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www.spo.hawaii.gov

February 13, 2006

TO: Executive Agencies
Judiciary
Senate
House of Representatives

FROM: Ruth E. Yamaguchi
Procurement Officer

SUBJECT: **Change No. 13**
SPO Price List No. 00-16 (Statewide)
SWITCHED NETWORK SYSTEM
Expires January 17, 2007
(RFP-99-102-SW)

The following purchasing jurisdictions have been added to this price list:

Senate
House of Representatives

The current price list incorporating Change Nos. 1 through 13 is available on the SPO website: www.spo.hawaii.gov; click on "Price List and Vendor List" accessible from both the **Awards** and the **Procurement of Goods, Services and Construction – Chapter 103D, HRS** menus. At the search screen, enter the List Title.

Should you have any questions, Alvin Washiashi can be contacted at 586-0571, fax 586-0570, or alvin.washiashi@hawaii.gov.

STATE OF HAWAII
STATE PROCUREMENT OFFICE

SPO Price List No. 00-16 (Statewide)
Includes Change Nos. 1 through 13
Revised February 13, 2006

SWITCHED NETWORK SYSTEM
(RFP-99-102-SW)
January 18, 2000 to January 17, 2007

Executive Branch departments are responsible for notifying their telecom/DP coordinator that this price list is available.

TELECOM REQUESTS. All purchases must be coordinated with the ICSD. Agencies are required to submit a Telecom Request (DAGS TR FORM 1).

STATE'S COMMITMENT. Agencies of the following purchasing jurisdictions are required to purchase from this price list:

- Executive Branch
- Judiciary
- Senate
- House of Representatives

EXCEPTION TO THE PRICE LIST. When the use of the price list is not suited to an agency's purpose, the appropriate purchasing jurisdiction may grant an exception to purchase outside of the price list. For this purpose, Executive Branch agencies shall use SPO Form-5, "SPO Price List Purchase Exemption", available on the SPO Website, www.spo.hawaii.gov; click on "Forms for State Agencies" in the Procurement of Goods, Services and Construction – Chapter 103D, HRS, menu.

POINT OF CONTACT. Questions regarding the products or services listed, ordering, pricing, and status should be directed to the vendor.

Technical questions relating to the switched network system may be directed to Gwen Nakahara of the Telecommunications Services Branch, Information and Communication Services Division, Department of Accounting and General Services, telephone 586-1930, or facsimile 586-1962.

Procurement questions or complaints may be directed as follows:

Jurisdiction	Name	Telephone	Facsimile	E-mail
Executive	Alvin Washiashi	586-0571	586-0570	alvin.washiashi@hawaii.gov
Judiciary	Newton Sakamoto	538-5805	538-5802	Newton.t.sakamoto@courts.state.hi.us
Senate	Paul T. Kawaguchi	586-6720	586-6719	sencik@capitol.hawaii.gov
House	Patricia Mau Shimizu	586-6400	586-6401	adele@capitol.hawaii.gov

USE OF PRICE LIST BY NONPROFIT ORGANIZATIONS. Pursuant to Section 103D-804, Hawaii Revised Statutes (HRS), nonprofit organizations with current purchase of service contract(s) (Chapter 103F, HRS) have been invited to participate in the State Procurement Office's (SPO) price lists.

If a nonprofit organization (hereinafter called "nonprofit") wishes to purchase from a SPO price list, the nonprofit must obtain approval from each price list vendor, i.e., participation must be mutually agreed upon. A price list vendor may choose to deny participation by a nonprofit. Provided, however, if a nonprofit and price list vendor mutually agree to this arrangement, it is understood that the nonprofit will retain its right to purchase from other than a price list vendor.

VENDOR: Hawaiian Telcom, Inc.

Submit purchase order to:
P. O. Box 2200, Honolulu, Hawaii 96841
Telephone: (808) 546-8736; Fax: (808) 546-8288
Attention: Ms. Phyllis Morihara, HIA-16

Submit remittance to:
Hawaiian Telcom, Inc.
P. O. Box 9688, Mission Hills, CA 91346-9688

Vendor Code: 289236-00

VENDOR CODE for annotation on purchase orders is obtainable from the "Alphabetical Vendor Edit Table Report" available at your department's fiscal office. **Agencies are cautioned that the remittance address on an invoice may be different from the address of the vendor code annotated on the purchase order.** Therefore, when processing an invoice for payment be sure that the correct vendor code is used.

PURCHASE ORDERS must be received by the vendor no later than the expiration date of this price list. It is the agency's responsibility to send purchase orders to the vendor on a timely basis. The vendor is not obliged to accept any order received after the price list expiration date.

Purchases from this price list are for products needed by agencies during the contract period. Agencies may not issue purchase orders specifying delivery after the price list expiration date. This excludes those orders received by the vendor towards the end of the price list period for which delivery may extend beyond the price list expiration date. *"SPO PL No. 00-16" must be typed on purchase orders issued against this price list.*

UNIT PRICES include delivery to destination statewide; taxes, **including** the State General Excise Tax, currently 4%; and all other costs. Other costs include pricing for all components (hardware, software, engineering, design, installation and system implementation) required for a complete installation.

CISCO CATALOG ITEMS, *as they relate to the Switched Network System*, may be purchased as follows:

Additional Equipment Purchase with Installation

- Any Cisco Systems equipment that is not currently listed on the contracted price list, but is offered via a current or future published Cisco Systems price list and supported by the Contractor, may be purchased at 33.0% off Cisco Systems' List Price.

- The price is inclusive of shipping and tax.

- Contractor will provide firm installation costs which covers delivery, installation, configuration and end-to-end testing, based on the final configuration at the contracted price of $156.25 per hour plus 9.6% of the installed price (equipment and labor) for system implementation.

- Warranty: As specified in the warranty provision herein.

Additional Equipment Purchase without Installation (Drop Ship)

- Any Cisco Systems equipment that is not currently listed on the contracted price list, but is offered via a current or future published Cisco Systems price list, may be purchased at 33.0% off Cisco Systems' List Price.

- An equipment delivery charge of $208.33 (tax included) will be applicable.

- Warranty will cover out-of-box failures only and must be returned to Cisco Systems within 30 days upon receipt of equipment. Upon receipt of the equipment, the user should immediately check to determine that the right equipment was sent and is operational. If found to be defective, the user should contact the Cisco Systems Toll Free Support number at 1-800-553-2447, Option #3, to report receipt of the defective product. The user should be prepared to provide the serial number and manufacture part number of the defective equipment.

  After receipt of the replacement equipment, the user should immediately send the defective equipment back to Cisco Systems in the same box that the replacement equipment was received. Third-party billing information is normally provided by Cisco to eliminate shipping costs to the end-user. If the user fails to send defective equipment back to Cisco Systems within 14 days after the receipt of the replacement unit, Cisco's automatic tracking system will generate a bill to the end-user.

- Configuration support will not be provided by the Contractor on drop ship orders.

- If an incorrect item is received on a drop ship order, the user should contact their Contractor account representative for resolution.

Maintenance Options

- Second year maintenance by Contractor for Contractor installed equipment will be 10.86% of the Cisco Equipment List Price. For details of Contractor's maintenance coverage, refer to the maintenance requirements herein.

- Cisco's SMARTnet enhancements and maintenance support may be purchased through this contract for existing Cisco equipment or user installed equipment at the Cisco System's List Price.

  The basic difference between the Contractor maintenance and SMARTnet is, Contractor maintenance provides on-site 24 hours a day by 7 days a week support during the contract period. SMARTnet provides remote enhancements and maintenance support with access to Cisco technical expertise, both on-line and via telephone.

- Embedded Cisco equipment that is not currently on a Contractor maintenance plan will be subject to a system certification at the stated $156.25 per hour labor rate prior to obtaining Contractor maintenance.

Trade-In Program

- A trade-in program is also available whereby displaced non-Cisco equipment may be turned-in for credit applicable against the purchase of Cisco products.

GENERAL INFORMATION. The Switched Network System Price List was developed based on specific configurations from RFP-99-102-SW. State departments/agencies wishing to procure individual line item components from the price list, should first contact their respective GTE account manager, who will provide assistance and validation of the equipment being considered.

INSTALLATION. Installation of a new user access point must be coordinated with the ICSD. Installation as described below, shall be completed within thirty (30) business days from the date of the State PM's approval of Contractor's design plan. The Contractor in providing all work identified in the RFP shall include, at a minimum, the following:

1. Install and configure software on the equipment in order for it to be operational and functional as described herein.

2. Connect all electrical and passive connections for each equipment and any sub-assemblies to the equipment so that the system is operable and ready for the Acceptance Test.

3. Comply with National Electric Code (NEC), local building and safety codes, as applicable to installation of Telecommunications equipment.

4. Be responsible for and repair all damages to any building, support structure or equipment caused by its workers. The Contractor shall report to the State any damage to the property or equipment that may exist prior to installation.

5. Be responsible for determining and providing all necessary generic installation components required for the installation. Items such as mounting hardware, nuts, bolts, screws, cable wraps, etc. while not listed in the price list, are to be provided as required for the identified applications, and are assumed to be basic elements of the Switched Network System provided by the Contractor.

6. Upon completion of the work at each site, remove its tools, equipment and all rubbish from the premises and leave the premises clean and neat.

ELECTRICAL REQUIREMENTS. Electrical power for the equipment shall be provided by the State as identified by the Contractor. Power requirements shall adhere to the manufacturer's specifications. Requests for electrical consumption shall be reasonable. Contractor is responsible for providing proper surge protection and power extension cords installed in accordance with NEC, local building, and safety codes. The Contractor shall correct any violations during and after installation.

ACCEPTANCE TESTS. After installation and acceptance of normal system operations, the Contractor shall conduct acceptance tests for performance and reliability as defined by the manufacturer's specifications, demonstrating acceptable performance over a thirty (30) day period. Acceptance tests shall begin within ten (10) days after Contractor notifies the State that the installation is completed.

Upon successful completion of the acceptance tests the State shall notify the Contractor in writing and authorize payments. Once the system has been accepted by the State, the one (1) year warranty shall commence.

MAINTENANCE

1. The Contractor shall identify single point of failures and strategies to minimize the component failure.

2. The Contractor shall present test data verifying mean time between failures and equipment availability in existing operational networks.

3. Maintenance includes at no charge unlimited system software upgrades, including that for the Network Management System for the duration of the contract.

4. The Contractor has factory trained and certified maintenance personnel statewide. A certified back-up technician shall be available to the State if the assigned certified technician is not available. All neighbor island technicians have access to the Contractor's Oahu based Applications Engineers and Premium Customer Support Administrators as well as Contractor's NOC for second level escalation.

5. Maintenance personnel shall respond on an on-call basis 24 hours a day, 7 days a week. Maintenance personnel shall call back within thirty (30) minutes after the initial trouble call. If the State requires on-site assistance, the maintenance personnel shall respond on-site within two (2) hours of the initial trouble call, unless with the State's approval other arrangements have been made during the call back.

6. After two (2) hours of on-site investigation, the technician will advise his/her supervisor of the unresolved problem and establish a trouble report with the Contractor's National Operations Center (NOC) via Contractor's Technical Operations Center (TOC).

7. The local technician will work with Contractor's local and national product specialists to resolve the problem. If the problem remains unresolved after four (4) hours of on-site investigation, the technician will notify his/her Regional Service Manager and the assigned Account Manager. Contractor's NOC will establish a trouble report with the original equipment manufacturer.

8. If the problem remains unresolved for an additional two (2) hours, the Regional Service Manager will notify the General Manager of Branch Operations. The General Manager will escalate the problem to the manager of Contractor's NOC and reserves the right to escalate the problem within the original equipment manufacturer's marketing organization.

9. Should the equipment not be repairable within forty-eight (48) hours from the time of the on-site arrival or from the time ordered parts are received, the State will have the option of replacing the defective equipment.

10. The Contractor maintains several warehouses in the State for maintaining manufacture recommended sparing. In the event Contractor does not have the item in stock, Cisco maintains a depot in Sand Island.

    The Contractor shall arrange to have the appropriate repair parts and tools arrive with the technician at the neighbor islands upon receiving a maintenance call. Only new standard parts or parts of equal quality shall be used in effecting repairs. In the event that a failing component or part is not available from the local parts inventory, the Contractor shall be required to airfreight the failing component or part to the repair site. For those situations where the equipment is not operational, airfreight of the failing component or part shall be on the next available commercial or freight flight unless with the State's approval other arrangements have been made.

    For those situations where the equipment is operational but not fully functional, airfreight of the failing component or part shall be at the repair site within twenty-four (24) hours of the identification of the failing component or part unless with the State's approval other arrangements have been made.

    The airfreight of components shall be provided at no cost to the State.

QUALITY OF EQUIPMENT. Equipment furnished under this Contract shall be new. All equipment supplied shall be labeled and/or embossed with the manufacturer's name, logo, serial number, and/or part number. It shall be free from defects that may render it unfit for use. Damaged or rejected items shall be immediately removed from the site and replaced with items of the quality required.

No payment, whether partial or final, shall be construed to be an acceptance of defective materials. The Contractor shall be liable for latent defects, fraud, or gross misrepresentations that amount to fraud.

The State may, at any time, by written order, stop the delivery of equipment not conforming. Such stop order shall not relieve the Contractor of the obligation to complete the contract within the contract time limits, nor shall it in any way terminate, cancel, or abrogate the contract or any part thereof. All items furnished under this Contract shall be Year 2000 compliant.

DELIVERY REQUIREMENTS. The Contractor shall deliver products in no more than six (6) weeks from time of order. Delivery shall be to the specified installation site. It shall include the transportation of all equipment to the site; uncrating; unpacking; removal of crating, packing, and skidding; and the positioning of the equipment for installation.

The Contractor shall be responsible for the risk of loss or damages that occur during delivery and installation of the equipment.

All loading, crating, and skidding used in the shipment of the equipment shall be the property of the Contractor and shall be removed by the Contractor from the State's premises immediately following the installation of equipment or as directed by the State.

WARRANTY. Contractor and its sub-contractor(s) shall warrant the equipment and work for a period of one (1) year from date of final acceptance. The Contractor, free of charge under the warranty, shall correct any residual equipment failures or faults found by the State after the

installation and acceptance due to labor practices. Warranty service shall comply with the Maintenance Requirements described herein.

LIQUIDATED DAMAGES. Liquidated damages are fixed at the sum of FIVE HUNDRED DOLLARS ($500.00) per day for any violation of the Contractor in failing to perform in whole or in part any of its obligations hereunder.

PRICE LIST AVAILABLE ON THE INTERNET. The price list is available at the SPO website: www.spo.hawaii.gov."Click" on Price List and Vendor List in either the Procurement of Goods, Services, and Construction – Chapter 103D, HRS or the Awards menu.

/S/ Robert J. Governs
ROBERT J. GOVERNS, CPPB
Procurement Officer

Items have been grouped to assist agencies in determining the equipment needed. Items within a group may be purchased separately.

Item	Part Number	Description	Installed Unit Price	Annual Maintenance
Cat 2924 Switch				
1	WS-C2924-XL-EN	Catalyst 2924 10/100 Enterprise Switch	$ 2,085.41	$ 271.04
Cat 3524 Switch				
2	WS-C3524-XL-EN	C3524 XL Enterprise Edition Switch	$ 3,236.21	$ 434.00
Cat 6006 Switch				
3	WS-C6006	Chassis Catalyst 6006	$ 4,174.66	$ 542.63
4	WS-CAC-1000W	Supply Power Cat 6000 1000W AC	$ 2,297.76	$ 325.37
	CAB-7KAC	AC Power Cord, Cisco 7000 Series	0.00	0.00
5	WS-CAC-1000W/2	Supply Power Cat 6000 1000W 2nd Supply	$ 2,297.76	$ 325.37
	CAB-7KAC	AC Power Cord, Cisco 7000 Series	0.00	0.00
6	WS-X6K-SUP1-2GE	Module Supervisor Engine 1 Cat 6000	$ 7,668.16	$ 1,085.81
	SFC6K-SUP-5.2.1	Software Flash Image Supervisor Cat 6000	0.00	0.00
7	WS-X6248-RJ-45	Module 48 Port 10/100 w/RJ45 Cat 6000	$ 9,969.76	$ 1,411.72
8	WS-G5486	Module 1000 Base-LX/LH GBIC SMF	$ 1,150.80	$ 162.95
Cat 6509 Switch				
9	WS-C6509	Catalyst 6509 Chassis	$ 8,353.16	$ 1,085.81
10	WS-CAC-1300W	Supply Power Cat 6000 1300W AC	$ 3,064.96	$ 434.00
	CAB-7513AC	AC Power Cord	0.00	0.00
11	WS-CAC-1300W/2	Supply Power Cat 6000 1300W 2nd Supply	$ 3,064.96	$ 434.00
	CAB-7513AC	AC Power Cord	0.00	0.00
12	MEM-C6K-FLC24M	Cat6000 Supervisor PCMCIA Flash Memory	$ 460.32	$ 65.18
13	WS-X6408-GBIC	8-Port Gigabit Ethernet Module Cat 6000	$ 7,839.41	$ 1,085.81
7	WS-X6248-RJ-45	Module 48 Port 10/100 w/RJ45 Cat 6000	$ 9,969.76	$ 1,411.72
14	WS-G5484	1000Base-SX-GBIC MM Module	$ 383.60	$ 54.32
8	WS-G5486	Module 1000 Base-LX/LH GBIC SMF	$ 1,150.80	$ 162.95
15	WS-X6224-100FX-MT	24 Port 100 FX Multimode Cat6000 Module	$ 12,017.91	$ 1,628.98
16	PA-T3+	Adapter 1 Port T3 Serial w/T3 DSU	$ 8,524.82	$ 1,194.99
17	GEIP=	Gigabit Ethernet Processor	$ 8,994.05	$ 1,249.31
18	GBIC-SX=	1000Base-SX Gigabit Module	$ 383.60	$ 54.32
19	MEM-MSFC-128MB	Cat 6000 MSFC Memory, 128Mb DRAM Option	$ 920.64	0.00
20	CWAM-1.0-SOL-ADD	ACL Mgr 1.0	$ 3,832.16	0.00
Cisco 2612 Router				
21	CISCO2612	Cisco 2612 TR Router w/IP Software	$ 2,297.76	$ 325.37
	CAB-AC	Power Supply Cord AC 110V	0.00	0.00
22	S26CP-12.0.XT	Cisco 2600 IP Software	$ 537.04	$ 76.04

Items have been grouped to assist agencies in determining the equipment needed. Items within a group may be purchased separately.

Item	Part Number	Description	Installed Unit Price	Annual Maintenance
23	MEM2600-24U32D	Cisco 2600 Memory Upgrade 24Mb to Mb	$ 537.04	$ 76.04
24	WIC-1T	WAN Interface 1-Port Serial Card	$ 478.13	$ 43.46
25	MEM2600-8U16FS	Cisco 2600 Memory Upgrade 8Mb to 16MB Flash	$ 537.04	$ 76.04
Cisco 3640 Router				
26	CISCO3640	Modular 3600 Router 4-slot AC Power	$ 5,158.05	$ 706.13
	CAB-AC	Power Supply Cord AC 110V	0.00	0.00
27	S364CP-12.0.XT	Cisco 3640 IOS IP Plus Software	$ 537.04	$ 76.04
28	MEM3600-8U16FS	Cisco 3600 8M to 16M Memory Upgrade	$ 537.04	$ 76.04
29	MEM3640-32U64D	Cisco 3640 32M to 64M Memory Upgrade	$ 1,534.40	$ 217.27
30	NM-1E2W	Network 1 Ethernet 2 WAN Module	$ 1,322.05	$ 162.95
31	55150-010-994	Cisco V.35MT DTE Cable M60 M V.3	$ 73.10	$ 10.34
32	048S102001	Desktop 554A T1/FT1 56/64 DSU	$ 932.01	$ 94.15
24	WIC-1T	WAN Interface 1-Port Serial Card	$ 478.13	$ 43.46
33	MEM3600-4U32FS	Cisco 3600 4M to 32M Memory Upgrade	$ 1,304.24	$ 184.68
34	MEM3640-32U128D	Cisco 3640 32M to 128M Memory Upgrade	$ 4,419.07	$ 625.74
35	NM-1FE-TX	1 Port Fast Ethernet Network Module 100Base	$ 1,620.02	$ 217.27
36	S364AP-12.0.XT	Cisco 3640 Enterprise Software	$ 1,227.52	$ 173.82
37	NM-1E1R2W	1 Ethernet 1 Token Ring Network Module	$ 2,472.85	$ 325.91
Cisco 7206 Router				
38	CISCO7206	Router 7206 6-slot AC Power	$ 4,521.00	$ 543.18
	CAB-AC	Power Supply Cord AC 110V	0.00	0.00
	PWR-7200	Power Supply Option	0.00	0.00
	CAB-AC	Power Supply Cord AC 110V	0.00	0.00
39	PWR-7200/2	Dual Power Supply AC 7200 lot 280W	$ 2,472.85	$ 325.91
	CAB-AC	Power Supply Cord AC 110V	0.00	0.00
40	C7200-I/O-FE	Cisco 7200 Fast Ethernet I/O Controller	$ 2,301.60	$ 271.59
41	S72BS-12.0.XT	Cisco 7200 Desktop/IBM Software	$ 1,918.00	$ 325.91
42	MEM-I/O-FLC20M	Memory Option I/O PCMCIA Flash 20M	$ 593.21	$ 59.75
43	NPE-200	Network Processor 200 4MB SRAM	$ 5,072.42	$ 706.13
44	MEM-NPE-64MB	Memory Option NPE 64M DRAM Upgrade Kit	$ 631.57	$ 65.19
45	PA-4R-DTR	Adapter Port 4/Port Dedicated Token Ring	$ 4,833.36	$ 684.40
46	PA-1C-E	Adapter Port/1 Port Escon	$ 9,206.40	$ 1,303.62
	MEM-CPA-32M	DRAM Option CPA 32MB	0.00	0.00
47	PA-FE-TX	Port Adapter Fast Ethernet 100Base-T	$ 2,003.62	$ 271.59
48	FR-CPA-CSNA	Software Port Adapters SNA Support	$ 2,301.60	$ 325.91
49	FR-CPA-TCPOFF	Software Port Adapters TCP/IP	$ 2,301.60	$ 325.91
50	RFR-CPA-TN3270S-50	Software Port Adapters TN3270 5000 Series	$ 11,508.00	$ 1,629.53

Items have been grouped to assist agencies in determining the equipment needed. Items within a group may be purchased separately.

Item	Part Number	Description	Installed Unit Price	Annual Maintenance
Cisco 7507 Router				
51	CISCO7507/4X2	Router 7507 7-slot, 2-AC Pwr, 2-Cybus,2	$ 28,652.18	$ 4,008.64
	CAB-7KAC	AC Power Cord, Cisco 7000 Series	0.00	0.00
	PWR-7507/4X2	Optional Dual AC Power Supply 7507/4X2	0.00	0.00
	CAB-7KAC	AC Power Cord, Cisco 7000 Series	0.00	0.00
	RSP4	Cisco 7500 RSP4 Module	0.00	0.00
	MEM-RSP4-FLC16M	Memory Option RSP4 Flash 16M	0.00	$ -
52	S75A-12.0.XT	RSPX Enterprise Software	$ 6,137.60	$ 869.09
53	FR-WPP75	WAN Packet Protocols Software	$ 4,007.25	$ 582.54
54	FR-IR75	Interdomain Routine Software License	$ 3,836.00	$ 543.17
55	FR-NF75	RSP1, RSP2, RSP7000 Netflow Software License	$ 3,836.00	$ 543.17
56	MEM-RSP4-256M	Memory Option RSP4 DRAM 256M	$ 3,222.24	$ 456.27
17	GEIP=	Gigabit Ethernet Processor	$ 8,994.05	$ 1,249.31
18	GBIC-SX=	1000Base-SX Gigabit Module	$ 383.60	$ 54.32
57	VIP2-50	VIP2 Model 50 Processor	$ 11,679.25	$ 1,629.53
58	PA-H	Adapter 1-Port HSSI	$ 4,688.82	0.00
59	MEM-VIP250-128M-D	DRAM Memory 128Mb 7500 VIP2	$ 1,611.12	$ 228.13
16	PA-T3+	Adapter 1 Port T3 Serial w/T3 DSU	$ 8,524.82	$ 1,194.99
60	PA-MC-8T1	Adapter Port 8/Port Multi T1 w/CSU	$ 8,899.52	$ 1,260.17
19	MEM-MSFC-128MB	Cat 6000 MSFC Memory, 128Mb DRAM Option	$ 920.64	0.00
61	CAB-HSI1	Cable HSSI Male	$ 81.10	0.00
62	54602-015-760	Cable 15 DS3 Coax BNC-BNC Mini	$ 24.00	0.00
63	DL3100ACCH	CSU/DSU DL3100 Pwr Supply AC 1 HSSI	$ 3,513.63	$ 382.10
PIX Firewall				
64	PIX-520	PIX 520 Firewall 32Mb RAM	$ 2,761.92	$ 391.09
	SF-PIX-4.X	Software Image PIX Firewall Ver. 4.2	0.00	0.00
65	PIX-CONN-UR	PIX Unrestricted Connections License	$ 13,809.60	$ 1,955.44
66	PIX-1FE	Interface PIX 1 10M/100M Ethernet RJ45	$ 324.69	$ 21.73
67	MEM-VIP250-8M-S	SRAM 8Mb Options for VIP250	$ 613.76	$ 86.91
68	PIX-520-FO-BUN	PIX Failover Bundle	$ 3,836.00	0.00
Cat 6000 Supervisor Engine				
69	WS-X6K-SUP1A-MSFC	Cat 6000 Supervisor Engine 1-A, 2GE, plus MSFC	$ 23,012.16	0.00
	SFC6K-SUP-5.3.1	Cat 6000 Supervisor Flash Image	0.00	0.00
70	WS-X6K-SUP1A-MSFC/2	Cat 6000 Redundant Sup. Engine 1-A, 2GE, MSFC	$ 11,504.16	0.00
71	MEM-MSFC-128MB	Cat 6000 MSFC Memory, 128Mb DRAM Option	$ 920.64	0.00
72	SC6MSFCA-12.0.3XE	Cisco IOS Cat 6000 Family MSFC	$ 6,137.60	0.00

Items have been grouped to assist agencies in determining the equipment needed. Items within a group may be purchased separately.

Item	Part Number	Description	Installed Unit Price	Annual Maintenance
73	FR-IRC6	Cat 6000 Family InterDomain Routing License	$ 3,836.00	0.00
SwitchProbe				
74	WS-PB8-HSSIETH-32	SwitchProbe, HSSI and Ethernet, 32Mb w/HSSI Tap	$ 15,682.66	0.00
75	WS-PB8-4T1D-ETH-64	SwitchProbe, 4 Port T1/D WAN and Ethernet, 64Mb	$ 16,449.86	0.00
76	WS-PB8-2GE-SX-M-64	SwitchProbe, 2 Port Gigabit Ethernet, SX, MM, 64Mb	$ 19,518.66	0.00
Network Management				
77	CSU-2.3	CiscoSecure ACS 2.3 UNIX	$ 3,815.45	0.00
78	QPC-1.0	QoS Policy Manager 1.0	$ 19,180.00	0.00
79	CV-4.2.1	SOLCiscoView 4.2.1 on Solaris	$ 1,530.56	0.00
80	CWE+C-SOL-COMB1	CISCOWORKS 2000 for Solaris	$ 7,925.03	$ 1,085.81
81	Ultra 10 Model 333	SUN Server with Network Managment Software	$ 9,855.18	$ 2,047.50
Access Server				
82	AS5300	Access Server AS5300	$ 7,672.00	$ 900.12
	AS53-AC-PWR	Power Supply for AS5300	0.00	0.00
83	S53C-12.0.XT	Software AS5300 IP	$ 1,534.40	$ 180.02
84	AS53-T1-48DM+	Modems 48 MICA T1/PRI Card	$ 12,351.92	$ 1,449.20
	DM-SW-2.6.1.0	Digital Modem Software 56K Ver 2.6.1.0	0.00	0.00
85	MEM-64M-AS53	DRAM Upgrade 5300 32M to 64M	$ 1,457.68	$ 171.02
Miscellaneous Cables				
86	STAR5610653	Cat 5 Patch Cord 6' (red)	$ 4.88	$ 0.01
87	600-211	Surge Protector 6 Outlet Strip		$ -
88	53160-005-297	RJ45, Crossover (red) Cat 5 Cable 6'	$ 3.78	$ 0.51
89	395001K3141005M	MM SCPC-STPC Ceramic Jumper 62.5 5M	$ 55.57	0.00
90	586102R9131005M	SM SCUPC-STUPC DFX Jumper 5M	$ 59.29	0.00
91	A03-C-Z/Z-010M-G	Siecor 62.5/125 ZIP SC-SC Jumper, 10M	$ 80.67	0.00
92	FA81414-015-FSM	Fiber Jumper 15 SC-SC Singlemode	$ 72.17	$ 9.70
93	FA81414-015-FSM	Fiber Jumper 15' SC-SC Single Mode Duplex	$ 96.45	0.00
94	STAR5611062	Cat 5 T568B Patch Cord, 10' Blue	$ 5.59	0.00
95		Custom Cables	$ 32,880.00	0.00
Other				

Items have been grouped to assist agencies in determining the equipment needed. Items within a group may be purchased separately.

Item	Part Number	Description	Installed Unit Price	Annual Maintenance
96	55-10128	MCBASIC TX/FX-SC	$ 352.91	$ 49.31
97	3C510510B	HUB LinkBuilder FMS	$ 1,879.64	$ 156.35
98	WS-C424	FastHub 424 24 Ports 10/100 AOTOSEN	$ 1,070.24	$ 151.55
99		Certified Training	$ 99,374.36	0.00
100		Planning and Design (per hour rate)	$ 156.25	0.00