at each of 5 sites. 3 Hour minimum per site. Total of 20 hours at advanced rate			0.00	0.00
25	2.4.1.26	Electronics Installation for Switch	assumption 1 hour per switch		combined below	Electronics Installation for Switch - IBM assumes 3 switches at 7 sites and 4 switches at one site. 3 Hour minimum per site. Total of 25 hours at advanced rate			0.00	0.00
85		without Annual support	TSV-500-0140 DUPLICATE	ADV-TECH/hr	ADV-TECH/hr via annual support	Technical Support - Advanced Level (3 hr minimum per incident)		189.00	16,065.00	0.00
85		with Annual Support	TSV-500-0140 DUPLICATE		INST-PTR-DESK alone	Technical Support - Advanced Level (3 hr minimum per incident) Price prorated using Annual support averages		135.00	0.00	11,475.00
0		Desktop Laser Printer Installation - IBM ASSUMES purchased with workstation install	TSV-200-0100	Service	INST-PTR-DESK alone	Install Printer to desk (configured to one computer) NOT purchased with other computer installation service		56.00	0.00	0.00
36	2.4.1.27	Network Laser Printer Installation	TSV-200-0110	Service	INST-PTR-DESK addon	Install Printer on the desk (configured to one computer) purchased with computer installation		33.00	1,188.00	1,188.00
2	2.4.1.27	Network Color Laser Printer Installation	TSV-200-0200 DUPLICATE ITEM	Service	INST-PTR NW	Install Network Printer on the network (Color or Monochrome) See above		55.00	110.00	110.00
2	2.4.1.27							55.00	110.00	110.00
36	2.4.1.28	Interactive White Board Installation	TSV-250-0300	Service	SMART install	Whiteboard Installation Install SMART to wall or mobile stand (height adjustable wall mount also needs SMART UPG4)		165.00	5,940.00	5,940.00
0			TSV-250-0310	Service	SMART UPG1	SMART install upgrade w/ spki/surge/patch/wire mgmt		72.00	0.00	0.00
0			TSV-250-0320	Service	SMART UPG2	SMART install upgrade w/ spki/surge/patch/wire mgmt/AV CART included		310.00	0.00	0.00
36	2.4.1.29		TSV-250-0330	Service	SMART UPG3	SMART install upgrade/Unified Projector mounted with SMART board		145.00	5,220.00	5,220.00
0			TSV-250-0340	Service	SMART UPG4	SMART install upg/Height Adjustable Wall Mount		330.00	0.00	0.00
0			TSV-250-0350	Service	NUMONICS install	Numonics I-Board install to wall or mobile Stand		166.00	0.00	0.00
						IBM assumption for line below: We assume this is for installing a non-standard custom image on 40 workstations at the same location/PO using image developed and tested by the county. If the WVDE intended for this to be DEVELOPMENT of a custom image for a particular county, NWENG hours TSV-500-0130 should be purchased; or Annual Support hours per line below for the State Certification.				
40	2.4.1.31	Custom image for standard notebook - see assumption above	TSV-300-0100	Service	INST-Custimg	Install Custom image on-site/per WKS (Must be purchased with installation)		29.00	1,160.00	1,160.00
6	2.4.1.33	WVDE image	NO CHARGE	Service		IBM will provide WVDE with complete image library on an external hard drive at no additional charge		0.00	0.00	0.00



Qty	RFP item	RFP Description	TFS item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
6	2.4.1.34	IBM assumes customer has LOST their FREE copies	TSV-300-0200	Service	Workstation image Media	Image for Workstation, Standard Notebook, Power Notebook, Mini-Notebook, Netbook & Media Tablet. (Total of six images; one for each listed) image Library loaded or related to Customer USB HDD - 2TB recommended - IBM pays return shipping			50.00	300.00	300.00
0			TSV-300-0220	Service	Price per 2TB volume				300.00	0.00	0.00
50	2.4.1.35	Site survey				<b>Technical Services</b> Hourly Services Site Survey (3 hour minimum) see below - assuming 50 schools - mixed sizes - 3 hrs minimum applies per site. Total 150 hours				0.00	0.00
150	2.4.1.35	See assumption above	TSV-500-0140 DUPLICATE without Annual Support		ADV-TECH/hr	Technical Support - Advanced Level (3 hr minimum per incident)			189.00	28,350.00	0.00
150	2.4.1.35	See assumption above	TSV-500-0140 DUPLICATE with Annual Support		ADV-TECH/hr via annual support	Technical Support - Advanced Level (3 hr minimum per incident) Price prorated using Annual support averages			135.00	0.00	20,250.00
75	2.4.1.35	Wireless Survey				Wireless surveys (3 hour minimum) see conversion to hours below. IBM assumes 75 schools, mixed sizes/25/25/25. Average 4 hours each. Total 300 hours				0.00	0.00
300	2.4.1.35	See assumption above	TSV-500-0140 DUPLICATE without Annual Support		ADV-TECH/hr	Technical Support - Advanced Level (3 hr minimum per incident)			189.00	56,700.00	0.00
300	2.4.1.35	See assumption above	TSV-500-0140 DUPLICATE with Annual Support		ADV-TECH/hr via annual support	Technical Support - Advanced Level (3 hr minimum per incident) Price prorated using Annual support averages			135.00	0.00	40,500.00
0	2.4.1.41		TSV-500-0120		A+Len/hr	A+ or Equivalent Technician (3 hour minimum per incident)			85.00	0.00	0.00
100	2.4.1.41	Technical Support Hours - High End Option 1 without Annual Support			NWENG	A+ Equivalent Systems Engineer with Networking Experience (3 hour minimum per incident)			140.00	14,000.00	0.00
100	2.4.1.41	Technical Support Hours - High End Option 2 with Annual Support			NWENG	A+ Experience 3 hour minimum - Alternate Prorated price using Annual support averages			95.00	0.00	9,500.00
0			TSV-500-0140		ADV-TECH/hr	Technical Support - Advanced Level (3 hr minimum per incident)			189.00	0.00	0.00
0						<b>IBM Annual Support Options</b> Annual Support K-8 - Includes EPIC, Help Desk, up to 3300 hrs Expert Level, 4584 Hours NWENG, 750 Hours Basic Support, expenses included/MONTHLY CHARGE. Minimum purchase 12 months. Single Additional NW Engineer added to Annual Support - Annual Price Additional non-TF Se State Contract Administration - Annual Contract Setup Additional non-TF Se State Contract Administration - Funding reconciliation, PO prep, Database Upload, Invoice assistance WV Specific Help Desk - First 2000 Calls - Dispatch - Call logging - Warm Transfers. Price includes Web Hosting and Project Website Single Additional Login for Technician to provide remote support (does not include labor)			82,676.25	0.00	0.00
0	2.4.1.41		TSV-900-0100		Monthly Charge - Block of approximately 8.6K Mixed Hrs				106,960.00	0.00	0.00
0			TSV-900-0110		NWENG-1528hrs/yr				125.00	0.00	0.00
0			TSV-900-0120		Price per Hour				65.00	0.00	0.00
0			TSV-900-0130		Price per Hour				60,000.00	60,000.00	60,000.00
1	2.4.1.42	IBM Assumes <2000 calls	TSV-900-0500		Annual Cost				2,750.00	0.00	0.00
0			TSV-900-0510		Annual Cost						
0						<b>Evation Products (a.k.a. Schoolkit) - Project Based Curriculum</b> K-8 TechSteps West Virginia Version: Statewide, 12-Month Subscription License K-8 TechSteps West Virginia Version with Activity Library: Statewide, 12-Month Subscription License 9-12 TechSteps West Virginia Version: Statewide, 12-Month Subscription License Custom Performance Task for TechSteps: Statewide, Perpetual License GLOBAL21.ME: 12-Month Subscription License per Student for 20,000 students or more			586,731.00	586,731.00	586,731.00
1	2.4.2		TSW-010-0100	Edvation	K-8 Techsteps				673,500.00	0.00	0.00
0			TSW-010-0110		K-8 Techsteps-LIB				344,751.00	0.00	0.00
0			TSW-010-0120	Edvation	9-12 Techsteps				20,100.00	0.00	0.00
0			TSW-010-0130	Edvation	Custom-Performance				10.00	0.00	0.00
0			TSW-010-0140	Edvation	Global21.ME					0.00	0.00



Qty	RFP Item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0	TSW-010-0150			Edviation	PD21-25	pd21: 12-Month Subscription License for 25 Users			3,938.00	0.00	0.00
0	TSW-010-0155			Edviation	PD21-25-ADDON	pd21: Single User Add-on to 25 User License			158.00	0.00	0.00
0	TSW-010-0160			Edviation	PD21-100	pd21: 12-Month Subscription License for 100 Users			25,200.00	0.00	0.00
0	TSW-010-0165			Edviation	PD21-100-ADDON	pd21: Single User Add-on to 100 User License			126.00	0.00	0.00
0	TSW-010-0170			Edviation	PD21-500	pd21: 12-Month Subscription License for 500 Users			39,500.00	0.00	0.00
0	TSW-010-0175			Edviation	PD21-500-ADDON	pd21: Single User Add-on to 500 User License			79.00	0.00	0.00
				Compass		<b>Compass-Learning Products - Optional</b> Statewide purchase of Odyssey Ownership Unlimited User License Model (UUL) and support for K-12 Public Schools Year1 <ul style="list-style-type: none"> <li>K-8 content for all elementary sites</li> <li>4-8 content for all middle school sites</li> <li>9-12 content for all high school sites</li> <li>Helpline for all sites (1 year)</li> <li>Version Upgrades/Updates for all sites (1 year)</li> <li>Technical support for both Enterprise and Hosted sites (1 year)</li> </ul> Includes Home Use (district must provide access to server in Enterprise Model)			6,300,000.00	0.00	0.00
0	TSW-20-0100			Compass	CLK-12UNLMT	<b>Statewide purchase of Odyssey Ownership Unlimited User License Model (UUL) and support for K-8 Public Schools Year1</b> <ul style="list-style-type: none"> <li>K-8 content for all elementary sites</li> <li>4-8 content for all middle school sites</li> <li>Helpline for all sites (1 year)</li> <li>Version Upgrades/Updates for all sites (1 year)</li> <li>Technical support for both Enterprise and Hosted K-8 sites (1 year)</li> </ul> Includes Home Use (district must provide access to server in Enterprise Model)				0.00	0.00
0	TSW-20-0110			Compass	CLK-8UNLMT	<b>Statewide support for years 2-5 of contract K-12</b> <ul style="list-style-type: none"> <li>Helpline for all sites (1 year)</li> <li>Version Upgrades/Updates for all sites (1 year)</li> <li>Technical support for both Enterprise and Hosted sites (1 year)</li> </ul> Price Per year			5,235,000.00	0.00	0.00
0	TSW-20-0120			Compass	Price Per year	<b>Statewide support for years 2-5 of contract K-8</b> <ul style="list-style-type: none"> <li>Helpline for all K-8 sites (1 year)</li> <li>Version Upgrades/Updates for all sites (1 year)</li> <li>Technical support for both Enterprise and Hosted sites (1 year)</li> </ul> Price Per year			1,385,000.00	0.00	0.00
0	TSW-20-0130			Compass	Price Per year	<b>Update all existing Odyssey K-8 sites to Ownership Unlimited User License (UUL) Model</b> Currently purchased subject/grade levels (previously concurrent user model) <ul style="list-style-type: none"> <li>Version Upgrades/Updates for all sites (1 year)</li> <li>Technical support for both Enterprise and Hosted sites (1 year)</li> </ul> Includes Home Use (district must provide access to server in Enterprise Model)			1,180,000.00	0.00	0.00
0	TSW-20-0140			Compass	CLK-8UPC	<b>K-8 migration from Classic Comp 4.x versions to current Odyssey Unlimited User License (UUL) Model</b> • Installation (Enterprise) support, and professional development must be purchased separately. Odyssey Software Ordered by Course Odyssey Reading/Language Arts K Odyssey Reading/Language Arts 1 Odyssey Reading/Language Arts 2 Odyssey Reading/Language Arts 3 Odyssey Reading/Language Arts 4 Odyssey Reading/Language Arts 5 Odyssey Reading/Language Arts 6 Odyssey Reading/Language Arts 7 Odyssey Reading/Language Arts 8 Odyssey Math K Odyssey Math 1 Odyssey Math 2 Odyssey Math 3 Odyssey Math 4			895,000.00	0.00	0.00
0	TSW-20-0250			Compass	Per course/grade/per site				735.00	0.00	0.00
0	TSW-20-0300			Compass	Per course/grade per site				1,470.00	0.00	0.00
0	TSW-20-0305			Compass	Per course/grade per site				1,470.00	0.00	0.00
0	TSW-20-0310			Compass	Per course/grade per site				1,470.00	0.00	0.00
0	TSW-20-0315			Compass	Per course/grade per site				1,470.00	0.00	0.00
0	TSW-20-0320			Compass	Per course/grade per site				1,470.00	0.00	0.00
0	TSW-20-0325			Compass	Per course/grade per site				1,470.00	0.00	0.00
0	TSW-20-0330			Compass	Per course/grade per site				1,470.00	0.00	0.00
0	TSW-20-0335			Compass	Per course/grade per site				1,470.00	0.00	0.00
0	TSW-20-0340			Compass	Per course/grade per site				1,470.00	0.00	0.00
0	TSW-20-0345			Compass	Per course/grade per site				1,470.00	0.00	0.00
0	TSW-20-0350			Compass	Per course/grade per site				1,470.00	0.00	0.00
0	TSW-20-0355			Compass	Per course/grade per site				1,470.00	0.00	0.00
0	TSW-20-0360			Compass	Per course/grade per site				1,470.00	0.00	0.00
0	TSW-20-0365			Compass	Per course/grade per site				1,470.00	0.00	0.00



Qty	RFP Item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WTH Annual Support
0	TSW-20-0370			Compass	Per course/grade per site	Odyssey Math 5			1,470.00	0.00	0.00
0	TSW-20-0375			Compass	Per course/grade per site	Odyssey Math 6			1,470.00	0.00	0.00
0	TSW-20-0380			Compass	Per course/grade per site	Odyssey Math 7			1,470.00	0.00	0.00
0	TSW-20-0385			Compass	Per course/grade per site	Odyssey Math 8			1,470.00	0.00	0.00
0	TSW-20-0390			Compass	Per course/grade per site	Odyssey Honors Algebra			1,470.00	0.00	0.00
0	TSW-20-0395			Compass	Per course/grade per site	English I			1,470.00	0.00	0.00
0	TSW-20-0400			Compass	Per course/grade per site	English II			1,470.00	0.00	0.00
0	TSW-20-0405			Compass	Per course/grade per site	English III			1,470.00	0.00	0.00
0	TSW-20-0410			Compass	Per course/grade per site	English IV			1,470.00	0.00	0.00
0	TSW-20-0415			Compass	Per course/grade per site	Algebra I			1,470.00	0.00	0.00
0	TSW-20-0420			Compass	Per course/grade per site	Geometry			1,470.00	0.00	0.00
0	TSW-20-0425			Compass	Per course/grade per site	Algebra II (with Trig)			1,470.00	0.00	0.00
0	TSW-20-0430			Compass	Per course/grade per site	Pre-Calculus			1,470.00	0.00	0.00
0	TSW-20-0435			Compass	Per course/grade per site	U.S. History I			1,470.00	0.00	0.00
0	TSW-20-0440			Compass	Per course/grade per site	U.S. History II			1,470.00	0.00	0.00
0	TSW-20-0445			Compass	Per course/grade per site	U.S. Government			1,470.00	0.00	0.00
0	TSW-20-0450			Compass	Per course/grade per site	World History			1,470.00	0.00	0.00
0	TSW-20-0455			Compass	Per course/grade per site	World Geography			1,470.00	0.00	0.00
0	TSW-20-0460			Compass	Per course/grade per site	Physical Science			1,470.00	0.00	0.00
0	TSW-20-0465			Compass	Per course/grade per site	Biology			1,470.00	0.00	0.00
0	TSW-20-0470			Compass	Per course/grade per site	Chemistry			1,470.00	0.00	0.00
0	TSW-20-0475			Compass	Per course/grade per site	Physics			1,470.00	0.00	0.00
0	TSW-20-0480			Compass	Per course/grade per site	Earth/Space Science			1,470.00	0.00	0.00
0	TSW-20-0485			Compass	Per course/grade per site	Health			1,470.00	0.00	0.00
0	TSW-20-0490			Compass	Per course/grade per site	Econ/Personal Finance Literacy			1,470.00	0.00	0.00
0	TSW-20-0495			Compass	Per course/grade per site	Public Speaking			1,470.00	0.00	0.00
0	TSW-20-0500			Compass	Per course/grade per site	AP Calculus AB			1,470.00	0.00	0.00
0	TSW-20-0505			Compass	Per course/grade per site	AP American Government			1,470.00	0.00	0.00
0	TSW-20-0510			Compass	Per course/grade per site	AP Microeconomics			1,470.00	0.00	0.00
0	TSW-20-0515			Compass	Per course/grade per site	AP Macroeconomics			1,470.00	0.00	0.00
0	TSW-20-0520			Compass	Per course/grade per site	AP Biology			1,470.00	0.00	0.00
0	TSW-20-0525			Compass	Per course/grade per site	Odyssey Mathematics K			1,470.00	0.00	0.00
0	TSW-20-0530			Compass	Per course/grade per site	Odyssey Mathematics 1			1,470.00	0.00	0.00
0	TSW-20-0535			Compass	Per course/grade per site	Odyssey Mathematics 2			1,470.00	0.00	0.00
0	TSW-20-0540			Compass	Per course/grade per site	Odyssey Mathematics 3			1,470.00	0.00	0.00
0	TSW-20-0545			Compass	Per course/grade per site	Odyssey Mathematics 4			1,470.00	0.00	0.00
0	TSW-20-0550			Compass	Per course/grade per site	Odyssey Mathematics 5			1,470.00	0.00	0.00
0	TSW-20-0555			Compass	Per course/grade per site	Odyssey Mathematics 6			1,470.00	0.00	0.00
0	TSW-20-0600			Compass	Price per site	Odyssey Software Bundles Odyssey High School UUL Bundle—Per site (includes home access) English I, English II, English III, English IV, Algebra I, Geometry, Algebra II with Trigonometry, Pre-Calculus, Biology, Physical Science, Chemistry, Physics, Earth/Space Science, U.S. History I, U.S. History II, U.S. Government, World History, World Geography, Economics with Personal Finance, Odyssey Middle School Science UUL Bundle—Per Site (includes home access) Odyssey MS Earth Science, Odyssey MS Physical Science, Odyssey MS Life Science, Affiliated assessments, Odyssey Manager, test customization tools, Math Toolkit, Odyssey Community, Odyssey Message Center, and Odyssey Writer ELL—Elementary UUL—Per site (includes Home access) Odyssey ELL Elementary, Odyssey Manager, test customization tools, Math Toolkit, Odyssey Community, Odyssey Message Center, and Odyssey Writer ELL—Secondary UUL—Per site (includes home access) Odyssey ELL Secondary, Odyssey Manager, test customization tools, Math Toolkit, Odyssey Community, Odyssey Message Center, and Odyssey Writer		27,050.00	0.00	0.00	
0	TSW-20-0610			Compass	Price per site				5,290.00	0.00	0.00
0	TSW-20-0630			Compass	Price per site				3,525.00	0.00	0.00
0	TSW-20-0640			Compass	Price per site				3,526.00	0.00	0.00



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0			TSW-20-0650	Compass	Price per site/ per course	College Readiness UUL - (includes home access) Purchase with prerequisites Any individual K-8 Reading/Language Arts or Math course (i.e., math 3 or reading/language arts 7)			350.00	0.00	0.00
0			TSW-20-0700	Compass	Annual Subscription	Compass Learning Subscriptions			88.00	0.00	0.00
0			TSW-20-0710	Compass	Annual Subscription	Multi-user—Per concurrent user			458.00	0.00	0.00
0			TSW-20-0720	Compass	Annual Site Subscription	Renziuli UUL—Annual site subscription (includes Home Access)			2,825.00	0.00	0.00
0			TSW-20-0730	Compass	Annual Subscription - per single user	Middlebury Foreign Language			175.00	0.00	0.00
0			TSW-20-0740	Compass	Annual Site Subscription	NWEA Test Translator Access to Auto Import feature and alignment. Requires Odyssey curriculum purchase.			585.00	0.00	0.00
0			TSV-20-0500	Compass	Annual Price/school	Compass Learning Support			2,115.00	0.00	0.00
0			TSV-20-0510	Compass	Price per server	Annual Enterprise or Hosted Support			2,350.00	0.00	0.00
0			TSV-20-0520	Compass	Price per caching server	Odyssey Enterprise Server Software Setup - Odyssey software load only			2,351.00	0.00	0.00
0			TSV-20-0530	Compass	Implementation	NWEA Integration—Test Translator Import Service			865.00	0.00	0.00
5000	2.4.2.43		TSW-040-0100	Microsoft	79P-03575	Microsoft Office Professional 2010 Select Agreement			57.00	285,000.00	285,000.00
100	2.4.2.44		TSW-040-0200	Microsoft	79P-03324	Microsoft Office 2010 Media			27.00	2,700.00	2,700.00
0	2.4.2.46		TSW-040-0300	Symantec	1388221	Symantec Ghost Solution Suite 2.5 Win Device STD Lic Acad BAND A (must purchase 5 licenses)			19.50	0.00	0.00
0	2.4.2.47		TSW-040-0400	Absolute	55Y9982 1 yr lic	Track and secure Notebooks and Notebooks			27.00	0.00	0.00
0			TSW-040-0410	Absolute	55Y9983 2 yr lic	CompuTrace for mini notebook and notebooks 1 yr			43.00	0.00	0.00
0			TSW-040-0420	Absolute	55Y9984 3 yr lic	CompuTrace for mini notebook and notebooks 2 yr			55.00	0.00	0.00
0			TSW-040-0430	Absolute	55Y9945 3 yr lic	CompuTrace Complete for standard/power notebooks 3 yr			72.50	0.00	0.00
0			TSW-040-0440	Absolute	55Y9946 3 yr lic	CompuTrace Complete for standard/power notebooks 4 yr			88.50	0.00	0.00
						Classroom Management Software			0.00		
500	2.4.2.48	Classroom Management Software - see below		Lenovo		LanSchool - IBM assumes 500 students using 4 labs of 30 stations each - 1 yr subscription			0.00	0.00	0.00
4		4 labs of 30 stations - 1 yr lic	TSW-040-0500	Lenovo	LanSch 1 rm 1 yr	LanSchool Single Classroom Subscription - 1 Year			225.00	900.00	900.00
0			TSW-040-0510	Lenovo	LanSch 1-4 rm 3 yr	LanSchool 1-4 Classroom Subscription - 3 Year			680.00	0.00	0.00
0			TSW-040-0520	Lenovo	LanSch 5-9 rm 3 yr	LanSchool 5-9 Classroom Subscription - 3 Year			565.00	0.00	0.00
0			TSW-040-0530	Lenovo	LanSch 10-25 rm 3 yr	LanSchool 10-25 Classroom Subscription - 3 Year			450.00	0.00	0.00
0			TSW-040-0520	SMART	ss-010-s10	SMART Sync 2-10 student lic			515.00	0.00	0.00
0			TSW-040-0530	SMART	ss-010-s40	SMART Sync 11-40 student lic			1,132.00	0.00	0.00
0			TSW-040-0540	SMART	ss-010-s89	SMART Sync 41-99 student lic			1,960.00	0.00	0.00
						IBM Professional Development - General and SchoolKit K-8. Does not apply to Compass PD or SchoolKit 9-12					
50	2.4.3.1	Train-the-teacher Session DAYS - IBM assumes K-8 Schoolkit training	TPD-010-0100		IBM Full Day	IBM Train-the-teacher Session - Full day			1,050.00	52,500.00	52,500.00
0			TPD-010-0200		IBM Full Day *2 Hr	IBM Train-the-teacher Session - Extended Full day			1,260.00	0.00	0.00
						Curriculum Services					
0			TPD-010-0300	Edvation	CUSTOM-INSTRUCTION	Custom instruction / Assessment Design & Production: off-site, per Day			861.00	0.00	0.00
0			TPD-010-0320	Edvation	CUSTOM-PROGRAMMI	Custom Programming / Configuration: off-site, per Day Professional Services / Project Management: off-site, per Day			1,179.00	0.00	0.00
0			TPD-010-0330	Edvation	PROF SVC-PROJECT	Product Training: on-site, per Day			1,179.00	0.00	0.00
0			TPD-010-0340	Edvation	PRODUCT TRAINING	Product Training: on-site, per Day			1,292.00	0.00	0.00
0			TPD-010-0350	Edvation	PROF SVC-DAY	Professional Services: on-site, per Day			1,994.00	0.00	0.00
						Compass Learning Odyssey Professional Development Services					



Attachment C: Cost Sheet

RFP Number: EVD353450

Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0						PD Statewide-9 onsite and 7 virtual days All sites receive: <ul style="list-style-type: none"> <li>District Foundation</li> <li>District Foundation Add-on</li> <li>Site Reporting</li> <li>Site Video/ Webinar License</li> <li>Instructional Coaching</li> <li>Level 2 Curriculum Alignment to Local Pacing Guide</li> <li>New K-8 Site ITA Package-11 onsite + 7 virtual days Full description provided in Electronic Pricelist</li> <li>Existing K-8 Site ITA Package-8 onsite days Full description provided in Electronic Pricelist</li> <li>Odyssey High School ITA Package-14 onsite and 7 virtual days Full description provided in Electronic Pricelist</li> <li>Compass-Learning Alignment to Local Pacing Guide (Level 2)</li> <li>Annual Site Video/Webinar License</li> <li>Instructional Coaching - 1 day Full description provided in Electronic Pricelist</li> <li>Project Management - 5 days</li> <li>Prereq- ITA District Foundation or additional services Full description provided in Electronic Pricelist</li> <li>Lesson Study - 3 days Full description provided in Electronic Pricelist</li> <li>Classroom Modeling - 2 days Full description provided in Electronic Pricelist</li> <li>Odyssey Writer - Part 1 - 1 day Full description provided in Electronic Pricelist</li> <li>Odyssey Writer - Part 2 - 1 day Full description provided in Electronic Pricelist</li> <li>Odyssey Writer - Part 3 - 1 day Full description provided in Electronic Pricelist</li> <li>Literacy Camp - 2 days Full description provided in Electronic Pricelist</li> <li>Math Camp - 2 days Full description provided in Electronic Pricelist</li> <li>Odyssey at Home Integration - 1 day Full description provided in Electronic Pricelist</li> <li>Parent/Family Involvement - 1 day Full description provided in Electronic Pricelist</li> <li>Classroom Integration Strategies - 1 day Full description provided in Electronic Pricelist</li> <li>Test Taking Strategies - 1 day Full description provided in Electronic Pricelist</li> <li>Odyssey Basic Overview - 1 day Full description provided in Electronic Pricelist</li> </ul>					
0			TPD-020-0100	Compass	CL-PD-Statewide Price per year				7,500,000.00	0.00	0.00
0			TPD-020-0120	Compass	CL-PD/K-8				9,330.00	0.00	0.00
0			TPD-020-0140	Compass	CL-PD/K-8EX				10,765.00	0.00	0.00
0			TPD-020-0150	Compass	CL-PD/HISTA				12,850.00	0.00	0.00
0			TPD-020-0160	Compass	CL-ALIGN				1,765.00	0.00	0.00
0			TPD-020-0170	Compass	CL-WEBINAR				475.00	0.00	0.00
0			TPD-020-0200	Compass	CL-IC Up to 25 attendees				1,180.00	0.00	0.00
0			TPD-020-0210	Compass	CL-PM				5,900.00	0.00	0.00
0			TPD-020-0220	Compass	CL-LS				3,540.00	0.00	0.00
0			TPD-020-0230	Compass	CL-CM				2,360.00	0.00	0.00
0			TPD-020-0240	Compass	CL-OW1				1,180.00	0.00	0.00
0			TPD-020-0250	Compass	CL-OW2				1,180.00	0.00	0.00
0			TPD-020-0260	Compass	CL-OW3				1,180.00	0.00	0.00
0			TPD-020-0270	Compass	CL-Lcamp				2,360.00	0.00	0.00
0			TPD-020-0280	Compass	CL-Mcamp				2,360.00	0.00	0.00
0			TPD-020-0290	Compass	CL-Oh/HI				1,180.00	0.00	0.00
0			TPD-020-0300	Compass	CL-PIFI				1,180.00	0.00	0.00
0			TPD-020-0310	Compass	CL-CIS				1,180.00	0.00	0.00
0			TPD-020-0320	Compass	CL-TTS				1,180.00	0.00	0.00
0			TPD-020-0330	Compass	CL-BeeOver				1,180.00	0.00	0.00
0						<b>Deployment Consulting for Large Initiatives</b>					
0			TSV-700-0100		EDC-Per Hour	Educational Collaborators - K12 Phone Consulting or Prep for Onsite			210.00	0.00	0.00
10	2.4.3.13	Process for deploying Media tablets DAYS	TSV-700-0120		EDC-Daily ONSITE	Educational Collaborators - 1:1 Deployment Seminars			2,250.00	22,500.00	22,500.00
40	2.4.3.5	see below				Coaching & Mentoring Training - IBM assumes general training or K-8 SchooIcIt Mentoring			0.00	0.00	0.00
10	2.4.3.1	Coaching and Mentoring	TPD-010-0100 Duplicate		IBM Full Day	IBM Train-the-teacher Session - Full day Network Administrator Training - IBM assumes 1:1 NW Eng with school and 10 schools x 6 hours each			1,050.00	10,500.00	10,500.00
40	2.4.3.7	Network Administrator Training	TPD						0.00	0.00	0.00
60	2.4.1.41		TSV-500-0130 DUPLICATE		NWENG	A+ Equivalent Systems Engineer with Networking Experience (3 hour minimum per incident)			140.00	8,400.00	8,400.00
0	2.4.4.50.1		TNW-020-0100	CISCO	WS-C3750X-24T-L	<b>Cisco Electronics</b> Catalyst 3750X 24 Port Data LAN Base		Lifetime except 5 yr fan/power supply	3,594.00	0.00	0.00
25	2.4.4.50.2	Cisco 48 port 10/100/1000 non POE Switch	TNW-020-0110	CISCO	WS-C3750X-48T-L	Catalyst 3750X 48 Port Data LAN Base		Lifetime except 5 yr fan/power supply	6,110.00	152,750.00	152,750.00



Qty	RFP item	RFP Description	TFS item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0	2.4.4.50.3		TNW-020-0120	CISCO	WS-C3750X-24P-L	Catalyst 3750X 24 Port PoE LAN Base	Lifetime except 5 yr fan/power supply		4,195.00	0.00	0.00
10	2.4.4.50.4	Cisco 48 port 10/100/1000 POE Switches	TNW-020-0130	CISCO	WS-C3750X-48P-L	Catalyst 3750X 48 Port PoE LAN Base	Lifetime except 5 yr fan/power supply		7,127.00	71,270.00	71,270.00
0			TNW-020-0140	CISCO	WS-C3750X-48P-F-L	Catalyst 3750X 48 Port Full PoE LAN Base	Lifetime except 5 yr fan/power supply		7,813.00	0.00	0.00
0			TNW-020-0150	CISCO	WS-C3750X-24T-S	Catalyst 3750X 24 Port Data IP Base	Lifetime except 5 yr fan/power supply		4,455.00	0.00	0.00
0			TNW-020-0160	CISCO	WS-C3750X-48T-S	Catalyst 3750X 48 Port Data IP Base	Lifetime except 5 yr fan/power supply		7,872.00	0.00	0.00
0			TNW-020-0170	CISCO	WS-C3750X-24P-S	Catalyst 3750X 24 Port PoE IP Base	Lifetime except 5 yr fan/power supply		5,003.00	0.00	0.00
0			TNW-020-0180	CISCO	WS-C3750X-48P-S	Catalyst 3750X 48 Port PoE IP Base	Lifetime except 5 yr fan/power supply		8,910.00	0.00	0.00
0			TNW-020-0190	CISCO	WS-C3750X-48PF-S	Catalyst 3750X 48 Port Full PoE IP Base	Lifetime except 5 yr fan/power supply		9,595.00	0.00	0.00
0			TNW-020-0200	CISCO	C3KX-NM-1G=	Catalyst 3K-X 1G Network Module Spare	Lifetime except 5 yr fan/power supply		342.00	0.00	0.00
0			TNW-020-0210	CISCO	C3KX-NM-10G=	Catalyst 3K-X 10G Network Module Spare	Lifetime except 5 yr fan/power supply		1,713.00	0.00	0.00
0			TNW-020-0230	CISCO	C3KX-PWR-715WAC=	Catalyst 3K-X 715W AC Power Supply	Lifetime except 5 yr fan/power supply		685.00	0.00	0.00
0			TNW-020-0240	CISCO	C3KX-PWR-1100WAC=	Catalyst 3K-X 1100W AC Power Supply	Lifetime except 5 yr fan/power supply		1,028.00	0.00	0.00
0			TNW-020-0260	CISCO	CAB-SPWR-150CM=	Catalyst 3750-X StackPower cable 150 cm spare	Lifetime except 5 yr fan/power supply		134.00	0.00	0.00
0			TNW-020-0340	CISCO	WS-C3750-24PS-S	Layer 3 Switches-10/100 Workgroup Switches Catalyst 3750 24 10/100 PoE + 2 SFP Standard Image	Lifetime except 5 yr fan/power supply	SFP Modules not included	2,148.00	0.00	0.00
0			TNW-020-0360	CISCO	WS-C3750-24TS-S	Catalyst 3750 24 10/100 + 2 SFP Standard Multilayer Image	Lifetime except 5 yr fan/power supply	SFP Modules not included	1,798.00	0.00	0.00
0			TNW-020-0380	CISCO	WS-C3750-48PS-S	Catalyst 3750 48 10/100 PoE + 4 SFP Standard Image	Lifetime except 5 yr fan/power supply	SFP Modules not included	3,766.00	0.00	0.00
0			TNW-020-0400	CISCO	WS-C3750-48TS-S	Catalyst 3750 48 10/100 + 4 SFP Standard Multilayer Image	Lifetime except 5 yr fan/power supply	SFP Modules not included	3,110.00	0.00	0.00
0			TNW-020-0420	CISCO	CD-3750-EMI=	Catalyst 3750 24 100BaseFX + 2 SFP Standard Multilayer Image Layer 3 Switches- Catalyst 3750 IOS Upgrades Enhanced Multilayer image upgrade for 3750 FE models	Lifetime except 5 yr fan/power supply		4,901.00	0.00	0.00
0			TNW-020-0480	CISCO	CD-3750G-EMI=	Enhanced Multilayer image upgrade for 24-port 3750 GE models	Lifetime except 5 yr fan/power supply		896.00	0.00	0.00
0			TNW-020-0490	CISCO	CD-3750G-48EMI=	Enhanced Multilayer image upgrade for 48-port 3750 GE models	Lifetime except 5 yr fan/power supply		1,747.00	0.00	0.00
0			TNW-020-0500	CISCO	WS-C3750E-24TD-S	Layer 3 Switches 3750 10/100/1000 GE, 10G Workgroup Switch - Stacking cables not included Catalyst 3750E 24 10/100/1000+2*10GE(X2),265W,iPB s/w	Lifetime except 5 yr fan/power supply	SFP Modules not included	4,203.00	0.00	0.00
0			TNW-020-0600	CISCO	WS-C3750E-24TD-SD	Catalyst 3750E 24 10/100/1000+2*10GE(X2),265W DC,iPB s/w	Lifetime except 5 yr fan/power supply	SFP Modules not included	4,317.00	0.00	0.00
0			TNW-020-0610	CISCO	WS-C3750E-48TD-S	Catalyst 3750E 48 10/100/1000+2*10GE(X2),265W s/w	Lifetime except 5 yr fan/power supply	SFP Modules not included	8,357.00	0.00	0.00
0			TNW-020-0630	CISCO	WS-C3750E-48TD-SD	Catalyst 3750E 48 10/100/1000+2*10GE(X2),265W DC,iPB s/w	Lifetime except 5 yr fan/power supply	SFP Modules not included	8,584.00	0.00	0.00
0			TNW-020-0640	CISCO	WS-C3750E-24PD-S	Catalyst 3750E 24 10/100/1000 PoE+2*10GE(X2),750W,iPB s/w	Lifetime except 5 yr fan/power supply	SFP Modules not included	4,553.00	0.00	0.00
0			TNW-020-0660	CISCO	WS-C3750E-48PD-S	Catalyst 3750E 48 10/100/1000 PoE+2*10GE(X2),1750W,iPB s/w	Lifetime except 5 yr fan/power supply	SFP Modules not included	9,013.00	0.00	0.00



Qty	RFP Item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0			TNW-020-0700	CISCO	WS-C3750E-48PD-SF	Catalyst 3750E 48 10/100/1000 PoE+2*10GE(X2),1150W,IPB s/w	Lifetime except 5 yr fan/power supply	SFP Modules not included	9,669.00	0.00	0.00
						<b>Layer 3 Switches Catalyst 3750 E Series Activation Keys</b>					
0			TNW-020-0770	CISCO	3750E-48-IPSLCB-QTY	IP Services for 3750 E 48 ports, upgrade from IP Base	Lifetime except 5 yr fan/power supply		3,496.00	0.00	0.00
0			TNW-020-0780	CISCO	3750E-IPSLCB-QTY	IP Services for 3750 E 24 ports, upgrade from IP Base	Lifetime except 5 yr fan/power supply		1,747.00	0.00	0.00
						<b>Layer 3 Switches Power Supplies for Catalyst 3750 E Series</b>					
0			TNW-020-0820	CISCO	C5K-PWR-1150WAC=	Catalyst 3750E-E3560-E/RPS 2300 1150WAC power supply spare	Lifetime except 5 yr fan/power supply		653.00	0.00	0.00
						<b>Layer 3 Switches Catalyst 3560 X Series Switches</b>					
0			TNW-020-0840	CISCO	WS-C3560X-24T-L	Catalyst 3560X 24 Port Data LAN Base	Lifetime except 5 yr fan/power supply		2,330.00	0.00	0.00
0			TNW-020-0850	CISCO	WS-C3560X-48T-L	Catalyst 3560X 48 Port Data LAN Base	Lifetime except 5 yr fan/power supply		4,180.00	0.00	0.00
0			TNW-020-0860	CISCO	WS-C3560X-24P-L	Catalyst 3560X 24 Port PoE LAN Base	Lifetime except 5 yr fan/power supply		2,878.00	0.00	0.00
0			TNW-020-0870	CISCO	WS-C3560X-48P-L	Catalyst 3560X 48 Port PoE LAN Base	Lifetime except 5 yr fan/power supply		5,208.00	0.00	0.00
0			TNW-020-0880	CISCO	WS-C3560X-48PF-L	Catalyst 3560X 48 Port Full PoE LAN Base	Lifetime except 5 yr fan/power supply		5,894.00	0.00	0.00
0			TNW-020-0890	CISCO	WS-C3560X-24T-S	Catalyst 3560X 24 Port Data IP Base	Lifetime except 5 yr fan/power supply		2,947.00	0.00	0.00
0			TNW-020-0900	CISCO	WS-C3560X-48T-S	Catalyst 3560X 48 Port Data IP Base	Lifetime except 5 yr fan/power supply		5,140.00	0.00	0.00
0			TNW-020-0910	CISCO	WS-C3560X-24P-S	Catalyst 3560X 24 Port PoE IP Base	Lifetime except 5 yr fan/power supply		3,495.00	0.00	0.00
0			TNW-020-0920	CISCO	WS-C3560X-48P-S	Catalyst 3560X 48 Port PoE IP Base	Lifetime except 5 yr fan/power supply		6,168.00	0.00	0.00
0			TNW-020-0930	CISCO	WS-C3560X-48PF-S	Catalyst 3560X 48 Port Full PoE IP Base	Lifetime except 5 yr fan/power supply		6,853.00	0.00	0.00
						<b>Layer 3 Switches Catalyst 10/100 Switches - Stacking cables not included</b>					
0			TNW-020-0950	CISCO	WS-C3560G-48PS-S	Catalyst 3560 48 10/100/1000T PoE + 4 SFP Standard Image	Lifetime except 5 yr fan/power supply	SFP Modules not included	6,507.00	0.00	0.00
0			TNW-020-0970	CISCO	WS-C3560G-24PS-S	Catalyst 3560 24 10/100/1000T PoE + 4 SFP Standard Image	Lifetime except 5 yr fan/power supply	SFP Modules not included	3,834.00	0.00	0.00
0			TNW-020-0990	CISCO	WS-C3560G-48TS-S	Catalyst 3560 48 10/100/1000T + 4 SFP Standard Image	Lifetime except 5 yr fan/power supply	SFP Modules not included	5,479.00	0.00	0.00
0			TNW-020-1010	CISCO	WS-C3560G-24TS-S	Catalyst 3560 24 10/100/1000T + 4 SFP Standard Image	Lifetime except 5 yr fan/power supply	SFP Modules not included	2,148.00	0.00	0.00
						<b>Layer 3 Switches - Catalyst 3560 Series 10/100 Workgroup Switches - Stacking cables not included</b>					
0			TNW-020-1040	CISCO	WS-C3560-8PC-S	Catalyst 3560 8 10/100 PoE + 1 T/SFP Standard Image	Lifetime except 5 yr fan/power supply	SFP Modules not included	662.00	0.00	0.00
0			TNW-020-1050	CISCO	WS-C3560-48PS-S	Catalyst 3560 48 10/100 PoE + 4 SFP Standard Image	Lifetime except 5 yr fan/power supply	SFP Modules not included	2,891.00	0.00	0.00
0			TNW-020-1070	CISCO	WS-C3560-24PS-S	Catalyst 3560 24 10/100 PoE + 2 SFP Standard Image	Lifetime except 5 yr fan/power supply	SFP Modules not included	1,711.00	0.00	0.00
0			TNW-020-1090	CISCO	WS-C3560-48TS-S	Catalyst 3560 48 10/100 + 4 SFP Standard Image	Lifetime except 5 yr fan/power supply	SFP Modules not included	2,235.00	0.00	0.00
0			TNW-020-1110	CISCO	WS-C3560-24TS-S	Catalyst 3560 24 10/100 + 2 SFP Standard Image	Lifetime except 5 yr fan/power supply	SFP Modules not included	1,361.00	0.00	0.00
0			TNW-020-1130	CISCO	WS-C3560-12PC-S	Catalyst 3560 Compact 12 10/100 PoE + 1 T/SFP, IP Base Image	Lifetime except 5 yr fan/power supply		947.00	0.00	0.00



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0						Layer 3 Switches - Catalyst 3560-E Series 10/100/1000 GE, 10G Workgroup Switch - Stacking cables not included					
0	TNW-020-1150			CISCO	WS-C3560E-24TD-S	Catalyst 3560E 24 10/100/1000+2*10GE(X2), 265W, IPB s/w	Lifetime except 5 yr fan/power supply	SFP Modules not included	2,673.00	0.00	0.00
0	TNW-020-1170			CISCO	WS-C3560E-48TD-S	Catalyst 3560E 48 10/100/1000+2*10GE(X2), 265W, IPB s/w	Lifetime except 5 yr fan/power supply	SFP Modules not included	5,296.00	0.00	0.00
0	TNW-020-1190			CISCO	WS-C3560E-24PD-S	Catalyst 3560E 24 10/100/1000 PoE+2*10GE(X2), 750W, IPB s/w	Lifetime except 5 yr fan/power supply	SFP Modules not included	3,023.00	0.00	0.00
0	TNW-020-1210			CISCO	WS-C3560E-48PD-S	Catalyst 3560E 48 10/100/1000 PoE+2*10GE(X2), 750W, IPB s/w	Lifetime except 5 yr fan/power supply	SFP Modules not included	5,952.00	0.00	0.00
0	TNW-020-1230			CISCO	WS-C3560E-48PD-SF	Catalyst 3560E 48 10/100/1000 PoE+2*10GE(X2), 1150W, IPB s/w	Lifetime except 5 yr fan/power supply	SFP Modules not included	6,608.00	0.00	0.00
0	TNW-020-1250			CISCO	WS-C3560E-12D-S	Catalyst 3560E 12 Ten GE (X2) ports, IPB software	Lifetime except 5 yr fan/power supply	SFP Modules not included	9,035.00	0.00	0.00
0	TNW-020-1270			CISCO	WS-C3560E-12SD-S	Catalyst 3560E 12 SFP+2*10GE(X2), IPB s/w	Lifetime except 5 yr fan/power supply	SFP Modules not included	7,236.00	0.00	0.00
0						Layer 3 Switches - Catalyst 3560-E Series Product Activation Keys (3560E-PAK=)					
0	TNW-020-1300			CISCO	3560E-AISK1LCSQTY	Advanced IP Services for 3560 E, upgrade from IP Base supply	Lifetime except 5 yr fan/power supply		3,058.00	0.00	0.00
0	TNW-020-1310			CISCO	3560E-AISK3LCSQTY	Advanced IP Services for 3560 E, upgrade from IP Services	Lifetime except 5 yr fan/power supply		1,309.00	0.00	0.00
0	TNW-020-1320			CISCO	3560E-IPSLCB-QTY	IP Services for 3560 E, upgrade from the IP Base Feature Set	Lifetime except 5 yr fan/power supply		1,747.00	0.00	0.00
0	TNW-020-1350			CISCO	3560E12D-SLB-QTY	IP Services for 3560E-12D, upgrade from IP Base	Lifetime except 5 yr fan/power supply		5,441.00	0.00	0.00
0	TNW-020-1390			CISCO	L-3560E12D-SLB-QTY	E-Delivery IP Svcs for 3560E-12D, upgrade from IP base	Lifetime except 5 yr fan/power supply		5,441.00	0.00	0.00
0	TNW-020-1400			CISCO	L-3560E12SD-SLB-QT	E-Delivery IP Services for 3560E-12SD, upgrade from IPB	Lifetime except 5 yr fan/power supply		1,848.00	0.00	0.00
0						Layer 3 Switches - Power Supplies and Fan Module for 3560-E and 3750-E Series Switches					
0	TNW-020-1440			CISCO	C3K-PWR-750WAC=	Catalyst 3750-E/3560-E/RPS 2300 750WAC power supply spare	Lifetime except 5 yr fan/power supply		435.00	0.00	0.00
0	TNW-020-1450			CISCO	C3K-PWR-1150WAC=	Catalyst 3750-E/3560-E/RPS 2300 1150WAC power supply spare	Lifetime except 5 yr fan/power supply		653.00	0.00	0.00
0	TNW-020-1470			CISCO	C3K-PWR-300WDC=	Catalyst 3560E-12D 300WDC power supply spare	Lifetime except 5 yr fan/power supply		411.00	0.00	0.00
0						Catalyst 4500 E-Series - Chassis					
0	TNW-020-1590			CISCO	WS-C4503-E	Cat4500 E-Series 3-Slot Chassis, fan, no ps	Lifetime except 5 yr fan/power supply		681.00	0.00	0.00
0	TNW-020-1600			CISCO	WS-C4506-E	Cat4500 E-Series 6-Slot Chassis, fan, no ps	Lifetime except 5 yr fan/power supply		3,423.00	0.00	0.00
0	TNW-020-1610			CISCO	WS-C4507R-E	Cat4500 E-Series 7-Slot Chassis, fan, no ps, Red Sup Capable	Lifetime except 5 yr fan/power supply		6,850.00	0.00	0.00
0	TNW-020-1620			CISCO	WS-C4503-E-S2-48	Cat4503-E Data Bundle, 1 x 1000AC, 1 x S2+, 1 x WS-X4148-RJ	Lifetime except 5 yr fan/power supply		6,853.00	0.00	0.00
0	TNW-020-1630			CISCO	WS-C4503-E-S2-48V	Cat4503-E PoE Bundle, 1 x 1300AC, 1 x S2+, 1 x WS-X4248-RJ45V	Lifetime except 5 yr fan/power supply		8,224.00	0.00	0.00
0	TNW-020-1640			CISCO	WS-C4503E-S6L-48V+	4503-E Chassis, One WS-X4648-RJ45V+E, Sup6L-E	Lifetime except 5 yr fan/power supply		7,539.00	0.00	0.00
0	TNW-020-1650			CISCO	WS-C4506E-GE-96V	Cat4506-E PoE GE Bundle, 1 x S2+10GE, 2 x WS-X4548-GB-RJ45V	Lifetime except 5 yr fan/power supply		12,336.00	0.00	0.00
0	TNW-020-1660			CISCO	WS-C4506E-S6L-96V+	4506-E Chassis, TwoWS-X4648-RJ45V+E, Sup6L-E	Lifetime except 5 yr fan/power supply		12,336.00	0.00	0.00
0	TNW-020-1670			CISCO	WS-C4506E-S6L-2800	4506-E Chassis, TwoWS-X4648-RJ45V+E, Sup6L-E, 2800W PS	Lifetime except 5 yr fan/power supply		19,704.00	0.00	0.00



Qty	RFP item	RFP Description	TFS item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0			TNW-020-1680	CISCO	WS-C4506E-S6L-4200	4506-E Chassis, Two WS-X4648-RJ45V+E, Sup6L-E, 4200W PS	Lifetime except 5 yr fan/power supply		14,389.00	0.00	0.00
0			TNW-020-1690	CISCO	WS-C4507R-E-S2-96	Cat4507R-E Data Bundle, 1 x S2+, 2 x WS-X4148-RJ	Lifetime except 5 yr fan/power supply		11,994.00	0.00	0.00
0			TNW-020-1700	CISCO	WS-C4507R-E-S2-96V	Cat4507R-E PoE Bundle, 1 x S2+, 2xWS-X4248-RJ45V	Lifetime except 5 yr fan/power supply		14,735.00	0.00	0.00
0			TNW-020-1710	CISCO	WS-C4507RES6L-96V+	4507-E Chassis, TwoWS-X4648-RJ45V+E, Sup6L-E	Lifetime except 5 yr fan/power supply		15,078.00	0.00	0.00
0			TNW-020-1720	CISCO	WS-C4510RE-S6-96V+	4510-E Chassis, TwoWS-X4648-RJ45V+E, Sup6-E	Lifetime except 5 yr fan/power supply		20,561.00	0.00	0.00
0			TNW-020-1730	CISCO	WS-C4500-10G-LIC	Catalyst 4500 10G Upgrade License for LAN Base Image	Lifetime except 5 yr fan/power supply		2,741.00	0.00	0.00
0			TNW-020-1740	CISCO	WS-C4500-10G-LIC=	Catalyst 4500 10G Upgrade License for LAN Base Image	Lifetime except 5 yr fan/power supply		2,741.00	0.00	0.00
0			TNW-020-1750	CISCO	WS-C4503E-S6L-1300	4503-E Chassis, One WS-X4648-RJ45V+E, Sup6L-E, 1300W PS	Lifetime except 5 yr fan/power supply		8,221.00	0.00	0.00
0			TNW-020-1760	CISCO	WS-C4506E-S6L-1300	4506-E Chassis, Two WS-X4648-RJ45V+E, Sup6L-E, 1300W PS	Lifetime except 5 yr fan/power supply		13,018.00	0.00	0.00
0			TNW-020-1770	CISCO	WS-C4507R	Catalyst 4500 Chassis (7-Slot), fan, no p/s, Red Sup Capable	Lifetime except 5 yr fan/power supply		6,850.00	0.00	0.00
0			TNW-020-1780	CISCO	WS-C4506	Catalyst 4500 Chassis (6-Slot), fan, no p/s	Lifetime except 5 yr fan/power supply		3,423.00	0.00	0.00
0			TNW-020-1790	CISCO	WS-C4503	Catalyst 4500 Chassis (3-Slot), fan, no p/s	Lifetime except 5 yr fan/power supply		681.00	0.00	0.00
0			TNW-020-1800	CISCO	WS-C4506-S2-96	Cat4506 Bundle, 1x 1000AC, 1x S2+, 2x WS-X4148-RJ	Lifetime except 5 yr fan/power supply		11,500.00	0.00	0.00
0			TNW-020-1810	CISCO	WS-C4503-S2-48	Cat4503 Bundle, 1x 1000AC, 1x S2+, 1x WS-X4148-RJ	Lifetime except 5 yr fan/power supply		6,850.00	0.00	0.00
0			TNW-020-1820	CISCO	WS-C4506-S4-AP25	Cat4506 Bundle, 1x 1000AC, 1x S4, 1x WS-X4306-GB, 1x4402-25	Lifetime except 5 yr fan/power supply		22,470.00	0.00	0.00
0			TNW-020-1830	CISCO	WS-C4506-S4-AP50	Cat4506 Bundle, 1x 1000AC, 1x S4, 1x WS-X4306-GB, 1x4402-50	Lifetime except 5 yr fan/power supply		26,041.00	0.00	0.00
0						<b>Catalyst 4500 PoE Enabled Power Supplies</b>					
0			TNW-020-1850	CISCO	PWR-C45-6000ACV	Catalyst 4500 6000W AC dual input Power Supply (Data + PoE)	Lifetime except 5 yr fan/power supply		2,738.00	0.00	0.00
0			TNW-020-1880	CISCO	PWR-C45-4200ACV	Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	Lifetime except 5 yr fan/power supply		2,052.00	0.00	0.00
0			TNW-020-1910	CISCO	PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	Lifetime except 5 yr fan/power supply		1,367.00	0.00	0.00
0			TNW-020-1940	CISCO	PWR-C45-1300ACV	Catalyst 4500 1300W AC Power Supply (Data and PoE)	Lifetime except 5 yr fan/power supply		681.00	0.00	0.00
0			TNW-020-1970	CISCO	PWR-C45-1400DC-P	Catalyst 4500 1400W DC Power Supply w/int PEM	Lifetime except 5 yr fan/power supply		1,195.00	0.00	0.00
0			TNW-020-2000	CISCO	WS-P4502-1PSU	Catalyst 4500 Aux. Power Shelf (2 slot), incl. one PWR-4502	Lifetime except 5 yr fan/power supply		2,395.00	0.00	0.00
0			TNW-020-2010	CISCO	PWR-4502	Catalyst 4500 Aux. Power Shelf Redundant Power Supply	Lifetime except 5 yr fan/power supply		1,230.00	0.00	0.00
0			TNW-020-2030	CISCO	PWR-C45-1400AC	Catalyst 4500 1400W AC Power Supply (Data Only)	Lifetime except 5 yr fan/power supply		1,024.00	0.00	0.00
0			TNW-020-2060	CISCO	PWR-C45-1000AC	Catalyst 4500 1000W AC Power Supply (Data Only)	Lifetime except 5 yr fan/power supply		681.00	0.00	0.00
0			TNW-020-2090	CISCO	PWR-C45-1400DC	C4500 1400W DC Triple input SP Power Supply-data only	Lifetime except 5 yr fan/power supply		1,195.00	0.00	0.00
0						<b>Catalyst 4500 E-Series Supervisor Engine</b>					
0			TNW-020-2130	CISCO	WS-X45-SUP6-E	Catalyst 4500 E-Series Sup 6-E, 2x10GE(X2) w/ Twin Gig	Lifetime except 5 yr fan/power supply		13,704.00	0.00	0.00
0			TNW-020-2160	CISCO	WS-X45-SUP6L-E/2	Catalyst 4500 E-Series Sup 6-E Lite, 2x10GE(X2) w/ Twin Gig	Lifetime except 5 yr fan/power supply		8,221.00	0.00	0.00
0						<b>Catalyst 4500 Supervisor Engines</b>					



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0			TNW-020-2200	CISCO	WS-X4516-10GE	Catalyst 4500 Supervisor V-10GE, 2x10GE (X2) and 4x1GE (SFP)	Lifetime except 5 yr fan/power supply		12,676.00	0.00	0.00
0			TNW-020-2230	CISCO	WS-X4516	Catalyst 4500 Supervisor V (2 GE), Console(RJ-45)	Lifetime except 5 yr fan/power supply		11,305.00	0.00	0.00
0			TNW-020-2260	CISCO	WS-X4515	Catalyst 4500 Supervisor IV (2 GE), Console(RJ-45)	Lifetime except 5 yr fan/power supply		8,221.00	0.00	0.00
0			TNW-020-2290	CISCO	WS-X4013+10GE	Catalyst 4500 Sup II+10GE, 2x10GE (X2) and 4x1GE (SFP)	Lifetime except 5 yr fan/power supply		8,221.00	0.00	0.00
0			TNW-020-2320	CISCO	WS-X4013+	Catalyst 4500 Supervisor IIPlus (IOS), 2GE, Console(RJ-45)	Lifetime except 5 yr fan/power supply		4,108.00	0.00	0.00
0			TNW-020-2350	CISCO	WS-X4013+TS	Catalyst 4503 SupII+Plus-TS, 12 10/100/1000 PoE+8 SFP slots	Lifetime except 5 yr fan/power supply		4,108.00	0.00	0.00
0			TNW-020-2370	CISCO	WS-F4531	Catalyst 4500 NetFlow Services Card (Sup IVV)	Lifetime except 5 yr fan/power supply		2,052.00	0.00	0.00
0			TNW-020-2410	CISCO	WS-X4606-X2-E	<b>Catalyst 4500 E-Series Linecards</b> Catalyst 4500 E-Series 6-Port 10GbE (X2)	Lifetime except 5 yr fan/power supply		10,280.00	0.00	0.00
0			TNW-020-2430	CISCO	WS-X4648-RJ45V-E	Catalyst 4500 E-Series 48-Port PoE 802.3af 10/100/1000(RJ45)	Lifetime except 5 yr fan/power supply		6,507.00	0.00	0.00
0			TNW-020-2450	CISCO	WS-X4648-RJ45V+E	Catalyst 4500 E-Series 48-Port PoE+ Ready 10/100/1000(RJ45)	Lifetime except 5 yr fan/power supply		5,136.00	0.00	0.00
0			TNW-020-2480	CISCO	WS-X4648-RJ45-E	Catalyst 4500 E-Series 48-Port 10/100/1000 (RJ45)	Lifetime except 5 yr fan/power supply		3,766.00	0.00	0.00
0			TNW-020-2500	CISCO	WS-X4148-RJ	<b>Catalyst 4500 10/100 Linecards</b> Catalyst 4500 10/100 Auto Module, 48-Ports (RJ-45)	Lifetime except 5 yr fan/power supply		3,080.00	0.00	0.00
0			TNW-020-2520	CISCO	WS-X4124-RJ45	Catalyst 4500 10/100 Module, 24-Ports(RJ45)	Lifetime except 5 yr fan/power supply		1,710.00	0.00	0.00
0			TNW-020-2550	CISCO	WS-X4248-RJ45V	Catalyst 4500 PoE 802.3af 10/100, 48-Ports (RJ45)	Lifetime except 5 yr fan/power supply		4,451.00	0.00	0.00
0			TNW-020-2590	CISCO	WS-X4232-GB-RJ	Catalyst 4500 32-10/100 (RJ-45), 2-GE(GBIC)	Lifetime except 5 yr fan/power supply		3,080.00	0.00	0.00
0			TNW-020-2620	CISCO	WS-X4548-GB-RJ45	<b>Catalyst 4500 10/100/1000 Linecards</b> Catalyst 4500 Enhanced 48-Port 10/100/1000 Base-T (RJ-45)	Lifetime except 5 yr fan/power supply		3,766.00	0.00	0.00
0			TNW-020-2630	CISCO	WS-X4548-RJ45V+	Catalyst 4500 PoE+ Ready 10/100/1000, 48-Port (RJ45)	Lifetime except 5 yr fan/power supply		5,136.00	0.00	0.00
0			TNW-020-2670	CISCO	WS-X4524-GB-RJ45V	Catalyst 4500 PoE 802.3af 10/100/1000 24-ports (RJ45)	Lifetime except 5 yr fan/power supply		3,080.00	0.00	0.00
0			TNW-020-2690	CISCO	WS-X4506-GB-T	Catalyst 4500 6-Port 10/100/1000 PoE or SFP (Optional)	Lifetime except 5 yr fan/power supply		2,395.00	0.00	0.00
0			TNW-020-2710	CISCO	WS-X4424-GB-RJ45	Catalyst 4500 24-port 10/100/1000 Module (RJ45)	Lifetime except 5 yr fan/power supply		2,395.00	0.00	0.00
0			TNW-020-2740	CISCO	WS-X4306-GB	<b>Catalyst 4500 1000 Base-X GE Linecards</b> Catalyst 4500 Gigabit Ethernet Module, 6-Ports (GBIC)	Lifetime except 5 yr fan/power supply		2,052.00	0.00	0.00
0			TNW-020-2760	CISCO	WS-X4506-GB-T	Catalyst 4500 6-Port 10/100/1000 PoE or SFP (Optional)	Lifetime except 5 yr fan/power supply		2,395.00	0.00	0.00
0			TNW-020-2780	CISCO	WS-X4302-GB	Catalyst 4500 Gigabit Ethernet Module, 2-Ports (GBIC)	Lifetime except 5 yr fan/power supply		681.00	0.00	0.00
0			TNW-020-2800	CISCO	WS-X4418-GB	Catalyst 4500 GE Module, Server Switching 18-Ports (GBIC)	Lifetime except 5 yr fan/power supply		6,850.00	0.00	0.00
0			TNW-020-2820	CISCO	WS-X4448-GB-SFP	Catalyst 4500 48-Port 1000Base-X (SFPs Optional)	Lifetime except 5 yr fan/power supply		11,305.00	0.00	0.00
0			TNW-020-2850	CISCO	MEM-X45-512MB-E	<b>Catalyst 4500 E-Series Memory Options</b> Catalyst 4500 512MB to 1GB SDRAM Upgrade for Sup6-E	Lifetime except 5 yr fan/power supply		3,289.00	0.00	0.00
0			TNW-020-2870	CISCO	MEM-X45-1GB-LE	Catalyst 4500 1GB SDRAM Upgrade for Sup6-LE	Lifetime except 5 yr fan/power supply		3,289.00	0.00	0.00
0						<b>Catalyst 4500 Memory Options</b>					



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0			TNW-020-2900	CISCO	MEM-C4K-FLD64M	Catalyst 4900M Compact Flash, 64MB Option	Lifetime except 5 yr fan/power supply		274.00	0.00	0.00
0			TNW-020-2920	CISCO	MEM-C4K-FLD128M	Catalyst 4900M Compact Flash, 128MB Option	Lifetime except 5 yr fan/power supply		479.00	0.00	0.00
0			TNW-020-2950	CISCO	MEMC4K-U512D-SDRAM Plus-10GE	512 DIM DRAM Factory Upgrade for Supervisor II- Plus-10GE	Lifetime except 5 yr fan/power supply		1,370.00	0.00	0.00
0			TNW-020-3030	CISCO	WS-CAC-3000W	Catalyst 6500 AC Power Supplies	Lifetime except 5 yr fan/power supply		1,399.00	0.00	0.00
0			TNW-020-3040	CISCO	WS-CAC-6000W	Cat6500 6000W AC Power Supply	Lifetime except 5 yr fan/power supply		2,297.00	0.00	0.00
0			TNW-020-3060	CISCO	WS-SUP32-10GE-3B	Catalyst 6500 Sup Engines/Switch Modules	Lifetime except 5 yr fan/power supply		9,035.00	0.00	0.00
0			TNW-020-3070	CISCO	WS-SUP32-GE-3B	Cat 6500 Supervisor 32 with 2 ports 10GbE and F	Lifetime except 5 yr fan/power supply		6,789.00	0.00	0.00
0			TNW-020-3090	CISCO	WS-X6708-10G-3C	Catalyst 6500 Supervisor 32 with 8 GE uplinks and DF	Lifetime except 5 yr fan/power supply		16,896.00	0.00	0.00
0			TNW-020-3120	CISCO	WS-X6408A-GBIC	Catalyst 6500 Gigabit Ethernet	Lifetime except 5 yr fan/power supply		4,541.00	0.00	0.00
0			TNW-020-3130	CISCO	WS-X6516A-GBIC	Catalyst 6000 8-port GE, Enhanced QoS (Req. G)	Lifetime except 5 yr fan/power supply		6,789.00	0.00	0.00
0			TNW-020-3150	CISCO	WS-X6148A-GE-TX	Catalyst 6500 16-port GigE Mod, fabric-enabled (f	Lifetime except 5 yr fan/power supply		3,195.00	0.00	0.00
0			TNW-020-3160	CISCO	WS-X6148A-GE-45AF	Catalyst 6500 48-Port PoE 802.3af & ePoE 10/100/100	Lifetime except 5 yr fan/power supply		4,094.00	0.00	0.00
0			TNW-020-3210	CISCO	WS-X6148A-RJ-45	Catalyst 6500 10/100 w/Jumbo Fram	Lifetime except 5 yr fan/power supply		2,747.00	0.00	0.00
0			TNW-020-3340	CISCO	WS-SVC-W/SIM-1-K9	Catalyst 6500 Service Modules	Lifetime except 5 yr fan/power supply		20,713.00	0.00	0.00
0			TNW-020-3410	CISCO	S730AEK9M-12233SXH	Cisco CAT6000-SUP720 IOS ADVANCED ENT S	Lifetime except 5 yr fan/power supply		6,789.00	0.00	0.00
0			TNW-020-3430	CISCO	S730AIK9M-12233SXH	Cisco CAT6000-SUP720 IOS ADVANCED IP SEI	Lifetime except 5 yr fan/power supply		4,543.00	0.00	0.00
0			TNW-020-3450	CISCO	SV33AEK9M-12233SXH	Cisco CAT6000-VSS720 IOS ADVANCED ENT S	Lifetime except 5 yr fan/power supply		6,789.00	0.00	0.00
0			TNW-020-3460	CISCO	SV33AIK9M-12233SXH	Cisco CAT6000-VSS720 IOS ADVANCED IP SEI	Lifetime except 5 yr fan/power supply		4,543.00	0.00	0.00
0			TNW-020-3630	CISCO	CAB-7513AC-	Catalyst 6500 Cables	Lifetime except 5 yr fan/power supply		12.00	0.00	0.00
0			TNW-020-3640	CISCO	CAB-AC-2500W-US1=	AC POWER CORD NORTH-AMERICA	Lifetime except 5 yr fan/power supply		21.00	0.00	0.00
0			TNW-020-3670	CISCO	WS-X3500-XL	Transceivers for Cisco Switches	Lifetime except 5 yr fan/power supply		109.00	0.00	0.00
0			TNW-020-3680	CISCO	WS-G5483=	GigaStack Stacking GBIC and 50cm cable	Lifetime except 5 yr fan/power supply		173.00	0.00	0.00
0			TNW-020-3690	CISCO	WS-G5484=	1000BASE-T GBIC - RJ-45 Connector	Lifetime except 5 yr fan/power supply		218.00	0.00	0.00
0			TNW-020-3700	CISCO	GLC-SX-MM=	1000BASE-SX Short Wavelength GBIC - SC Connector	Lifetime except 5 yr fan/power supply		218.00	0.00	0.00
0			TNW-020-3710	CISCO	GLC-T=	GE SFP, SX transceiver - LC Connector on MMF	Lifetime except 5 yr fan/power supply		173.00	0.00	0.00



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0	TNW-020-3720			CISCO	GLC-ZX-SM=	1000BASE-ZX SFP - LC Connector on MMF or SMF	Lifetime except 5 yr fan/power supply	2860, 3560, 3750 & 4900	1,747.00	0.00	0.00
0	TNW-020-3750			CISCO	X2-10GB-SR=	10GBASE-SR X2 Module - SC Connector on MMF	Lifetime except 5 yr fan/power supply	3750 & 4900	872.00	0.00	0.00
0	TNW-020-3760			CISCO	X2-10GB-CX4=	10GBASE-CX4 X2 Module - 4X Inband Connector on CX4 Copper	Lifetime except 5 yr fan/power supply	3750 & 4900	262.00	0.00	0.00
0	TNW-020-3770			CISCO	CVR-X2-SFP=	Cisco TwinGig Converter Module - Converts 10GB X2 Port to Two 1Gb SFP	Lifetime except 5 yr fan/power supply	3560-E & 3750-E	85.00	0.00	0.00
0	TNW-020-3790			CISCO	X2-10GB-LX4	10GBASE-LX4 X2 Module - SC Connector on MMF	Lifetime except 5 yr fan/power supply	3560, 3750 & 4900	1,309.00	0.00	0.00
0	TNW-020-3800			CISCO	SFP-10G-LR=	10GBASE-LR SFP Module	Lifetime except 5 yr fan/power supply		2,738.00	0.00	0.00
0	TNW-020-3810			CISCO	SFP-10G-SR=	10GBASE-SR SFP Module	Lifetime except 5 yr fan/power supply		1,024.00	0.00	0.00
0	TNW-020-3830			CISCO	SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	Lifetime except 5 yr fan/power supply		143.00	0.00	0.00
0	TNW-020-3840			CISCO	SFP-H10GB-CU5M=	10GBASE-CU SFP+ Cable 5 Meter	Lifetime except 5 yr fan/power supply		178.00	0.00	0.00
						<b>SMARTNET</b>					
				CISCO		<b>SMARTnet for Wireless Controllers and Upgrade Licenses</b>					
0	TNW-020-04000			CISCO	COM-SNT-CT08250	SMARTNET 8X5XNBD Cisco 5508 Series	Lifetime except 5 yr fan/power supply		5,069.00	0.00	0.00
0	TNW-020-04010			CISCO	COM-SNT-CT08500	SMARTNET 8X5XNBD Cisco 5508 Series	Lifetime except 5 yr fan/power supply		8,189.00	0.00	0.00
0	TNW-020-04020			CISCO	COM-SNT-CT0812	SMARTNET 8X5XNBD Cisco 5508 Series Wi	Lifetime except 5 yr fan/power supply		857.00	0.00	0.00
0	TNW-020-04030			CISCO	COM-SNT-CT0850	SMARTNET 8X5XNBD 5508 Series Controller	Lifetime except 5 yr fan/power supply		1,754.00	0.00	0.00
0	TNW-020-04040			CISCO	COM-SNT-LCT250U	SMARTNET 8X5XNBD 100 to 250 AP upgrade	Lifetime except 5 yr fan/power supply		4,835.00	0.00	0.00
0	TNW-020-04050			CISCO	COM-SNT-LCT50U	SMARTNET 8X5XNBD 25 to 50 AP upgrade	Lifetime except 5 yr fan/power supply		935.00	0.00	0.00
0	TNW-020-04060			CISCO	COM-SNT-LCT25U	SMARTNET 8X5XNBD 12 to 25 AP upgrade	Lifetime except 5 yr fan/power supply		701.00	0.00	0.00
						<b>SMARTnet for C3560 Series Products</b>					
0	TNW-020-04080			CISCO	COM-SNT-60C12S1	SMARTNET 8X5XNBD Catalyst 3560-12PC-S single unit for 6pk	Lifetime except 5 yr fan/power supply		108.00	0.00	0.00
0	TNW-020-04110			CISCO	COM-SNT-356G24PS	SMARTNET 8X5XNBD Bundle Catalyst 3560 PoE	Lifetime except 5 yr fan/power supply		380.00	0.00	0.00
0	TNW-020-04130			CISCO	COM-SNT-V224TSS	SMARTNET 8X5XNBD Catalyst 3560V2 24 10/100 + 2 SFP Standard	Lifetime except 5 yr fan/power supply		211.00	0.00	0.00
0	TNW-020-04140			CISCO	COM-SNT-W5C12PCS	SMARTNET 8X5XNBD 12 10/100 PoE ports Compact Switch	Lifetime except 5 yr fan/power supply		108.00	0.00	0.00
						<b>SMARTnet for 2900ISR Series Products</b>					
0	TNW-020-04160			CISCO	COM-SNT-2921SEC	SMARTNET 8X5XNBD Cisco 2921 Security	Lifetime except 5 yr fan/power supply		536.00	0.00	0.00
0	TNW-020-04170			CISCO	COM-SNT-2921	SMARTNET 8X5XNBD Cisco 2921	Lifetime except 5 yr fan/power supply		537.00	0.00	0.00
0	TNW-020-04180			CISCO	COM-SNT-2951SEC	SMARTNET 8X5XNBD Cisco 2951 Security	Lifetime except 5 yr fan/power supply		935.00	0.00	0.00
0	TNW-020-04190			CISCO	COM-SNT-2911V5SR	SMARTNET 8X5XNBD Cisco 2911 SRE Bundle	Lifetime except 5 yr fan/power supply		428.00	0.00	0.00
						<b>SMARTnet for C3560X Series Products</b>					
0	TNW-020-04210			CISCO	COM-SNT-3560X4PL	SMARTNET 8X5XNBD Catalyst 3560X 48 Port PoE LAN Base	Lifetime except 5 yr fan/power supply		341.05	0.00	0.00
0	TNW-020-04220			CISCO	COM-SNT-3560X4TL	SMARTNET 8X5XNBD Catalyst 3560X 48 Port Data LAN Base	Lifetime except 5 yr fan/power supply		341.10	0.00	0.00
0	TNW-020-04230			CISCO	COM-SNT-3560X4FL	SMARTNET 8X5XNBD Catalyst 3560X 48 Port Full PoE LAN Base	Lifetime except 5 yr fan/power supply		341.20	0.00	0.00



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0			TNW-020-04240	CISCO	CON-SNT-3560X2PL	SMARTNET 8X5XNBD Catalyst 3560X 24 Port PoE LAN Base	Lifetime except 5 yr fan/power supply		341.30	0.00	0.00
0			TNW-020-04250	CISCO	CON-SNT-3560X2TL	SMARTNET 8X5XNBD Catalyst 3560X 24 Port Data LAN Base	Lifetime except 5 yr fan/power supply		341.40	0.00	0.00
0			TNW-020-04260	CISCO	CON-SNT-3560X4FS	SMARTNET 8X5XNBD Cat 3560X 48 Port Full PoE IP Base	Lifetime except 5 yr fan/power supply		458.00	0.00	0.00
0			TNW-020-04270	CISCO	CON-SNT-3560X4PS	SMARTNET 8X5XNBD Cat 3560X 48 Port PoE IP Base	Lifetime except 5 yr fan/power supply		458.10	0.00	0.00
0			TNW-020-04280	CISCO	CON-SNT-3560X2PS	SMARTNET 8X5XNBD Catalyst 3560X 24 Port PoE IP Base	Lifetime except 5 yr fan/power supply		458.20	0.00	0.00
0			TNW-020-04290	CISCO	CON-SNT-3560X4TS	SMARTNET 8X5XNBD Cat 3560X 48 Port Data IP Base	Lifetime except 5 yr fan/power supply		458.30	0.00	0.00
0			TNW-020-04300	CISCO	CON-SNT-3560X2TS	SMARTNET 8X5XNBD Cat 3560X 24 Port Data IP Base	Lifetime except 5 yr fan/power supply		458.40	0.00	0.00
0			TNW-020-04320	CISCO	CON-SNT-3750X4FL	<b>SMARTnet for C3750X Series Products</b> SMARTNET 8X5XNBD Catalyst 3750X 48 Port Full PoE LAN Base	Lifetime except 5 yr fan/power supply		536.10	0.00	0.00
0			TNW-020-04330	CISCO	CON-SNT-3750X4PL	SMARTNET 8X5XNBD Catalyst 3750X 48 Port PoE LAN Base	Lifetime except 5 yr fan/power supply		536.20	0.00	0.00
0			TNW-020-04340	CISCO	CON-SNT-3750X2PL	SMARTNET 8X5XNBD Catalyst 3750X 24 Port PoE LAN Base	Lifetime except 5 yr fan/power supply		536.30	0.00	0.00
0			TNW-020-04350	CISCO	CON-SNT-3750X4TL	SMARTNET 8X5XNBD Catalyst 3750X 48 Port Data LAN Base	Lifetime except 5 yr fan/power supply		536.40	0.00	0.00
0			TNW-020-04360	CISCO	CON-SNT-3750X2TL	SMARTNET 8X5XNBD Catalyst 3750X 24 Po	Lifetime except 5 yr fan/power supply		536.50	0.00	0.00
0			TNW-020-04370	CISCO	CON-SNT-3750X4FS	SMARTNET 8X5XNBD Catalyst 3750X 48 Port Full PoE IP Base	Lifetime except 5 yr fan/power supply		682.00	0.00	0.00
0			TNW-020-04380	CISCO	CON-SNT-3750X4PS	SMARTNET 8X5XNBD Catalyst 3750X 48 Port PoE IP Base	Lifetime except 5 yr fan/power supply		682.10	0.00	0.00
0			TNW-020-04390	CISCO	CON-SNT-3750X2PS	SMARTNET 8X5XNBD Catalyst 3750X 24 PoE IP Base	Lifetime except 5 yr fan/power supply		682.20	0.00	0.00
0			TNW-020-04400	CISCO	CON-SNT-3750X4TS	SMARTNET 8X5XNBD Catalyst 3750X 48 Port Data IP Base	Lifetime except 5 yr fan/power supply		682.30	0.00	0.00
0			TNW-020-04410	CISCO	CON-SNT-3750X2TS	SMARTNET 8X5XNBD Catalyst 3750X 24 Port Data IP Base	Lifetime except 5 yr fan/power supply		682.40	0.00	0.00
0			TNW-020-04430	CISCO	CON-SNT-CS0EXPK9	<b>SMARTnet for CSACS Series Products</b> SMARTNET 8X5XNBD Secure ACS Express 5.0	Lifetime except 5 yr fan/power supply		156.00	0.00	0.00
0			TNW-020-04440	CISCO	CON-SNT-SACS1121	SMARTNET 8X5XNBD ACS 1121 Appliance With 5.1 SW APP SUPP ACS 5.2 VMware Software And Base License	Lifetime except 5 yr fan/power supply		234.00	0.00	0.00
0			TNW-020-04450	CISCO	CON-SAS-CSACS52V	SMARTNET 8X5XNBD Secure ACS Express 5.0	Lifetime except 5 yr fan/power supply		2,339.00	0.00	0.00
0			TNW-020-04460	CISCO	CON-SNT-CS0EXPK9	<b>SMARTnet for CiscoWorks LMS</b> SMARTNET 8X5XNBD Secure ACS Express 5.0	Lifetime except 5 yr fan/power supply		155.00	0.00	0.00
0			TNW-020-04470	CISCO	CON-SAS-LMS4300	SW APP SUPP LMS 4.0 Small Enterprise 1, 100-300	Lifetime except 5 yr fan/power supply		3,118.00	0.00	0.00
0			TNW-020-04490	CISCO	CON-SAS-LMS45BE	SW APP SUPP LMS 4.0 Small Bx Edition 50 Dev Restricted	Lifetime except 5 yr fan/power supply		487.00	0.00	0.00
0			TNW-020-04500	CISCO	CON-SAS-LMS4100	SW APP SUPP LMS 4.0 100 Device Restricted	Lifetime except 5 yr fan/power supply		1,950.00	0.00	0.00
0			TNW-020-04510	CISCO	CON-SAS-LMS4750	SW APP SUPP LMS 4.0 Med Enterprise 1, 300-750	Lifetime except 5 yr fan/power supply		4,483.00	0.00	0.00
0			TNW-020-5000	CISCO	WAE-512-K9	<b>CISCO Caching</b> Content Delivery Network Products - Content Engines (ACNS) Wide Area Application Engine 512, 1GB MEM, 1 X250 HDD	Lifetime except 5 yr fan/power supply		6,500.00	0.00	0.00
0			TNW-020-5010	CISCO	WAE-674-K9	Wide Area Application Engine 674 with 4GB MEM, 3 X 300GB HDD	Lifetime except 5 yr fan/power supply		16,000.00	0.00	0.00



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0			TNW-020-5020	CISCO	WAE-7341-K9	Wide Area Application Engine 7341, 12GB MEM, 4 X 300GB HDD			53,000.00	0.00	0.00
0			TNW-020-5060	CISCO	SE512-IPROXY-K9	Content Delivery Network Products - Internet Proxy Security Bundles HDD Incl.		HDD sold separately	5,200.00	0.00	0.00
0			TNW-020-5070	CISCO	SE612-IPROXY-K9	Security / iProxy WAE-612 bundle, 2GB MEM, No HDD Incl.		HDD sold separately	11,000.00	0.00	0.00
0			TNW-020-5210	CISCO	DISK-SATA2-250GB	Content Delivery Network Products - Hardware Spares and Options 250 GB SATA-II Disk Drive for WAE-512			1,300.00	0.00	0.00
0			TNW-020-5250	CISCO	MEM-WAE-1GB	1GB Memory Upgrade for WAE-512			1,000.00	0.00	0.00
0			TNW-020-5260	CISCO	MEM-WAE-2GB	2GB Memory Upgrade for WAE-612			1,800.00	0.00	0.00
0			TNW-020-5270	CISCO	WAE-INLN-4CG	Cisco WAE Inline Network Adapter			1,300.00	0.00	0.00
0			TNW-020-5380	CISCO	SF-WMSLIC-100M=	Content Delivery Network Products - Content Delivery Networks Software Options & Spares 100 Mbs Windows Media License for ACNS 5.5 or higher			1,500.00	0.00	0.00
0			TNW-020-5390	CISCO	SF-WMSLIC-250M=	250 Mbs Windows Media License for ACNS 5.5 or higher			2,000.00	0.00	0.00
0			TNW-020-5560	CISCO	ACE-4710-1F-K9	<b>CISCO Load Balancing</b> ACE 4710 Hardware-1Gbps-5K SSL-500MbpsComp-5VC- 50AppAccel			29,995.00	0.00	0.00
0			TNW-020-5570	CISCO	ACE-4710-2F-K9	ACE 4710 Hardware-2Gbps-7500 SSL-1GbpsComp-5VC- 50AppAccel			39,995.00	0.00	0.00
0			TNW-020-5580	CISCO	ACE-4710-K9=	ACE 4710 Hardware Spare			28,995.00	0.00	0.00
0			TNW-020-5590	CISCO	ACE-4710-4F-K9	ACE 4710 Hardware-4Gbps-7500 SSL-2GbpsComp-5VC- 50AppAccel			49,995.00	0.00	0.00
0			TNW-020-5600	CISCO	ACE-4710-05F-K9	ACE 4710 Hardware-0.5Gbps-100 SSL-100MbpsComp-5VC- 50 AppAcc			15,995.00	0.00	0.00
0			TNW-020-5610	CISCO	ACE-4710-BUN-UP1=	ACE 4710 0.5G to 1G Bundle Upgrade License			14,000.00	0.00	0.00
0			TNW-020-5620	CISCO	ACE-4710-BUN-UP2=	ACE 4710 1G to 2G Bundle Upgrade License			10,000.00	0.00	0.00
0			TNW-020-5630	CISCO	ACE-4710-BUN-UP3=	ACE 4710 2G to 4G Bundle Upgrade License			10,000.00	0.00	0.00
0			TNW-020-5640	CISCO	ACE-4710-BAS-2PAK	2Units ACE 4710 Hardware-1Gbps-1K SSL-100MbpsComp-5VC- 50App			49,995.00	0.00	0.00
0			TNW-020-5730	CISCO	ACE-SSL-UP1-K9=	Application Control Engine (ACE) Licenses Application Control Engine SSL Upgrade From 5k-10k TPS			5,000.00	0.00	0.00
0			TNW-020-5740	CISCO	ACE-SSL-UP2-K9=	Application Control Engine SSL Upgrade From 10k-15k TPS			5,000.00	0.00	0.00
0			TNW-020-5750	CISCO	ACE-SSL-10K-K9=	Application Control Engine SSL License, 10000 TPS			10,000.00	0.00	0.00
0			TNW-020-5760	CISCO	ACE-SSL-15K-K9=	Application Control Engine SSL License, 15000 TPS			15,000.00	0.00	0.00
0			TNW-020-5770	CISCO	ACE-04G-LIC	Application Control Engine (ACE) 4Gbps License			39,995.00	0.00	0.00
0			TNW-020-5780	CISCO	ACE-08G-LIC	Application Control Engine (ACE) 8Gbps License			59,995.00	0.00	0.00
0			TNW-020-5790	CISCO	ACE-SSL-05K-K9	Application Control Engine SSL License, 5000 TPS			5,000.00	0.00	0.00
0			TNW-020-5800	CISCO	ACE-SSL-05K-K9=	Application Control Engine SSL License, 5000 TPS			5,000.00	0.00	0.00
0			TNW-020-5810	CISCO	ACE-UPG1-LIC=	Application Control Engine (ACE) 4Gbps to 8Gbps Upgrade			30,000.00	0.00	0.00
0			TNW-020-5820	CISCO	ACE-VIRT-020	Application Control Engine Virtualization 20 Contexts			12,500.00	0.00	0.00
0			TNW-020-5830	CISCO	ACE-VIRT-020=	Application Control Engine Virtualization 20 Contexts			12,500.00	0.00	0.00
0			TNW-020-5840	CISCO	ACE-VIRT-050	Application Control Engine Virtualization 50 Contexts			25,000.00	0.00	0.00
0			TNW-020-5840	CISCO	ACE-VIRT-050=	Application Control Engine Virtualization 50 Contexts			25,000.00	0.00	0.00
0			TNW-020-5850	CISCO	ACE-VIRT-100	Application Control Engine Virtualization 100 Contexts			45,000.00	0.00	0.00
0			TNW-020-5860	CISCO	ACE-VIRT-100	Application Control Engine Virtualization 100 Contexts			45,000.00	0.00	0.00



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0	TNW-020-5870			CISCO	ACE-VIRT-100=	Application Control Engine Virtualization 100 Contexts		45,000.00	0.00	0.00
0	TNW-020-5880			CISCO	ACE-VIRT-250	Application Control Engine Virtualization 250 Contexts		80,000.00	0.00	0.00
0	TNW-020-5890			CISCO	ACE-VIRT-250=	Application Control Engine Virtualization 250 Contexts		80,000.00	0.00	0.00
0	TNW-020-5900			CISCO	ACE-VIRT-UP1=	Application Control Engine Context Upgrade - 20 to 50		12,500.00	0.00	0.00
0	TNW-020-5910			CISCO	ACE-VIRT-UP2=	Application Control Engine Context Upgrade - 50 to 100		20,000.00	0.00	0.00
0	TNW-020-5920			CISCO	ACE-VIRT-UP3=	Application Control Engine Context Upgrade - 100 to 250		35,000.00	0.00	0.00
0	TNW-020-5930			CISCO	ACE-SSL-10K-K9	Application Control Engine SSL License, 10000 TPS		10,000.00	0.00	0.00
0	TNW-020-5940			CISCO	ACE-SSL-15K-K9	Application Control Engine SSL License, 15000 TPS		15,000.00	0.00	0.00
0	TNW-020-5960			CISCO	CON-SNT-ACE10650	SMARTnet for DCAS Series Products		4,399.00	0.00	0.00
0	TNW-020-5990			CISCO	CON-SNT-ACE30MOI30	SMARTNET 8XSXNBD Application Control Engine		4,399.00	0.00	0.00
0	TNW-020-6280			CISCO		<b>CISCO Routers</b>				
0	TNW-020-6310			CISCO	CISCO2921/K9	Cisco 2900 Series Integrated Services Router Cisco 2921 w/3 GE,4 EHWIC,3 DSP,1 SM,256MB CF,512MB DRAM,IPB		2,532.00	0.00	0.00
0	TNW-020-6320			CISCO	CISCO2951/K9	Cisco 2951 w/3 GE,4 EHWIC,3 DSP,2 SM,256MB CF,512MB DRAM,IPB		5,140.00	0.00	0.00
0	TNW-020-6330			CISCO	CISCO2951-SEC/K9	Cisco 2951 Security Bundle w/SEC license PAK		5,753.00	0.00	0.00
0	TNW-020-6350			CISCO	MEM-2951-512U1GB	Cisco 2900 Series DRAM Memory Options 512MB to 1GB DRAM Upgrade (1.1GB DIMM) for Cisco 2951 ISR		342.00	0.00	0.00
0	TNW-020-6370			CISCO	MEM-2900-512U1GB	512MB to 1GB DRAM Upgrade (512MB+512MB) for Cisco 2901-2921		342.00	0.00	0.00
0	TNW-020-6400			CISCO	NME-AIR-WLC8-K9	Cisco 2811, 2821, 2851 Series Network Modules 8-AP WLAN Controller NM for Cisco 2800/3800 Series		2,185.00	0.00	0.00
0	TNW-020-6410			CISCO	NME-AIR-WLC12-K9	12-AP WLAN Controller NM for Cisco 2800/3800 Series		2,205.00	0.00	0.00
0	TNW-020-6420			CISCO	NME-AIR-WLC25-K9	25-AP WLAN Controller NM for Cisco 2800/3800 Series		4,092.00	0.00	0.00
0	TNW-020-6430			CISCO	NME-AIR-WLC6-K9	6-AP WLAN Controller NM for Cisco 2800/3800 Series		1,396.00	0.00	0.00
0	TNW-020-6440			CISCO	NME-VWSS-16	Cisco Video Management and Storage System NME16 Ports		2,073.00	0.00	0.00
0	TNW-020-6450			CISCO	NME-IPS-K9	Cisco IPS NM for 2811, 2821, 2851 and 3800		2,522.00	0.00	0.00
0	TNW-020-6460			CISCO	NME-NAM-80S=	Cisco Branch Routers Series Network Analysis Module		2,071.00	0.00	0.00
0	TNW-020-6470			CISCO	NME-NAM-120S	Cisco Branch Routers Series Network Analysis Module		1,396.00	0.00	0.00
0	TNW-020-6480			CISCO	NME-NAC-K9=	Cisco NAC Network Module for 2800, 3800 ISR		949.00	0.00	0.00
0	TNW-020-6490			CISCO	NACNM-100-K9	NAC Network Module spare for 2800, 3800 ISR		949.00	0.00	0.00
0	TNW-020-6500			CISCO	NACNM-50-K9	NAC Network Module Server License -max 100 users		1,399.00	0.00	0.00
0	TNW-020-6510			CISCO	NACNM-50UL=	NAC Network Module Server License Upgrade -50 to 100 users		725.00	0.00	0.00
0	TNW-020-6520			CISCO		<b>Cisco 2800 Series High Speed WAN Interface Cards</b>		949.00	0.00	0.00
0	TNW-020-6540			CISCO	HWIC-1FE	1-port 10/100 Routed Port HWIC		455.00	0.00	0.00
0	TNW-020-6550			CISCO	HWIC-1FE=	1-port 10/100 Routed Port HWIC		455.00	0.00	0.00
0	TNW-020-6560			CISCO	HWIC-4ESW-POE	4-Port Ethernet Switch HWIC with Power Over Ethernet		309.00	0.00	0.00
0	TNW-020-6570			CISCO	HWIC-4ESW-POE=	4-Port Ethernet Switch HWIC with Power Over Ethernet		309.00	0.00	0.00
0	TNW-020-6580			CISCO	HWIC-4T1/E1	4 port clear channel T1/E1 HWIC		1,623.00	0.00	0.00
0	TNW-020-6590			CISCO	HWIC-4T1/E1=	4 port clear channel T1/E1 HWIC		1,623.00	0.00	0.00
0	TNW-020-6610			CISCO	MEM-CF-256U512MB	Cisco 2900 Series Flash Memory Options 256MB to 512MB CF Upgrade for Cisco 1900,2900,3800 ISR		137.00	0.00	0.00
0	TNW-020-6620			CISCO	MEM-CF-256U1GB	256MB to 1GB Compact Flash Upgrade for Cisco 1900,2900,3900		274.00	0.00	0.00
0	TNW-020-6640			CISCO	MEMUSB-1024FT	Cisco 2900 Series USB Memory Options 1GB USB Flash Token		582.00	0.00	0.00



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0			TNW-020-6860	CISCO	MEM-2900-512U1GB	Cisco 2921 Series DRAM Memory Options 512MB to 1GB DRAM Upgrade (512MB-512MB) for Cisco 2901-2921			342.00	0.00	0.00
0			TNW-020-6880	CISCO	MEM-2951-512U1GB	Cisco 2951 Series DRAM Memory Options 512MB to 1GB DRAM Upgrade (1 GB DIMM) for Cisco 2951 ISR			342.00	0.00	0.00
0			TNW-020-6890	CISCO	MEM-2951-512U2GB	512MB to 2GB DRAM Upgrade (1 2GB DIMM) for Cisco 2951 ISR			856.00	0.00	0.00
0			TNW-020-6700	CISCO	CSACS-5.2-VM-K9	<b>CISCO Network Management and ACS</b> CiscoSecure Access Control System ACS 5.2 VMWare Software And Base License ACS 5.2 VMWare SW + Base License Upgrade for Previous Vers.			8,221.00	0.00	0.00
0			TNW-020-6720	CISCO	CSACS-5.2-VM-UP-K9	ACS 5.2 VMWare SW + Base License (Electronic Delivery)			4,794.00	0.00	0.00
0			TNW-020-6730	CISCO	L-CSACS-52VM-K9	L-CSACS-52VMWare SW Upgrade (Electronic Delivery)			8,221.00	0.00	0.00
0			TNW-020-6750	CISCO	L-CSACS-52VMUP-K9	L-CSACS-52VMWare SW Upgrade for Customers without SAS			4,794.00	0.00	0.00
0			TNW-020-6760	CISCO	CSACS-5.2SW-MR-K9	ACS 5.2 Minor Upgrade for Customers without SAS			1,024.00	0.00	0.00
0			TNW-020-6780	CISCO	CSACS-1121-K9	ACS 1121 Appliance With 5.x SW And Base License ACS 1121 Appliance And 5.x SW Upgrade for Previous Versions			10,277.00	0.00	0.00
0			TNW-020-6790	CISCO	CSACS-1121-UP-K9	ACS 1121 Appliance With 5.x SW And Base License ACS 1121 Appliance And 5.x SW Upgrade for Previous Versions			6,165.00	0.00	0.00
0			TNW-020-6800	CISCO	CSACS-4.2-WIN-K9	CiscoSecure ACS 4.2 for Windows			6,165.00	0.00	0.00
0			TNW-020-6820	CISCO	CSACS-5.0-EXP-K9	<b>CiscoSecure Access Control Server Express</b> Cisco Secure ACS Express 5.0			3,423.00	0.00	0.00
0			TNW-020-6840	CISCO	L-CWLMS-4.0-100	<b>CiscoWorks LAN Management Solution</b> LMS 4.0 100 Device Restricted, eDelivery LIC only			6,850.00	0.00	0.00
0			TNW-020-6850	CISCO	L-CWLMS-4.0-300	LMS 4.0 300 Device Restricted, eDelivery LIC only			10,962.00	0.00	0.00
0			TNW-020-6860	CISCO	L-CWLMS-4.0-SBE	LMS 4.0 Small Biz Edition 50 Dev Restricted, WIN LIC only			1,710.00	0.00	0.00
0			TNW-020-6870	CISCO	L-CWLMS-4.0-750	LMS 4.0 750 Device Restricted, eDelivery LIC only			15,760.00	0.00	0.00
0			TNW-020-6880	CISCO	CWLMS-4.0-100-K9	LMS 4.0 100 Device Restricted, WIN only			6,850.00	0.00	0.00
0			TNW-020-6890	CISCO	CWLMS-4.0-300-K9	LMS 4.0 Small Enterprise I, networks of 100 to 300 devices			10,962.00	0.00	0.00
0			TNW-020-6900	CISCO	CWLMS-4.0-SBE-K9	LMS 4.0 Small Biz Edition 50 Dev Restricted, WIN only			1,710.00	0.00	0.00
0			TNW-020-6910	CISCO	CWLMS-4.0-750-K9	LMS 4.0 Med Enterprise I, networks of 300 to 750 devices			15,760.00	0.00	0.00
0						<b>Avaya Electronics</b> <b>BAYSTACK Ethernet Routing Switches</b> BayStack 5510-24T 10/100/1000 ENET Switch with 24 ports plus 2 fiber mini-GBIC ports including a 1.5 foot Stacking Cable. (includes North American power cord)					
0	2.4.4.9		TNW-030-0100	Avaya	AL1001E04-E5	BayStack 5510-48T 10/100/1000 ENET Switch with 48 ports plus 2 fiber mini-GBIC ports including a 1.5 foot Stacking Cable. (includes North American power cord)	Lifetime warranty included in purchase price		2,422.00	0.00	0.00
0	2.4.4.9		TNW-030-0110	Avaya	AL1001E03-E5	BayStack 5510-48T 10/100/1000 ENET Switch with 48 ports plus 2 fiber mini-GBIC ports including a 1.5 foot Stacking Cable. (includes North American power cord)	Lifetime warranty included in purchase price		3,376.00	0.00	0.00
0	2.4.4.9		TNW-030-0120	Avaya	AL1001E07-E5	Ethernet Routing Switch 5530-24T 10/100/1000 BaseTX (24 10/100/1000BASE T ports, 12 shared fiber mini-GBIC switch ports, 2 built-in XFP 10 10 Gig ports, and built-in stacking ports). Includes 1.5 foot Stacking Cable. (includes North American Power Cord)	Lifetime warranty included in purchase price		4,710.00	0.00	0.00
0	2.4.4.9		TNW-030-0130	Avaya	AL1016001	Ethernet Routing Switch 55XX Advanced Routing License supporting SMLT, OSPF, ECMP, VRRP, and IPFIX. (one license required per stack or standalone unit).	Lifetime warranty included in purchase price		1,890.00	0.00	0.00
0	2.4.4.9		TNW-030-0140	Avaya	AL4500E03-E6	Ethernet Routing Switch 4526T with 24 10/100 BaseTX ports plus 2 combo 10/100/1000 SFP ports. HiStack ports and RPS slot. Inc. Base Software License & 46cm stack cable. [RoHS compliant] (N America power cord)	Lifetime warranty included in purchase price		1,065.00	0.00	0.00
0	2.4.4.9		TNW-030-0150	Avaya	AL4500E02-E6	Ethernet Routing Switch 4550T with 48 10/100 BaseTX ports plus 2 combo 10/100/1000 SFP ports. HiStack ports and RPS slot. Inc. Base Software License & 46cm stack cable. [RoHS compliant] (N America power cord)	Lifetime warranty included in purchase price		1,530.00	0.00	0.00
0	2.4.4.9		TNW-030-0160	Avaya	AL4500E06-E6	Ethernet Routing Switch 4526G1X with 24 10/100/1000 Base TX ports and 4 shared SFP ports plus 2 10Gig XFP slots, HiStack ports and RPS slot. Inc. Base Software License & 46cm stack cable. [RoHS compliant] (N America power cord)	Lifetime warranty included in purchase price		2,315.00	0.00	0.00



Qty	RFP item	RFP Description	TFS item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0	2.4.4.49		TNW-030-0170	Avaya	AL4500E05-E6	Ethernet Routing Switch 4524G1 with 24 10/100/1000 BaseTX ports and 4 shared SFP ports (inc 100FX SFP support), HiStack ports and RPS slot. Inc. Base Software License & 46cm stack cable. [RoHS compliant] (N America power cord)	Lifetime warranty included in purchase price		1,390.00	0.00	0.00
0	2.4.4.49		TNW-030-0180	Avaya	AL4500E04-E6	Ethernet Routing Switch 4548G1 with 48 10/100/1000 BaseTX ports and 4 SFP ports, plus HiStack ports and RPS slot. Inc. Base Software License & 46cm stack cable. [RoHS compliant] (N America power cord)	Lifetime warranty included in purchase price		2,920.00	0.00	0.00
0	2.4.4.49		TNW-030-0200	Avaya	AL1001E06-E5	<b>Baystack Ethernet Routing Switches POE</b> BayStack 5520-24T-PWR 10/100/1000 ENET Switch with 24 ports plus 4 fiber mini-GBIC ports with IEEE 802.3af Power over Ethernet. Includes 18" stack cable. Includes North American power cord.	Lifetime warranty included in purchase price		2,825.00	0.00	0.00
0	2.4.4.49		TNW-030-0210	Avaya	AL1001E05-E5	BayStack 5520-48T-PWR 10/100/1000 ENET Switch with 48 ports plus 4 fiber mini-GBIC ports with IEEE 802.3af Power over Ethernet. Includes 18" stack cable. Includes North American power cord.	Lifetime warranty included in purchase price		3,775.00	0.00	0.00
0	2.4.4.49		TNW-030-0220	Avaya	AL4500E13-E6	Ethernet Routing Switch 45501-PWR with 48 10/100 ports, HiStack ports and RPS connector. Inc. Base Software License & 46cm stack cable. [RoHS compliant] (N America power cord)	Lifetime warranty included in purchase price		1,385.00	0.00	0.00
0	2.4.4.49		TNW-030-0230	Avaya	AL4500E12-E6	Ethernet Routing Switch 4526G1X-PWR with 24 10/100/1000 802.3af PoE ports and 4 shared SFP ports, plus 2 10GE XFP slots, HiStack ports and RPS connector. Inc. Base Software License & 46cm stack cable. [RoHS compliant] (N America power cord)	Lifetime warranty included in purchase price		1,850.00	0.00	0.00
0	2.4.4.49		TNW-030-0240	Avaya	AL4500E16-E6	Ethernet Routing Switch 4548G1-PWR with 48 10/100/1000 802.3af PoE ports and 4 SFP ports, plus HiStack ports and RPS connector. Inc. Base Software License & 46cm stack cable. [RoHS compliant] (N America power cord)	Lifetime warranty included in purchase price		2,455.00	0.00	0.00
0	2.4.4.49		TNW-030-0250	Avaya	AL4500E14-E6	<b>Baystack Ethernet Routing Switches 5600</b> Ethernet Routing Switch 56981-FU-PWR with 96 10/100/1000Base-TX, 802.3af PoE ports, 6 shared SFP ports, plus 2 XFP ports, stack ports, and 3 removable power supply slots. Includes 1000w AC-DC removable power supply, Base Software License Kit and 46cm stack cable.	Lifetime warranty included in purchase price		3,245.00	0.00	0.00
0	2.4.4.49		TNW-030-0300	Avaya	AL1001E11-E5	Ethernet Routing Switch 56981-FU with 96 10/100/1000Base-TX ports, 6 shared SFP ports, plus 2 XFP ports, stack ports, and 3 removable power supply slots. Includes 300w AC-DC removable power supply, Base Software License Kit and 46cm stacking cable.	Lifetime warranty included in purchase price		7,065.00	0.00	0.00
0	2.4.4.49		TNW-030-0310	Avaya	AL1001E12-E5	Ethernet Routing Switch 56501-D-PWR with 48 10/100/1000Base-TX, 802.3af ports plus 2 XFP ports, stack ports, and 2 removable power supply slots. Includes 600w AC-DC removable power supply, Base Software License Kit and 46cm stacking cable.	Lifetime warranty included in purchase price		6,125.00	0.00	0.00
0	2.4.4.49		TNW-030-0320	Avaya	AL1001E13-E5	Ethernet Routing Switch 56501-D with 48 10/100/1000Base-TX plus 2 XFP ports, stack ports, and 2 removable power supply slots. Includes 300w AC-DC removable power supply, Base Software License Kit and 46cm stacking cable.	Lifetime warranty included in purchase price		4,175.00	0.00	0.00
0	2.4.4.49		TNW-030-0330	Avaya	AL1001E14-E5	Ethernet Routing Switch 5632FD with 24 SFP ports plus 8 XFP ports, stack ports, and 2 removable power supply slots. Includes 300w AC-DC removable power supply, Base Software License Kit and 46cm stacking cable.	Lifetime warranty included in purchase price		3,705.00	0.00	0.00
0	2.4.4.49		TNW-030-0340	Avaya	AL1001E15-E5	Ethernet Routing Switch 5632FD with 24 SFP ports plus 8 XFP ports, stack ports, and 2 removable power supply slots. Includes 300w AC-DC removable power supply, Base Software License Kit and 46cm stacking cable.	Lifetime warranty included in purchase price		9,265.00	0.00	0.00
0	2.4.4.49		TNW-030-0350	Avaya	AL1905E01-E5	1000w AC-DC power supply for ERS 56981FD-PWR	Lifetime warranty included in purchase price		475.00	0.00	0.00



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0	2.4.4.49		TNW-030-0360	Avaya	AL1905E02-E5	600w AC-DC power supply for ERS 5650TFD-PWR	Lifetime warranty included in purchase price		275.00	0.00	0.00
0	2.4.4.49		TNW-030-0370	Avaya	AL1905E03-E5	300w AC-DC power supply for ERS 5632FD, ERS 5650TD, and ERS 5698TFD	Lifetime warranty included in purchase price		230.00	0.00	0.00
0	2.4.4.49		TNW-030-0380	Avaya	AL2018009-E6	<b>Baystack Cascade Modules</b> BayStack 5500-SRC Cascade Return Cable (3 feet) for BayStack 5510 Ethernet Switches). For the BayStack 5510-48T and BayStack 5510-24T Switches only.	Lifetime warranty included in purchase price		182.00	0.00	0.00
0	2.4.4.49		TNW-030-0390	Avaya	AL2018011-E6	5500-SSC Stacking Cable (1.5 feet). For the Ethernet Routing Switch 5510-48T, 5510-24T, 5520-48T-PWR, 5520-24T-PWR, and 5530-24TFD only.	Lifetime warranty included in purchase price		121.00	0.00	0.00
0	2.4.4.49		TNW-030-0400	Avaya	AL4518003-E6	4500-SSC HiStack Stacking Cable 3m (10ft) for Ethernet Routing Switch 4500 series (spare or for use as return cable for resiliency). [RoHS compliant].	Lifetime warranty included in purchase price		160.00	0.00	0.00
0	2.4.4.49		TNW-030-0410	Avaya	AL4518004-E6	4500-SSC HiStack Stacking Cable 5m (16.4ft) for Ethernet Routing Switch 4500 series (spare or for use as return cable for resiliency). [RoHS compliant].	Lifetime warranty included in purchase price		184.00	0.00	0.00
0	2.4.4.49		TNW-030-0420	Avaya	AL2018024-E6	ERS 5600 46cm (1.5 foot) Stacking Cable	Lifetime warranty included in purchase price		170.00	0.00	0.00
0	2.4.4.49		TNW-030-0430	Avaya	AL2018025-E6	ERS 5600 91cm (3 foot) Stacking Cable	Lifetime warranty included in purchase price		185.00	0.00	0.00
0	2.4.4.49		TNW-030-0440	Avaya	AL2018026-E6	ERS 5600 3m (10 foot) Stacking Cable	Lifetime warranty included in purchase price		215.00	0.00	0.00
0	2.4.4.49		TNW-030-0450	Avaya	AL2018027-E6	ERS 5600 5m (16.4 foot) Stacking Cable	Lifetime warranty included in purchase price		245.00	0.00	0.00
0	2.4.4.49		TNW-030-0500	Avaya	AA1419048-E6	<b>GBIC Fiber Lasers for Baystack, Passport 16xx</b> 1-port 1000Base-SX Small Form Factor Pluggable GBIC (mini-GBIC, connector type: LC).	Lifetime warranty included in purchase price		240.00	0.00	0.00
0	2.4.4.49		TNW-030-0510	Avaya	AA1419001-e5	1-port 1000Base-SX Small Form Factor Pluggable GBIC (mini-GBIC, connector type: MT-RJ).	Lifetime warranty included in purchase price		245.00	0.00	0.00
0	2.4.4.49		TNW-030-0520	Avaya	AA1419002-E5	1-port 1000Base-LX Small Form Factor Pluggable GBIC (mini-GBIC, connector type: LC).	Lifetime warranty included in purchase price		482.00	0.00	0.00
0	2.4.4.49		TNW-030-0530	Avaya	AA1419069-E6	1-port 1000Base-BX Small Form Factor Pluggable GBIC (mini-GBIC, connector type: LC) - 1490nm Wavelength. Must be paired with AA1419070 Allows for Full Duplex gigabit across single strand of fiber.	Lifetime warranty included in purchase price		460.00	0.00	0.00
0	2.4.4.49		TNW-030-0540	Avaya	AA1419070-E6	1-port 1000Base-BX Small Form Factor Pluggable GBIC (mini-GBIC, connector type: LC) - 1490nm Wavelength. Must be paired with AA1419069 Allows for Full Duplex gigabit across single strand of fiber.	Lifetime warranty included in purchase price		461.00	0.00	0.00
0	2.4.4.49		TNW-030-0550	Avaya	AA1419033-E5	1-port 1000BaseCWDM Small Form Factor Pluggable GBIC (mini-GBIC, connector type: LC) - 1470nm Wavelength, 70km.	Lifetime warranty included in purchase price		1,505.00	0.00	0.00
0	2.4.4.49		TNW-030-0560	Avaya	AA1419034-E5	1-port 1000BaseCWDM Small Form Factor Pluggable GBIC (mini-GBIC, connector type: LC) - 1490nm Wavelength, 70km.	Lifetime warranty included in purchase price		1,505.05	0.00	0.00
0	2.4.4.49		TNW-030-0570	Avaya	AA1419035-E5	1-port 1000BaseCWDM Small Form Factor Pluggable GBIC (mini-GBIC, connector type: LC) - 1510nm Wavelength, 70km.	Lifetime warranty included in purchase price		1,505.10	0.00	0.00
0	2.4.4.49		TNW-030-0580	Avaya	AA1419036-E5	1-port 1000BaseCWDM Small Form Factor Pluggable GBIC (mini-GBIC, connector type: LC) - 1530nm Wavelength, 70km.	Lifetime warranty included in purchase price		1,505.15	0.00	0.00
0	2.4.4.49		TNW-030-0590	Avaya	AA1419037-E5	1-port 1000BaseCWDM Small Form Factor Pluggable GBIC (mini-GBIC, connector type: LC) - 1550nm Wavelength, 70km.	Lifetime warranty included in purchase price		1,505.20	0.00	0.00
0	2.4.4.49		TNW-030-0600	Avaya	AA1419038-E5	1-port 1000BaseCWDM Small Form Factor Pluggable GBIC (mini-GBIC, connector type: LC) - 1570nm Wavelength, 70km.	Lifetime warranty included in purchase price		1,505.25	0.00	0.00
0	2.4.4.49		TNW-030-0610	Avaya	AA1419039-E5	1-port 1000BaseCWDM Small Form Factor Pluggable GBIC (mini-GBIC, connector type: LC) - 1590nm Wavelength, 70km.	Lifetime warranty included in purchase price		1,505.30	0.00	0.00
0	2.4.4.49		TNW-030-0620	Avaya	AA1419040-E5	1-port 1000BaseCWDM Small Form Factor Pluggable GBIC (mini-GBIC, connector type: LC) - 1610nm Wavelength, 70km.	Lifetime warranty included in purchase price		1,505.35	0.00	0.00



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0	2.4.4.49					<b>10 Gigabit Fiber Lasers for Baystack, Passport 16xx and Passport 8600</b> 1-port 10GBase-LR/LW XFP. LAN/WAN functionality based on port configuration/capability. Supports single-mode fiber for interconnects up to 10km.	Lifetime warranty included in purchase price				
0	2.4.4.49		TNW-030-0630	Avaya	AA1403001-E5	1-port 10GBase-ER/EW XFP. LAN/WAN functionality based on port configuration/capability. Supports single-mode fiber for interconnects up to 40km.	Lifetime warranty included in purchase price		1,375.00	0.00	0.00
0	2.4.4.49		TNW-030-0640	Avaya	AA1403003-E5	1-port 10GBase-SR XFP. Supports high modal bandwidth MMF (i.e. 50um, 2000MHz km) for interconnects up to 300m. Core 62.5um fiber also supported. Please refer to documentation for fiber loss budgets.	Lifetime warranty included in purchase price		3,675.00	0.00	0.00
0	2.4.4.49		TNW-030-0650	Avaya	AA1403005-E5	<b>Gigabit Copper GBICs for Baystack, Passport</b> 1-port 1000Base-T Gigabit Interface Converter (GBIC), 8-pin modular connector (RJ-45) for BayStack products only.	Lifetime warranty included in purchase price		963.00	0.00	0.00
0	2.4.4.49		TNW-030-0660	Avaya	AA1419042-E5	1-port 1000Base-T Small Form Pluggable (SFP), 8-pin modular connector (RJ-45).	Lifetime warranty included in purchase price		205.00	0.00	0.00
0	2.4.4.49		TNW-030-0660	Avaya	AA1419043-E6	1-port 1000Base-T Gigabit Interface Converter (GBIC), 8-pin modular connector (RJ-45).	Lifetime warranty included in purchase price		190.00	0.00	0.00
0	2.4.4.49		TNW-030-0670	Avaya	AA1419041-E5	<b>Switch Fabrics</b> Ethernet Routing Switch 83953S- CPU/Switch Fabric module with 256MB CPU Memory and with 8 Gigabit Ethernet SFP slots - One required per Ethernet Routing Switch 8300 chassis. Note: includes PCMCIA flash memory card.	Lifetime warranty included in purchase price		190.05	0.00	0.00
0	2.4.4.49		TNW-030-0680	Avaya	DS1404118-E5	<b>Routing Switch Modules</b> Ethernet Routing Switch 8348TX module, 48 port autosensing 10BASE-T/100BASE-TX Ethernet interface module.	Lifetime warranty included in purchase price		5,790.00	0.00	0.00
0	2.4.4.49		TNW-030-0700	Avaya	DS1404077-E5	Ethernet Routing Switch 8348GT module, 48 port autosensing 10BASE-T/100BASE-TX/1000Base-T Ethernet interface module.	Lifetime warranty included in purchase price		2,145.00	0.00	0.00
0	2.4.4.49		TNW-030-0710	Avaya	DS1404078-E5	Ethernet Routing Switch 8348TX-PWR Module, 48 port autosensing 10BASE-T/100BASE-TX module with Power over Ethernet (PoE) support on all ports.	Lifetime warranty included in purchase price		2,869.00	0.00	0.00
0	2.4.4.49		TNW-030-0720	Avaya	DS1404079-E5	Ethernet Routing Switch 8324GT module, 24 port Autosensing 10Base-T/100Base-TX/1000Base-T Ethernet interface module.	Lifetime warranty included in purchase price		2,870.00	0.00	0.00
0	2.4.4.49		TNW-030-0730	Avaya	DS1404093-E5	Ethernet Routing Switch 8348GT module, 48 port Autosensing 10Base-T/100Base-TX/1000Base-T Ethernet interface module.	Lifetime warranty included in purchase price		2,894.00	0.00	0.00
0	2.4.4.49		TNW-030-0740	Avaya	DS1404094-E5	port 10Base-T/100Base-TX/1000Base-T interface module with Power over Ethernet (PoE) support on all interface module.	Lifetime warranty included in purchase price		3,615.00	0.00	0.00
0	2.4.4.49		TNW-030-0750	Avaya	DS1404095-E5	Ethernet Routing Switch 8348GB module, 48 port SFP interface module.	Lifetime warranty included in purchase price		8,685.00	0.00	0.00
0	2.4.4.49					<b>Chassis</b> 8306 6 slot PoE chassis. Includes chassis, dual backplane, fan tray, RS232 cable for management console, rack mount kit, and cable guide kit. Requires at least one 83XX power supply up to three power supplies supported.	Lifetime warranty included in purchase price		2,410.00	0.00	0.00
0	2.4.4.49					8310 10 slot PoE chassis. Includes chassis, dual backplane, two fan trays, RS232 cable for management console, rack mount kit, and cable guide kit. Requires at least one 83XX power supply up to three power supplies supported.	Lifetime warranty included in purchase price		2,410.25	0.00	0.00
0	2.4.4.49					<b>Power Cord/Power Supply</b> 8301AC 100-240 VAC Power Supply. At least one power supply required per 83xx chassis. (Power Cord ordered separately). Provides up to 800W of PoE.	Lifetime warranty included in purchase price		962.00	0.00	0.00
0	2.4.4.49					8302AC 100-240 VAC Power Supply. At least one power supply required per 83xx chassis. (Includes North American power cord)	Lifetime warranty included in purchase price		963.00	0.00	0.00



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0	2.4.4.49		TNW-030-0800	Avaya	DS1412015-E5	Ethernet Routing Switch 8606 6 slot 4-X Chassis Bundle. Includes one 8006 chassis, one 8005AC power supply, one and Routing Software License and one 8692SF Switch Fabric/CPU to enable redundant terabit core configurations. (order power cord separately).	Lifetime warranty included in purchase price		16,995.00	0.00	0.00
0	2.4.4.49		TNW-030-0810	Avaya	DS1412016-E5	Ethernet Routing Switch 8610 10 slot 4-X Chassis Bundle. Includes one 8610 chassis, one 8005AC power supply, one Routing Software License and one 8692SF Switch Fabric/CPU to enable redundant terabit core configurations. (order power cord separately).	Lifetime warranty included in purchase price		17,995.00	0.00	0.00
<b>Switch Fabrics</b>											
0	2.4.4.49		TNW-030-0820	Avaya	DS1404065-E5	Passport Ethernet Routing Switch 8692SF Switch Fabric/CPU to enable redundant terabit core configurations. One required with R Modules, 2nd for load-sharing and redundancy. Operable with pre-E, E and M modules. Includes 256MB SDRAM and 64MB PCVIA. Requires at least one 83XX Power supply. Up to three power supplies can be supported.	Lifetime warranty included in purchase price		10,085.00	0.00	0.00
0	2.4.4.49		TNW-030-0830	Avaya	DS1404120-E5	Ethernet Routing Switch 8695SF Switch Fabric/CPU to enable redundant terabit core configurations. One required with RRS Modules, 2nd for load-sharing and redundancy. Operable with RRS modules. Includes 1GB SDRAM and 2GB Compact Flash. Requires 7.0	Lifetime warranty included in purchase price		12,065.00	0.00	0.00
<b>Routing Switch Modules</b>											
0	2.4.4.49		TNW-030-0840	Avaya	DS1404063-E5	8630GBR Routing Switch Module, 30 port SFP GBIC baseboard. (SFPs sold separately). The 8630GBR requires the use of the 8692SF.	Lifetime warranty included in purchase price		13,510.00	0.00	0.00
0	2.4.4.49		TNW-030-0850	Avaya	DS1404110-E6	8648GTRS Routing Switch Module, 48 port autosensing 10BASE-T/100BASE-TX/1000Base-T Ethernet Layer 3 switching interfaces. The 8648GTRS is operable with the 8692SF only and requires CMHS fan trays.	Lifetime warranty included in purchase price		9,650.00	0.00	0.00
0	2.4.4.49		TNW-030-0860	Avaya	DS1404102-E6	8648GBRS Routing Switch Module, 48 port SFP (inc 100FX support) baseboard. (SFPs sold separately). The 8648GBRS requires the use of the 8692SF.	Lifetime warranty included in purchase price		13,511.00	0.00	0.00
0	2.4.4.49		TNW-030-0870	Avaya	DS1404097-E6	8612XLRs 12-port 10GBase-X XFP Routing Switch Module baseboard (XFPs purchased separately). The 8612XLRs requires the use of the 8692SF and requires CMHS fan trays.	Lifetime warranty included in purchase price		21,715.00	0.00	0.00
0	2.4.4.49		TNW-030-0880	Avaya	DS1404109-E6	8634XGRS Routing Switch Module, Combination module with 2 port 10GBase-X XFP, 24 port SFP (inc 100FX support) and 8 port autosensing 10BASE-T/100BASE-TX/1000Base-T baseboard (XFPs and SFPs purchased separately). The 8634XGRS requires the use of the 8692SF and requires CMHS fan trays. Spare 8010CMHS fan tray for 8010 chassis. Required for use with ERS8600 "RS" series modules and MERS8600 "RC" series module. 8010 chassis uses 2 x DS1411017-E6.	Lifetime warranty included in purchase price		14,475.00	0.00	0.00
0	2.4.4.49		TNW-030-0890	Avaya	DS1411017-E6	Spare 8006CMHS fan tray for 8006 chassis. Required for use with ERS8600 "RS" series modules and MERS8600 "RC" series modules. 8006 chassis uses 1 x DS1411018-E6.	Lifetime warranty included in purchase price		655.00	0.00	0.00
0	2.4.4.49		TNW-030-0895	Avaya	DS1411018-E6	Chassis	Lifetime warranty included in purchase price		655.00	0.00	0.00
<b>Power Cord/Power Supply</b>											
0	2.4.4.49		TNW-030-0900	Avaya	DS1402001-E5	8010 10 slot chassis. Includes chassis, dual backplane, two fan trays, RS232 cable for management console, rack mount kit, and cable guide kit. Requires at least one power supply up to three power supplies supported.	Lifetime warranty included in purchase price		4,030.00	0.00	0.00
0	2.4.4.49		TNW-030-0910	Avaya	DS1402002-E5	8006 6 slot chassis. Includes chassis, dual backplane, fan tray, RS232 cable for management console, rack mount kit, and cable guide kit. Requires at least one power supply up to three power supplies supported. 8006R - 3 slot chassis, supports one 8692SF or 8695SF, two I/O module slots (RRS modules only), and two power supplies (8005).	Lifetime warranty included in purchase price		3,020.00	0.00	0.00
0	2.4.4.49		TNW-030-0920	Avaya	DS1402011-E5	8695SF, two I/O module slots (RRS modules only), and two power supplies (8005).	Lifetime warranty included in purchase price		2,410.00	0.00	0.00







Qty	RFP item	RFP Description	TFS item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0	2.4.4.49		TNW-030-1080	Avaya	DR4011016-7.0	WIRELESS MANAGEMENT SOFTWARE UPGRADE (Rel 7.0) - AB (FROM 50-250 ACCESS POINT) UPGRADE. Customer needs to or previously have purchased DR4010001.	Lifetime warranty included in purchase price		5,156.00	0.00	0.00
0	2.4.4.49		TNW-030-1090	Avaya	DR4011017-7.0	WIRELESS MANAGEMENT SOFTWARE UPGRADE (Rel 7.0) - AC (FROM 50- 1000 ACCESS POINT) UPGRADE. Customer needs to or previously have purchased DR4010001.	Lifetime warranty included in purchase price		10,995.00	0.00	0.00
0	2.4.4.49		TNW-030-1100	Avaya	DR4011018-7.0	WIRELESS MANAGEMENT SOFTWARE UPGRADE (Rel 7.0)- BC (FROM 250 - 1000 ACCESS POINT) UPGRADE. Customer needs to or previously have purchased DR4010001.	Lifetime warranty included in purchase price		6,185.00	0.00	0.00
0	2.4.4.49		TNW-030-1110	Avaya	DR4011015-7.0	WLAN MANAGEMENT SOFTWARE PLANNING TOOL - Floor plan importing, analytical site survey, configuration specification and work order generation.	Lifetime warranty included in purchase price		4,125.00	0.00	0.00
0	2.4.4.49					<b>WLAN 8100</b>					
0	2.4.4.49		TNW-030-1120	Avaya	WL81WCE81E5	WC-8180 - WLAN Controller - 2x10GigE (XFP) and 12x10/100/1000 Base-T (RJ-45) and 12x GigE (SFP) ports. Includes initiation license for 64 AP's. Can support up to 512 AP's (256 in 1st RIs) via AP upgrade licenses. Optional XFP/SFP & Redundant 300W PSU.	Lifetime warranty included in purchase price		13,755.00	0.00	0.00
0	2.4.4.49		TNW-030-1130	Avaya	WL81LC064	64 AP upgrade license for WC-8180	Lifetime warranty included in purchase price		4,185.00	0.00	0.00
0	2.4.4.49		TNW-030-1140	Avaya	WL81LC128	128 AP upgrade license for WC-8180	Lifetime warranty included in purchase price		7,045.00	0.00	0.00
0	2.4.4.49		TNW-030-1150	Avaya	WL81WCE16E5	WC-8180-16L - WLAN Controller - 2x10GigE (XFP) and 12x10/100/1000 Base-T (RJ-45) and 12x GigE (SFP) ports. Includes initiation license locked at support for 16 AP's with available Key to go to 64 AP's. Optional XFP/SFP & Redundant 300W PSU	Lifetime warranty included in purchase price		4,125.00	0.00	0.00
0	2.4.4.49		TNW-030-1160	Avaya	WL81LULK64	Key to unlock WC-8180-16L to a standard 8180 with 64 AP's (adds 48 AP's)	Lifetime warranty included in purchase price		10,585.00	0.00	0.00
0	2.4.4.49		TNW-030-1170	Avaya	WL81AP200E6	WLAN AP 8120 - 802.11a/b/g/n. Must be used with 8100 series controller. Indoor. Dual radios. Single PoE ETH Port support, 3 Internal Antenna MIMO, 2 Spatial Streams, Global Availability, Phased Introduction	Lifetime warranty included in purchase price		752.00	0.00	0.00
0	2.4.4.49		TNW-030-1180	Avaya	WL81MG000-1.0	WLAN 8100 MANAGEMENT SYSTEM (REL 1.0) - Base Mgmt SW with support for 64 AP's (upgradable to 2000 AP's in first release) for use with 81xx Access Point: Element Management, RF Mapping, Location, Rogue AP Protection Monitoring and Reporting	Lifetime warranty included in purchase price		3,435.00	0.00	0.00
0	2.4.4.49		TNW-030-1190	Avaya	WL81MG064	WIRELESS 8100 MANAGEMENT SOFTWARE UPGRADE (Rel 1.0) - 64 AP UPGRADE. Customer needs to or previously have purchased base Mgmt SW WL81MG000-x.x	Lifetime warranty included in purchase price		2,745.00	0.00	0.00
0	2.4.4.49		TNW-030-1200	Avaya	WL81MG128	WIRELESS 8100 MANAGEMENT SOFTWARE UPGRADE (Rel 1.0) - 128 AP UPGRADE. Customer needs to or previously have purchased base Mgmt SW WL81MG000-x.x	Lifetime warranty included in purchase price		4,125.00	0.00	0.00
0	2.4.4.49		TNW-030-1210	Avaya	WL81MG256	WIRELESS 8100 MANAGEMENT SOFTWARE UPGRADE (Rel 1.0) - 256 AP UPGRADE. Customer needs to or previously have purchased base Mgmt SW WL81MG000-x.x	Lifetime warranty included in purchase price		6,875.00	0.00	0.00
0	2.4.4.52		TNW-040-0100	APC	SMT750RM2U	<b>Rack Mount UPS</b>					
0			TNW-040-0110	APC	SMT1000RM2U	APC Smart-ups 750VA LCD RM 2U 120V	3 Year		375.00	0.00	0.00
0			TNW-040-0120	APC	SMT1500RM2U	APC Smart-UPS 1000VA LCD RM 2U 120V	3 Year		485.00	0.00	0.00
0			TNW-040-0130	APC	SMT2200RM2U	APC Smart-UPS 1500VA LCD RM 2U 120V	3 Year		622.00	0.00	0.00
0			TNW-040-0140	APC	SMT3000RM2U	APC Smart-UPS 2000VA LCD RM 2U 120V	3 Year		942.00	0.00	0.00
0						<b>Copper cabling</b>					
0	2.4.4.53					Note: Installation of drop includes providing plenum rated cable. Category appropriate jacks/patch panels, wall track (Up to 12 ft. with fittings as needed), boxes, faceplates. Installation of these materials with testing, labeling and certification.				0.00	0.00



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
						<b>Category 5E Cabling Drops - IF THE TOTAL OF DROPS IS &gt; 30 OF ANY COMBINATION, USE THE DISCOUNTED DROP PRICING</b>					
0			TCA-010-0100		CAT5/single drop	Install Single Cat5E Cabling Drop to Faceplate 200H Cat5E UTP-6ft Track-RJ45 Jack+Faceplate+Drop Ceiling Adapter-Blank (minimum 2 drops per school)			240.00	0.00	0.00
0			TCA-010-0110		CAT5/dual drop	Install Double Cat5E Cabling Drop to Faceplate 400H Cat5E UTP-6ft Track-2RJ45 Jack+Faceplate+Drop Ceiling Adapter-Blank			470.00	0.00	0.00
0			TCA-010-0120		CAT5/triple drop	Install Triple Cat5E Cabling Drop to Faceplate 600H Cat5E UTP-6ft Track-3RJ45 Jack+Faceplate+Drop Ceiling Adapter-Blank			672.00	0.00	0.00
0			TCA-010-0130		CAT5/Quad drop	Install Quad Cat5E Cabling Drop to Faceplate 800H Cat5E UTP-6ft Track-4RJ45 Jack+Faceplate+Drop Ceiling Adapter			872.00	0.00	0.00
0			TCA-010-0140		CAT5 disc for >30	Category 5E Cabling Drop (Price/Drop Over 30)			216.00	0.00	0.00
0			TCA-010-0150		CAT5 disc for >100	Category 5E Cabling Drop (Price/Drop Over 100)			214.00	0.00	0.00
0			TCA-010-0160		CAT5 disc for >200	Category 5E Cabling Drop (Price/Drop Over 200)			212.00	0.00	0.00
					See Below	<b>Category 6 Cabling Drops - IF THE TOTAL OF DROPS IS &gt; 30 OF ANY COMBINATION, USE THE DISCOUNTED DROP PRICING</b>					
0			TCA-010-0200		CAT6/single drop	Install Single Cat6 Cabling Drop to Faceplate 200H Cat6E UTP-6ft Track-RJ45 Jack+Faceplate+Drop Ceiling Adapter-Blank (minimum 2 drops per school)			264.00	0.00	0.00
0			TCA-010-0210		CAT6/dual drop	Install Double Cat6 Cabling Drop to Faceplate 400H Cat6E UTP-6ft Track-2RJ45 Jack+Faceplate+Drop Ceiling Adapter			518.00	0.00	0.00
0			TCA-010-0220		CAT6/triple drop	Install Triple Cat6 Cabling Drop to Faceplate 600H Cat6E UTP-6ft Track-3RJ45 Jack+Faceplate+Drop Ceiling Adapter			744.00	0.00	0.00
0			TCA-010-0230		CAT6/Quad drop	Install Quad Cat6 Cabling Drop to Faceplate 800H Cat6E UTP-6ft Track-4RJ45 Jack+Faceplate+Drop Ceiling Adapter			968.00	0.00	0.00
0	2.4.4.58	Cat6 drops	see below			Category 6 Cabling Drop (Price/Drop Over 30)			240.00	0.00	0.00
0			TCA-010-0240		CAT6 disc for >30	Category 6 Cabling Drop (Price/Drop Over 100)			238.00	0.00	0.00
0			TCA-010-0250								
500	2.4.4.58	IBM assumes 2 schools of 250 drops. Price only includes DROPS.	TCA-010-0260		CAT6 disc for >200	Category 6 Cabling Drop (Price/Drop Over 200)			236.00	118,000.00	118,000.00
						<b>Category 10G cabling Drops - IF THE TOTAL OF DROPS IS &gt; 30 OF ANY COMBINATION, USE THE DISCOUNTED DROP PRICING</b>					
0			TCA-010-0300			Install Single 10G Cabling Drop to Faceplate 200H 10GCat6E UTP-6ft Track-RJ45 Jack+Faceplate+Drop Ceiling Adapter-Blank			358.00	0.00	0.00
0			TCA-010-0310			Install Double 10G Cabling Drop to Faceplate 400H 10GCat6E UTP-6ft Track-2RJ45 Jack+Faceplate+Drop Ceiling Adapter-Blank			695.00	0.00	0.00
0			TCA-010-0320			Install Triple 10G Cabling Drop to Faceplate 600H 10GCat6E UTP-6ft Track-3RJ45 Jack+Faceplate+Drop Ceiling Adapter-Blank			970.00	0.00	0.00
0			TCA-010-0330			Install Quad 10G Cabling Drop to Faceplate 800H 10GCat6E UTP-6ft Track-4RJ45 Jack+Faceplate+Drop Ceiling Adapter-Blank			1,315.00	0.00	0.00
0			TCA-010-0340		CAT10g disc for >30	10G Category 6 Cabling Drop (Price/Drop Over 30)			326.00	0.00	0.00
0			TCA-010-0350		CAT10g disc for >100	10G Category 6 Cabling Drop (Price/Drop Over 100)			324.00	0.00	0.00
0			TCA-010-0360		CAT10g disc for >200	10G Category 6 Cabling Drop (Price/Drop Over 200)			322.00	0.00	0.00
						<b>Other cabling services</b>					
0			TCA-010-0390			Re-terminate/reat/Centify Existing Category 5/6E Cabling Drop			60.00	0.00	0.00
0			TCA-010-0400			Provide/install 12 Port Category 5E Patch Panel			145.00	0.00	0.00
0			TCA-010-0410			Provide/install 24 Port Category 5E Patch Panel			196.00	0.00	0.00
0			TCA-010-0420			Provide/install 48 Port Category 5E Patch Panel			345.00	0.00	0.00
0			TCA-010-0500			Provide/install 12 Port Category 6 Patch Panel			150.00	0.00	0.00
0			TCA-010-0510			Provide/install 24 Port Category 6 Patch Panel			190.00	0.00	0.00
0			TCA-010-0520			Provide/install 48 Port Category 6 Patch Panel			340.00	0.00	0.00
0			TCA-010-0600			Provide/install 24 Port Augmented Category 6 Patch Panel			345.00	0.00	0.00
0			TCA-010-0610			Provide/install 48 Port Augmented Category 6 Patch Panel			635.00	0.00	0.00
						<b>Fiber Cabling:</b>					



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
100	2.4.4.59	Fiber cabling - IBM is only pricing the cost per foot. No other costs included	TCA-020-0100			Note: Installation of drop includes providing fiber optic cable and connectors. Installation of these materials includes testing, labeling and certification.					
0			TCA-020-0110		Price per Foot	Install/Terminate/Test Fiber Optic Cabling (6 Strand, Plenum, 50um) SC/ST Connectors Price Per Foot			5.10	510.00	510.00
0			TCA-020-0120		Price per Foot	Install/Terminate/Test Fiber Optic Cabling (12 Strand, Plenum, 50um) SC/ST Connectors Price Per Foot			7.65	0.00	0.00
0			TCA-020-0130		Price per 50 ft	Install/Terminate/Test Fiber Optic Cabling (6 Strand, Outside Buried, 50um) SC/ST Connectors/50ft			975.00	0.00	0.00
0			TCA-020-0140		Price per 50 ft	Install/Terminate/Test Fiber Optic Cabling (6 Strand, Outside Aerial, 50um) SC/ST Connectors/50ft			855.00	0.00	0.00
0			TCA-020-0150			Install Wall Mount Fiber Distribution Panel (Up to 12 Fibers)			186.00	0.00	0.00
0			TCA-020-0160			Install Wall Mount Fiber Distribution Panel (Up to 24 Fibers)			289.00	0.00	0.00
0						Install 1" Plenum Rated Innerduct for Fiber Optic Backbones/ft			6.15	0.00	0.00
<b>Copper Patch Cables:</b>											
<b>Cat 5 Copper Patch Cables</b>											
0			TCA-010-0700			3ft Category 5E Patch Cable (RJ45-RJ45)			2.30	0.00	0.00
0			TCA-010-0710			5ft Category 5E Patch Cable (RJ45-RJ45)			3.00	0.00	0.00
0			TCA-010-0720			7ft Category 5E Patch Cable (RJ45-RJ45)			3.75	0.00	0.00
0			TCA-010-0730			10ft Category 5E Patch Cable (RJ45-RJ45)			5.25	0.00	0.00
0			TCA-010-0740			15ft Category 5E Patch Cable (RJ45-RJ45)			7.25	0.00	0.00
0			TCA-010-0750			25ft Category 5E Patch Cable (RJ45-RJ45)			11.50	0.00	0.00
<b>Cat 6 Copper Patch Cables</b>											
0			TCA-010-0800			3ft Category 6 Patch Cable (RJ45-RJ45)			4.65	0.00	0.00
0			TCA-010-0810			5ft Category 6 Patch Cable (RJ45-RJ45)			6.00	0.00	0.00
0			TCA-010-0820			7ft Category 6 Patch Cable (RJ45-RJ45)			6.25	750.00	750.00
0			TCA-010-0830			10ft Category 6 Patch Cable (RJ45-RJ45)			7.45	0.00	0.00
0			TCA-010-0840			15ft Category 6 Patch Cable (RJ45-RJ45)			8.00	0.00	0.00
0			TCA-010-0850			25ft Category 6 Patch Cable (RJ45-RJ45)			16.50	0.00	0.00
<b>Cat 10G Copper Patch Cables</b>											
0			TCA-010-0900			3ft 10G Category 6A Patch Cable (RJ45-RJ45)			11.00	0.00	0.00
0			TCA-010-0910			5ft 10G Category 6A Patch Cable (RJ45-RJ45)			15.50	0.00	0.00
0			TCA-010-0920			7ft 10G Category 6A Patch Cable (RJ45-RJ45)			18.50	0.00	0.00
0			TCA-010-0930			10ft 10G Category 6A Patch Cable (RJ45-RJ45)			22.50	0.00	0.00
0			TCA-010-0940			15ft 10G Category 6A Patch Cable (RJ45-RJ45)			28.00	0.00	0.00
0			TCA-010-0950			25ft 10G Category 6A Patch Cable (RJ45-RJ45)			39.00	0.00	0.00
<b>Fiber Patch Cables:</b>											
0			TCA-020-0200			2 Meter 50um ST-LC Fiber Patch Cable			35.00	0.00	0.00
0			TCA-020-0210			2 Meter 50um SC-LC Fiber Patch Cable			41.80	0.00	0.00
0			TCA-020-0220			2 Meter 62.5 SC-LC Fiber Optic Patch Cable			40.80	0.00	0.00
0			TCA-020-0230			2 Meter 62.5 SC-ST Fiber Optic Patch Cable			26.50	0.00	0.00
0			TCA-020-0240			2 Meter 62.5 SC-MTRJ Fiber Optic Patch Cable			25.25	0.00	0.00
0			TCA-020-0250			2 Meter 62.5 ST-LC Fiber Optic Patch Cable			32.00	0.00	0.00
0			TCA-020-0260			2 Meter 62.5 ST-MTRJ Fiber Optic Patch Cable			20.75	0.00	0.00
0			TCA-020-0270			2 Meter 62.5 ST-ST Fiber Optic Patch Cable			24.95	0.00	0.00
<b>Equipment Racks, Cabinets and Components:</b>											
0			TCA-020-0300			Install Wall Mount Equipment Rack (19" x 20" Swing Gate)			285.00	0.00	0.00
0			TCA-020-0310			Install Wall Mount Equipment Rack (19" x 35" Swing Gate)			315.00	0.00	0.00
0			TCA-020-0320			Install Wall Mount Cabinet (20" x 24" Black w/Smoked Glass Door)			560.00	0.00	0.00
0			TCA-020-0330			Install Wall Mount Cabinet (20" x 48" Black w/Smoked Glass Door)			790.00	0.00	0.00
0			TCA-020-0340			Install Floor Mount Equipment Rack (19" x 36" x 84")			215.00	0.00	0.00
0			TCA-020-0350			Install Floor Mount Open Equipment Frame (19" x 36" x 84")			550.00	0.00	0.00
0			TCA-020-0360			Install Wall Mount Equipment Shelf (19" x 12" Ventloc)			98.00	0.00	0.00
0			TCA-020-0370			Install Horizontal Wire Management Panel 1U			48.00	0.00	0.00
0			TCA-020-0380			Install Horizontal Wire Management Panel 2U			58.00	0.00	0.00
0			TCA-020-0390			Install Vertical Wire Management Panel			135.00	0.00	0.00



Qty	RFP item	RFP Description	TFS item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0			TCA-020-0400			Install Rack Mount Power/Surge Strip			76.00	0.00	0.00
0			TCA-020-0410			Install Wireless Access Point			25.00	0.00	0.00
0			TCA-020-0420			Install Wireless Access Point - Protective Cage			74.00	0.00	0.00
0			TCA-020-0430			Install Flame Retardant Backboard (4' x 3' x 3/4")			156.00	0.00	0.00
0			TCA-020-0500			<b>Miscellaneous Cabling Items:</b>					
0			TCA-020-0510			Unit Price to Provide 1-2' Core Bore with Sleeve			180.00	0.00	0.00
0			TCA-020-0520			Install 1" x 10ft EMT Conduit			123.00	0.00	0.00
0			TCA-020-0530			Install 4" x 4" Box w/Bushing & Wall Penetration for 1" EMT			78.00	0.00	0.00
0			TCA-020-0540			Install 6" x 6" Box w/Bushing & Wall Penetration for 1" EMT			82.00	0.00	0.00
0			TCA-020-0550			Install 2" x 10ft EMT Conduit			164.00	0.00	0.00
0			TCA-020-0560			Install 6" x 6" Box w/Bushing & Wall Penetration for 2" EMT			82.00	0.00	0.00
0			TCA-020-0570			Install 6" x 10ft Ladder Tray (Open Ceiling)			458.00	0.00	0.00
0			TCA-020-0580			Install 6" x 10ft Ladder Tray (Drop Ceiling)			575.00	0.00	0.00
0			TCA-020-0590			Install 12" x 10ft Ladder Tray (Drop Ceiling)			530.00	0.00	0.00
0			TCA-020-0600			Install 12" x 10ft Ladder Tray (Drop Ceiling)			625.00	0.00	0.00
0						Install 10-12ft Telecom Pole (Dual Chamber)			252.00	0.00	0.00
0						<b>CISCO Wireless</b>					
350	2.4.4.65.1		TWI-020-0100	CISCO	AIR-LAP1142N-A-K9	<b>1140 Series Access Points - Dual Band</b> 802.11a/g/n Fixed Unified AP; Int Ant; FCC Cig			788.00	275,800.00	275,800.00
0			TWI-020-0120	CISCO	AIR-BR1310G-A-K9	<b>1310 Series Access Points and Bridges</b> Arionet 1310 Outdoor AP/Br w/ Integrated Antenna, FCC Certif.			635.00	0.00	0.00
0			TWI-020-0160	CISCO	AIR-LAP1242AG-A-K9	<b>1200 Series Access Points</b> 802.11a/g LWAPP AP Dual 2.4-5GHz RP-TNC FCC Certif.			452.00	0.00	0.00
0			TWI-020-0170	CISCO	AIR-AP1242AG-A-K9	802.11a/g Non-modular IOS AP; RP-TNC; FCC Orig			456.00	0.00	0.00
0			TWI-020-0200	CISCO	AIR-AP1252AG-A-K9	802.11a/g/n-d2.0 2.4/5-GHz Mod Auto AP; 6 RP-TNC; FCC			651.00	0.00	0.00
0			TWI-020-0220	CISCO	AIR-LAP1252AG-A-K9	802.11a/g/n-d2.0 2.4/5-GHz Mod Unified AP; 6 RP-TNC; FCC			651.00	0.00	0.00
0			TWI-020-0340	CISCO	AIR-PWRINJ3	<b>Power Options</b> Power Injector for 1130AG, 1200 1230AG, 1240AG Series			15.00	0.00	0.00
0			TWI-020-0380	CISCO	AIR-PWRINL4=	Power Injector - 1250 Series; Spare			68.00	0.00	0.00
0			TWI-020-0430	CISCO	AIR-CONCAB1200=	<b>Access Point and Bridge Accessories</b> Console Cable for 1130AG, 1200, 1230AG, 1240 Platform			5.00	0.00	0.00
0			TWI-020-0440	CISCO	AIR-ACCWAMK1300=	Arionet 1300 Wall Mount Kit			40.00	0.00	0.00
0			TWI-020-0450	CISCO	AIR-ACCRMK1300=	Arionet 1300 Roof Mount Kit			107.00	0.00	0.00
0			TWI-020-0460	CISCO	AIR-AP1130MNTGKIT=	AP1130 Access Point Ceiling/Wall Mount Bracket Kit- spare			13.00	0.00	0.00
0			TWI-020-0470	CISCO	AIR-AP1200MNTGKIT=	1200 Series (Non-AP1242) Ceiling/Wall Mount Bracket Kit- spare			11.00	0.00	0.00
0			TWI-020-0480	CISCO	AIR-AP1242MNTGKIT=	AP1242 Access Point Ceiling/Wall Mount Bracket Kit- spare			13.00	0.00	0.00
0			TWI-020-0490	CISCO	AIR-CAB020DRG6-F=	20 ft Dual RG-6 Cable Assembly w/F-Type Connectors Spare			15.00	0.00	0.00
0			TWI-020-0560	CISCO	AIR-AP1140MNTGKIT=	1140 Series Ceiling, Wall Mount Bracket kit- Spare			22.00	0.00	0.00
0			TWI-020-0570	CISCO	AIR-AP1140RETROKIT=	1140 Mounting kit: Fits AP to 1130 brackets, spare			22.00	0.00	0.00
0			TWI-020-0590	CISCO	AIR-ANT1535D-R	<b>Antennas - 5GHz</b> 5 GHz 3.5 dBi Swivel Dipole Antenna Black, RP-TNC			13.00	0.00	0.00
0			TWI-020-0600	CISCO	AIR-ANT1535DB-R	5 GHz 3.5 dBi Swivel Dipole Antenna Black, RP-TNC			13.00	0.00	0.00
0			TWI-020-0610	CISCO	AIR-ANT1535SDW-R=	5 GHz 3.5 dBi Low Profile Monopole Antenna White, RP-TNC			24.00	0.00	0.00
0			TWI-020-0620	CISCO	AIR-ANT1535DW-R	5 GHz 3.5 dBi Swivel Dipole Antenna White, RP-TNC			17.00	0.00	0.00
0			TWI-020-0630	CISCO	AIR-ANT1535DG-R	5 GHz 3.5 dBi Straight Dipole Antenna Gray, RP-TNC			13.00	0.00	0.00
0			TWI-020-0640	CISCO	AIR-ANT1535DC-R=	5 GHz 3.5 dBi Straight Dipole Antenna Gray, RP-TNC			13.00	0.00	0.00
0			TWI-020-0650	CISCO		<b>Antennas - 2.4GHz</b>					
0			TWI-020-0670	CISCO	AIR-ANT14941	2.4 GHz 2.2 dBi Swivel Dipole Antenna Black, RP-TNC			13.00	0.00	0.00
0			TWI-020-0680	CISCO	AIR-ANT2422DB-R	2.4 GHz 2.2 dBi Swivel Dipole Antenna Black, RP-TNC			13.00	0.00	0.00
0			TWI-020-0690	CISCO	AIR-ANT2422DG-R	2.4 GHz 2.2 dBi Straight Dipole Antenna Gray, RP-TNC			13.00	0.00	0.00



Qty	RFP item	RFP Description	TFS item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0			TWI-020-0700	CISCO	AIR-ANT2422DG-R=	2.4 GHz 2.2 dBi Straight Dipole Antenna Gray, RP-TNC			13.00	0.00	0.00
0			TWI-020-0710	CISCO	AIR-ANT2422DW-R=	2.4 GHz 2.2 dBi Swivel Dipole Antenna White, RP-TNC			17.00	0.00	0.00
0			TWI-020-0720	CISCO	AIR-ANT2422SDW-R=	2.4 GHz 2.2 dBi Low Profile Monopole Antenna White, RP-TNC			24.00	0.00	0.00
0			TWI-020-0740	CISCO	AIR-ACC2537-060	<b>Antenna and Cable Accessories</b> 60 in (1.5m) RP-TNC Ant. Cable w/Mounting Bracket			31.00	0.00	0.00
0			TWI-020-0770	CISCO	AIR-ACC249LA-R	2.4 and 5 GHz Lightning Arrestor, RP-TNC Connector			94.00	0.00	0.00
0			TWI-020-0780	CISCO	AIR-CAB005LL-R	5 ft Low Loss RF cable w/RP-TNC connectors			44.00	0.00	0.00
0			TWI-020-0800	CISCO	AIR-CB21AG-A-K9	802.11a/b/g Cardbus Adapter, FCC Cnlg			75.00	0.00	0.00
0			TWI-020-0810	CISCO	AIR-PI21AG-A-K9	802.11a/b/g Low Profile PCI Adapter, FCC Cnlg			111.00	0.00	0.00
0			TWI-020-0850	CISCO	AIR-CT5508-12-K9	<b>WLAN Controller</b> Cisco 5508 Series Wireless Controller for up to 12 APs			7,505.00	0.00	0.00
0			TWI-020-0860	CISCO	AIR-CT5508-25-K9	Cisco 5508 Series Wireless Controller for up to 25 APs					
20	2.4.4.63.3	Cisco Wireless LAN Controller, no options included	TWI-020-0870	CISCO	AIR-CT5508-50-K9	Cisco 5508 Series Wireless Controller for up to 50 APs			10,910.00	218,200.00	218,200.00
0			TWI-020-0880	CISCO	AIR-CT5508-100-K9	Cisco 5508 Series Wireless Controller for up to 100 APs			15,305.00	0.00	0.00
0			TWI-020-0890	CISCO	AIR-CT5508-250-K9	Cisco 5508 Series Wireless Controller for up to 250 APs			27,180.00	0.00	0.00
0			TWI-020-0900	CISCO	AIR-WLC2106-K9	2100 Series WLAN Controller for up to 6 Lightweight APs			44,130.00	0.00	0.00
0			TWI-020-0910	CISCO	AIR-WLC2112-K9	2100 Series WLAN Controller for up to 12 Lightweight APs			2,225.00	0.00	0.00
0			TWI-020-0920	CISCO	AIR-WLC2125-K9	2100 Series WLAN Controller for up to 25 Lightweight APs			3,275.00	0.00	0.00
0			TWI-020-0940	CISCO	AIR-WCS-WB-1.0-K9	<b>WLAN Management Software</b> Cisco WCS Base v3.0 up to 50 Lightweight AP			6,125.00	0.00	0.00
0			TWI-020-0950	CISCO	AIR-WCS-LB-1.0-K9	Cisco WCS Base v3.0 up to 50 Lightweight APs, Linux RedHat			1,725.00	0.00	0.00
0			TWI-020-0960	CISCO	AIR-WCS-WL-1.0-K9	Cisco WCS w/Location v3.0 up to 50 Lightweight AP			1,726.00	0.00	0.00
0			TWI-020-1000	CISCO	WCS-APBASE-50	W2K/2003			2,689.00	0.00	0.00
0			TWI-020-1010	CISCO	WCS-APBASE-100	Option of WCS-Standard-K9 50 APs. License Only.			1,792.00	0.00	0.00
0			TWI-020-1020	CISCO	WCS-APLOC-50	WCS-Standard-K9 50 AP Location. License Only.			2,688.00	0.00	0.00
0			TWI-020-1030	CISCO	WCS-APLOC-100	Option Of WCS-Standard-K9 100 APs Location. License Only.			2,689.00	0.00	0.00
0			TWI-020-1070	CISCO	LIC-CT5508-25A	<b>WLAN Controller: 5500 Series Upgrade Licenses</b> 25 AP Adder License for the 5508 Controller			4,035.00	0.00	0.00
0			TWI-020-1080	CISCO	LIC-CT5508-50A	50 AP Adder License for the 5508 Controller			8,785.00	0.00	0.00
0			TWI-020-1090	CISCO	LIC-CT5508-100A	100 AP Adder License for the 5508 Controller			15,113.00	0.00	0.00
0			TWI-020-1110	CISCO	L-LIC-CT5508-25A	25 AP Adder License for the 5508 Controller (eDelivery)			22,847.00	0.00	0.00
0			TWI-020-1120	CISCO	L-LIC-CT5508-50A	50 AP Adder License for the 5508 Controller (eDelivery)			8,784.00	0.00	0.00
0			TWI-020-1130	CISCO	L-LIC-CT5508-100A	100 AP Adder License for the 5508 Controller (eDelivery)			15,113.00	0.00	0.00
0			TWI-020-1180	CISCO	L-FL-SRE-WLC-25A	<b>WLAN Controller: Controller Licenses on SRE for ISR G2</b> 25 AP Adder Licenses for WLC on SRE (e-Delivery)			22,847.00	0.00	0.00
0			TWI-020-1190	CISCO	L-FL-SRE-WLC-5A	5 AP Adder Licenses for WLC on SRE (e-Delivery)			3,441.00	0.00	0.00
0			TWI-020-1210	CISCO	NME-AIR-WLC25-K9	<b>WLAN Controller: WLCM Network Module for 25-AP WLAN Controller NM for Cisco 2900/3900 Series</b>			840.00	0.00	0.00
0			TWI-020-1220	CISCO	NME-AIR-WLC25-K9=	25-AP WLAN Controller NM for Cisco 2900/3900 Series			6,324.00	0.00	0.00
0			TWI-020-1240	CISCO	NME-AIR-WLC12-K9=	12-AP WLAN Controller NM for Cisco 2900/3900 Series			6,324.00	0.00	0.00
0			TWI-020-1250	CISCO	NME-AIR-WLC8-K9	8-AP WLAN Controller NM for Cisco 2900/3900 Series			3,371.00	0.00	0.00
0			TWI-020-1260	CISCO	NME-AIR-WLC8-K9=	8-AP WLAN Controller NM for Cisco 2900/3900 Series			3,371.00	0.00	0.00
0			TWI-020-1270	CISCO	NME-AIR-WLC6-K9	6-AP WLAN Controller NM for Cisco 2900/3900 Series			3,339.00	0.00	0.00
0			TWI-020-1280	CISCO	NME-AIR-WLC6-K9=	6-AP WLAN Controller NM for Cisco 2900/3900 Series			3,339.00	0.00	0.00
0			2.4.4.67			<b>Cymphonix Filtering/Bandwidth Management Devices</b>			2,105.00	0.00	0.00
0			TNW-090-0100	Cymphonix	EX310-XLI	<b>Cymphonix Network Composer</b> EX310-XLI (10 Mbps WAN Throughput)			2,800.00	0.00	0.00
0			TNW-090-0110	Cymphonix	EX310-XLI-E	EX310-XLI-E (10 Mbps WAN Throughput)			3,795.00	0.00	0.00



Qty	RFP item	RFP Description	TFS item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0	TNW-090-0120	Cymphonix	EX320	EX320-XLI (20 Mbps WAN Throughput)					4,670.00	0.00	0.00
0	TNW-090-0130	Cymphonix	EX320-XLI-E	EX320-XLI-E (20 Mbps WAN Throughput)					6,073.00	0.00	0.00
0	TNW-090-0140	Cymphonix	EX350	EX350-XLI (50 Mbps WAN Throughput)					9,345.00	0.00	0.00
0	TNW-090-0150	Cymphonix	EX350-XLI-E	EX350-XLI-E (50 Mbps WAN Throughput)					12,150.00	0.00	0.00
0	TNW-090-0160	Cymphonix	EX410-XLI-E	EX410-XLI-E (100 Mbps WAN Throughput)					21,500.00	0.00	0.00
0	TNW-090-0170	Cymphonix	EX420-XLI-E	EX420-XLI-E (200 Mbps WAN Throughput)					29,915.00	0.00	0.00
0	TNW-090-0180	Cymphonix	EX550-XLI-E	EX550-XLI-E (500 Mbps WAN Throughput)					44,990.00	0.00	0.00
0	TNW-090-0190	Cymphonix	EX600-XLI-E	EX600-XLI-E (1,000 Mbps WAN Throughput)					71,500.00	0.00	0.00
				<b>Cymphonix Network Conductor - Centralized Management Device</b>							
0	TNW-090-0210	Cymphonix	EC300	EC300 - Supports up to 5 Network Composers					4,203.00	0.00	0.00
0	TNW-090-0220	Cymphonix	EC500	EC500 - Supports up to 25 Network Composers					14,020.00	0.00	0.00
0	TNW-090-0230	Cymphonix	EC700	EC700 - Supports up to 100 Network Composers					28,045.00	0.00	0.00
				<b>Fiber Modules - EX400 Series</b>							
0	TNW-090-0250	Cymphonix	EXM1FB	EXM1FB - single mode fiber pair with bypass					9,812.00	0.00	0.00
0	TNW-090-0260	Cymphonix	EXM1MB	EXM1MB - multi mode fiber pair with bypass					8,877.00	0.00	0.00
				<b>Fiber Modules - EX500 / EX600 Series</b>							
0	TNW-090-0280	Cymphonix	EXM2FB	EXM2FB - single mode fiber pair with bypass					9,812.00	0.00	0.00
0	TNW-090-0290	Cymphonix	EXM2MB	EXM2MB - multi mode fiber pair with bypass					8,877.00	0.00	0.00
				<b>Cymphonix Services - Includes pre-installation review, on site installation, initial configuration, active directory integration assistance and essential system training</b>							
0	TNW-090-0300	Cymphonix	EX350-D-ICT	EX350 and below					1,068.00	0.00	0.00
0	TNW-090-0320	Cymphonix	EX410-D-ICT	EX410 and above					1,398.00	0.00	0.00
				<b>Cymphonix Managed Services- Cymphonix will manage your device insuring it's running at peak performance. Includes monitoring and report distribution management.</b>							
0	TNW-090-0360	Cymphonix	EX350-MGS	EX350 and below (12 months)					4,400.00	0.00	0.00
0	TNW-090-0370	Cymphonix	EX410-MGS	EX410 and above (12 Months)					5,500.00	0.00	0.00
				<b>Cymphonix Licensing - Initial Price</b>							
0	TNW-090-0390	Cymphonix	LIC-500-I	NW Nodes/IP Addresses/0-500					3,549	0.00	0.00
0	TNW-090-0400	Cymphonix	LIC-1000-I	NW Nodes/IP Addresses/501-1000					6,167	0.00	0.00
0	TNW-090-0410	Cymphonix	LIC-1500-I	NW Nodes/IP Addresses/1001 - 1500					9,250	0.00	0.00
0	TNW-090-0420	Cymphonix	LIC-2000-I	NW Nodes/IP Addresses/1501 - 2000					11,098	0.00	0.00
0	TNW-090-0430	Cymphonix	LIC-2500-I	NW Nodes/IP Addresses/2001 - 2500					13,872	0.00	0.00
0	TNW-090-0440	Cymphonix	LIC-3000-I	NW Nodes/IP Addresses/2501 - 3000					14,509	0.00	0.00
0	TNW-090-0450	Cymphonix	LIC-3500-I	NW Nodes/IP Addresses/3001 - 3500					16,928	0.00	0.00
0	TNW-090-0460	Cymphonix	LIC-4000-I	NW Nodes/IP Addresses/3501 - 4000					19,346	0.00	0.00
0	TNW-090-0470	Cymphonix	LIC-4500-I	NW Nodes/IP Addresses/4001 - 4500					21,764	0.00	0.00
0	TNW-090-0480	Cymphonix	LIC-5000-I	NW Nodes/IP Addresses/4501 - 5000					23,197	0.00	0.00
0	TNW-090-0490	Cymphonix	LIC-5500-I	NW Nodes/IP Addresses/5001 - 5500					24,301	0.00	0.00
0	TNW-090-0500	Cymphonix	LIC-6000-I	NW Nodes/IP Addresses/5501 - 6000					26,511	0.00	0.00
0	TNW-090-0510	Cymphonix	LIC-6500-I	NW Nodes/IP Addresses/6001 - 6500					28,720	0.00	0.00
0	TNW-090-0520	Cymphonix	LIC-7000-I	NW Nodes/IP Addresses/6501 - 7000					30,929	0.00	0.00
0	TNW-090-0530	Cymphonix	LIC-7500-I	NW Nodes/IP Addresses/7001 - 7500					30,287	0.00	0.00
0	TNW-090-0540	Cymphonix	LIC-8000-I	NW Nodes/IP Addresses/7501 - 8000					32,307	0.00	0.00
0	TNW-090-0550	Cymphonix	LIC-8500-I	NW Nodes/IP Addresses/8001 - 8500					34,326	0.00	0.00
0	TNW-090-0560	Cymphonix	LIC-9000-I	NW Nodes/IP Addresses/8501 - 9000					36,345	0.00	0.00
0	TNW-090-0570	Cymphonix	LIC-9500-I	NW Nodes/IP Addresses/9001 - 9500					38,364	0.00	0.00
0	TNW-090-0580	Cymphonix	LIC-10000-I	NW Nodes/IP Addresses/9501 - 10000					39,502	0.00	0.00
0	TNW-090-0590	Cymphonix	LIC-10500-I	NW Nodes/IP Addresses/10001 - 10500					41,477	0.00	0.00
0	TNW-090-0600	Cymphonix	LIC-11000-I	NW Nodes/IP Addresses/10501 - 11000					43,452	0.00	0.00
0	TNW-090-0610	Cymphonix	LIC-ULN-I	NW Nodes/IP Addresses/11001 and above					45,427	0.00	0.00
				<b>Cymphonix Licensing - Renewal Price</b>							
0	TNW-090-0630	Cymphonix	LIC-500-R	NW Nodes/IP Addresses Renewal/0-500					3,265	0.00	0.00
0	TNW-090-0640	Cymphonix	LIC-1000-R	NW Nodes/IP Addresses Renewal/501-1000					5,673	0.00	0.00
0	TNW-090-0650	Cymphonix	LIC-1500-R	NW Nodes/IP Addresses Renewal/1001 - 1500					8,510	0.00	0.00



Qty	RFP item	RFP Description	TFS Item number	Manufacturer / Publisher	MFG Part num	Description	Warranty or Subject/Grade	Notes	Unit Price	Total Cost with out Annual Support	Total cost WITH Annual Support
0	TNW-090-0660			Cymphonix	LIC-2000-R	NW Nodes/IP Addresses Renewal/1501 - 2000			10,210	0.00	0.00
0	TNW-090-0670			Cymphonix	LIC-2500-R	NW Nodes/IP Addresses Renewal/2001 - 2500			12,762	0.00	0.00
0	TNW-090-0680			Cymphonix	LIC-3000-R	NW Nodes/IP Addresses Renewal/2501 - 3000			13,348	0.00	0.00
0	TNW-090-0690			Cymphonix	LIC-3500-R	NW Nodes/IP Addresses Renewal/3001 - 3500			15,574	0.00	0.00
0	TNW-090-0700			Cymphonix	LIC-4000-R	NW Nodes/IP Addresses Renewal/3501 - 4000			17,798	0.00	0.00
0	TNW-090-0710			Cymphonix	LIC-4500-R	NW Nodes/IP Addresses Renewal/4001 - 4500			20,022	0.00	0.00
0	TNW-090-0720			Cymphonix	LIC-5000-R	NW Nodes/IP Addresses Renewal/4501 - 5000			21,341	0.00	0.00
0	TNW-090-0730			Cymphonix	LIC-5500-R	NW Nodes/IP Addresses Renewal/5001 - 5500			22,357	0.00	0.00
0	TNW-090-0740			Cymphonix	LIC-6000-R	NW Nodes/IP Addresses Renewal/5501 - 6000			24,390	0.00	0.00
0	TNW-090-0750			Cymphonix	LIC-6500-R	NW Nodes/IP Addresses Renewal/6001 - 6500			26,422	0.00	0.00
0	TNW-090-0760			Cymphonix	LIC-7000-R	NW Nodes/IP Addresses Renewal/6501 - 7000			28,454	0.00	0.00
0	TNW-090-0770			Cymphonix	LIC-7500-R	NW Nodes/IP Addresses Renewal/7001 - 7500			27,864	0.00	0.00
0	TNW-090-0780			Cymphonix	LIC-8000-R	NW Nodes/IP Addresses Renewal/7501 - 8000			29,722	0.00	0.00
0	TNW-090-0790			Cymphonix	LIC-8500-R	NW Nodes/IP Addresses Renewal/8001 - 8500			31,579	0.00	0.00
0	TNW-090-0800			Cymphonix	LIC-9000-R	NW Nodes/IP Addresses Renewal/8501 - 9000			33,437	0.00	0.00
0	TNW-090-0810			Cymphonix	LIC-9500-R	NW Nodes/IP Addresses Renewal/9001 - 9500			35,295	0.00	0.00
0	TNW-090-0820			Cymphonix	LIC-10000-R	NW Nodes/IP Addresses Renewal/9501 - 10000			36,342	0.00	0.00
0	TNW-090-0830			Cymphonix	LIC-10500-R	NW Nodes/IP Addresses Renewal/10001 - 10500			38,158	0.00	0.00
0	TNW-090-0840			Cymphonix	LIC-11000-R	NW Nodes/IP Addresses Renewal/10501 - 11000			39,976	0.00	0.00
0	TNW-090-0850			Cymphonix	LIC-ULN-R	NW Nodes/IP Addresses Renewal/1001 and above			41,793	0.00	0.00
TOTALS										\$6,109,189.80	\$6,056,899.80
Savings with Annual Support										\$52,290.00	

Annual Support Breakdown for Prorating Purposes Only

	Rate	Hrs	Total
Help Desk/EPIC			60,000.00
Advanced Hour Prorated Rate	135.00	3,301.00	445,635.00
Network Engineer Prorated Rate	95.00	4,584.00	435,480.00
A+ Equivalent Prorated Rate	68.00	750.00	51,000.00
Total Price of Annual Support			992,115.00
Monthly payment			82,676.25



**Disclosure Statement**

The information in this proposal shall not be disclosed outside the West Virginia Department of Education organization and shall not be duplicated, used or disclosed in whole or in part for any purpose other than to evaluate the proposal, provided that if a contract is awarded to IBM as a result of or in connection with the submission of this proposal, West Virginia Department of Education shall have the right to duplicate, use or disclose the information to the extent provided in the contract. This restriction does not limit the right of West Virginia Department of Education to use information contained in the proposal if it is obtained from another source without restriction.

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