



AUTHORIZED FEDERAL ACQUISITION SERVICE  
INFORMATION TECHNOLOGY SCHEDULE PRICELIST  
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY  
EQUIPMENT, SOFTWARE AND SERVICES

**Special Item No. 132-8 Purchase of New Equipment**

**Special Item No. 132-9 Purchase of Used or Refurbished Equipment**

**FSC CLASS 7010 - SYSTEM CONFIGURATION**

End User Computers/Desktop Computers, Professional Workstations, Servers  
Laptop/Portable/Notebook Computers, Large Scale Computers, Optical and Imaging Systems  
Other Systems Configuration Equipment, Not Elsewhere Classified

**FSC CLASS 7025 - INPUT/OUTPUT AND STORAGE DEVICES**

Printers, Display, Graphics, including Video Graphics, Light Pens, Digitizers, Scanners, and Touch Screens,  
Network Equipment, Other Communications Equipment, Optical Recognition Input/Output Devices, Storage  
Devices including Magnetic Storage, Magnetic Tape Storage and Optical Disk Storage, Other Input/Output and  
Storage Devices, Not Elsewhere Classified

**FSC CLASS 5810 - COMMUNICATIONS SECURITY EQUIPMENT AND COMPONENTS**

Communications Security Equipment

**FSC CLASS 5895 - MISCELLANEOUS COMMUNICATION EQUIPMENT**

Miscellaneous Communications Equipment

NOTE: Installation must be incidental to, in conjunction with and in direct support of the products sold under SIN 132-8 and 132-9 of this contract and cannot be purchased separately. If the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act apply. In applying the Davis-Bacon Act, ordering activities are required to incorporate wage rate determinations into orders, as applicable.

## **Contract # GS-35F-0401X**

**Contract Period: June 1, 2011 – May 31, 2016**

**Pricelist current through Mod #PA-0002, approved 09/27/11.**

### ***Northland Systems, Inc.***

***17200 Medina Road, Suite 800***

***Plymouth, MN 55447***

***Telephone: 763-398-6882***

***Toll Free: 800-409-3132***

***Fax: 952-525-0707***

***Internet: www.northlandusa.com***

***E-mail: dana@northlandusa.com***

***Business Size: Small***

Products and ordering information in this Authorized FSS Information Technology Schedule Pricelist are also available on the GSA Advantage! System. Agencies can browse GSA Advantage! by accessing the Federal Acquisition Service's Home Page via the Internet at <http://www.fss.gsa.gov/>

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## INFORMATION FOR ORDERING ACTIVITIES APPLICABLE TO ALL SPECIAL ITEM NUMBERS

### SPECIAL NOTICE TO AGENCIES: Small Business Participation

SBA strongly supports the participation of small business concerns in the Federal Acquisition Service. To enhance Small Business Participation SBA policy allows agencies to include in their procurement base and goals, the dollar value of orders expected to be placed against the Federal Supply Schedules, and to report accomplishments against these goals.

For orders exceeding the micropurchase threshold, FAR 8.404 requires agencies to consider the catalogs/pricelists of at least three schedule contractors or consider reasonably available information by using the GSA Advantage!™ on-line shopping service ([www.gsaadvantage.gov](http://www.gsaadvantage.gov)). The catalogs/pricelists, GSA Advantage!™ and the Federal Acquisition Service Home Page ([www.gsa.gov/fas](http://www.gsa.gov/fas)) contain information on a broad array of products and services offered by small business concerns.

This information should be used as a tool to assist ordering activities in meeting or exceeding established small business goals. It should also be used as a tool to assist in including small, small disadvantaged, and women-owned small businesses among those considered when selecting pricelists for a best value determination.

For orders exceeding the micropurchase threshold, customers are to give preference to small business concerns when two or more items at the same delivered price will satisfy their requirement.

### 1. GEOGRAPHIC SCOPE OF CONTRACT:

*Domestic delivery* is delivery within the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories. Domestic delivery also includes a port or consolidation point, within the aforementioned areas, for orders received from overseas activities.

*Overseas delivery* is delivery to points outside of the 48 contiguous states, Washington, DC, Alaska, Hawaii, Puerto Rico, and U.S. Territories.

Offerors are requested to check one of the following boxes:

- The Geographic Scope of Contract will be domestic and overseas delivery.  
 The Geographic Scope of Contract will be overseas delivery only.  
 The Geographic Scope of Contract will be domestic delivery only.

### 2. CONTRACTOR'S ORDERING ADDRESS AND PAYMENT INFORMATION:

**Northland Systems, Inc.  
17200 Medina Road, Suite 800  
Plymouth, MN 55447**

The following telephone number(s) can be used by ordering activities to obtain technical and/or ordering assistance: **800-409-3132**

### 3. LIABILITY FOR INJURY OR DAMAGE

The Contractor shall not be liable for any injury to ordering activity personnel or damage to ordering activity property arising from the use of equipment maintained by the Contractor, unless such injury or damage is due to the fault or negligence of the Contractor.

**4. STATISTICAL DATA FOR GOVERNMENT ORDERING OFFICE COMPLETION OF STANDARD FORM 279:**

Block 9: G. Order/Modification under Federal Schedule Contract **70**  
 Block 16: Data Universal Numbering System (DUNS) Number: **966712275**  
 Block 30: Type of Contractor: **B. Other Small Business**  
 Block 31: Woman-Owned Small Business - **No**  
 Block 37: Contractor's Taxpayer Identification Number (TIN): **41-1861687**  
 Block 40: Veteran Owned Small Business (VOSB): **No**

- 4a. CAGE Code: **1FBW7**  
 4b. Contractor has registered with the Central Contractor Registration Database.

**5. FOB DESTINATION**

**6. DELIVERY SCHEDULE**

- a. TIME OF DELIVERY: The Contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as set forth below:

SPECIAL ITEM NUMBER	DELIVERY TIME (Days ARO)
<b>132-8</b> _____	<b>15</b> Days
<b>132-9</b> _____	<b>15</b> Days

- b. URGENT REQUIREMENTS: When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, ordering activities are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering activity, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

<b>132-8</b> _____	<b>1</b> Day (Expedited)
<b>132-9</b> _____	<b>1</b> Day (Expedited)

**7. DISCOUNTS:** Prices shown are NET Prices; Basic Discounts have been deducted.

- a. Prompt Payment: **Net 30**  
 b. Quantity: **None**  
 c. Dollar Volume: **None**  
 d. Government Educational Institutions – **same discount as all other Government customers.**  
 e. Other

**8. TRADE AGREEMENTS ACT OF 1979, as amended:**

All items are U.S. made end products, designated country end products, Caribbean Basin country end products, Canadian end products, or Mexican end products as defined in the Trade Agreements Act of 1979, as amended.

**9. STATEMENT CONCERNING AVAILABILITY OF EXPORT PACKING: Not Applicable**

**10. Small Requirements:** The minimum dollar value of orders to be issued is **\$100**.

**11. MAXIMUM ORDER (All dollar amounts are exclusive of any discount for prompt payment.)**

- a. The Maximum Order value for the following Special Item Numbers (SINs) is **\$500,000**:  
 Special Item Number 132-8 - Purchase of Equipment  
 Special Item Number 132-9 - Purchase of Used or Refurbished Equipment

**12. ORDERING PROCEDURES FOR FEDERAL SUPPLY SCHEDULE CONTRACTS**

Ordering activities shall use the ordering procedures of Federal Acquisition Regulation (FAR) 8.405 when placing an order or establishing a BPA for supplies or services. These procedures apply to all schedules.

- a. FAR 8.405-1 Ordering procedures for supplies, and services not requiring a statement of work.  
 b. FAR 8.405-2 Ordering procedures for services requiring a statement of work.

**13. FEDERAL INFORMATION TECHNOLOGY/TELECOMMUNICATION STANDARDS**

**REQUIREMENTS:** ordering activities acquiring products from this Schedule must comply with the provisions of the Federal Standards Program, as appropriate (reference: NIST Federal Standards Index). Inquiries to determine whether or not specific products listed herein comply with Federal Information Processing Standards (FIPS) or Federal Telecommunication Standards (FED-STDS), which are cited by ordering activities, shall be responded to promptly by the Contractor.

**13.1 FEDERAL INFORMATION PROCESSING STANDARDS PUBLICATIONS (FIPS PUBS):**

Information Technology products under this Schedule that do not conform to Federal Information Processing Standards (FIPS) should not be acquired unless a waiver has been granted in accordance with the applicable "FIPS Publication." Federal Information Processing Standards Publications (FIPS PUBS) are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Information concerning their availability and applicability should be obtained from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161. FIPS PUBS include voluntary standards when these are adopted for Federal use. Individual orders for FIPS PUBS should be referred to the NTIS Sales Office, and orders for subscription service should be referred to the NTIS Subscription Officer, both at the above address, or telephone number (703) 487-4650.

**13.2 FEDERAL TELECOMMUNICATION STANDARDS (FED-STDS):** Telecommunication products under this Schedule that do not conform to Federal Telecommunication Standards (FED-STDS) should not be acquired unless a waiver has been granted in accordance with the applicable "FED-STD." Federal Telecommunication Standards are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Ordering information and information concerning the availability of FED-STDS should be obtained from the GSA, Federal Acquisition Service, Specification Section, 470 East L'Enfant Plaza, Suite 8100, SW, Washington, DC 20407, telephone number (202)619-8925. Please include a self-addressed mailing label when requesting information by mail. Information concerning their applicability can be obtained by writing or calling the U.S. Department of Commerce, National Institute of Standards and Technology, Gaithersburg, MD 20899, telephone number (301)975-2833.

**14. CONTRACTOR TASKS / SPECIAL REQUIREMENTS (C-FSS-370) (NOV 2003)**

- (a) Security Clearances: The Contractor may be required to obtain/possess varying levels of security clearances in the performance of orders issued under this contract. All costs associated with obtaining/possessing such security clearances should be factored into the price offered under the Multiple Award Schedule.

- (b) Travel: The Contractor may be required to travel in performance of orders issued under this contract. Allowable travel and per diem charges are governed by Pub .L. 99-234 and FAR Part 31, and are reimbursable by the ordering agency or can be priced as a fixed price item on orders placed under the Multiple Award Schedule. Travel in performance of a task order will only be reimbursable to the extent authorized by the ordering agency. The Industrial Funding Fee does NOT apply to travel and per diem charges.
- (c) Certifications, Licenses and Accreditations: As a commercial practice, the Contractor may be required to obtain/possess any variety of certifications, licenses and accreditations for specific FSC/service code classifications offered. All costs associated with obtaining/ possessing such certifications, licenses and accreditations should be factored into the price offered under the Multiple Award Schedule program.
- (d) Insurance: As a commercial practice, the Contractor may be required to obtain/possess insurance coverage for specific FSC/service code classifications offered. All costs associated with obtaining/possessing such insurance should be factored into the price offered under the Multiple Award Schedule program.
- (e) Personnel: The Contractor may be required to provide key personnel, resumes or skill category descriptions in the performance of orders issued under this contract. Ordering activities may require agency approval of additions or replacements to key personnel.
- (f) Organizational Conflicts of Interest: Where there may be an organizational conflict of interest as determined by the ordering agency, the Contractor's participation in such order may be restricted in accordance with FAR Part 9.5.
- (g) Documentation/Standards: The Contractor may be requested to provide products or services in accordance with rules, regulations, OMB orders, standards and documentation as specified by the agency's order.
- (h) Data/Deliverable Requirements: Any required data/deliverables at the ordering level will be as specified or negotiated in the agency's order.
- (i) Government-Furnished Property: As specified by the agency's order, the Government may provide property, equipment, materials or resources as necessary.
- (j) Availability of Funds: Many Government agencies' operating funds are appropriated for a specific fiscal year. Funds may not be presently available for any orders placed under the contract or any option year. The Government's obligation on orders placed under this contract is contingent upon the availability of appropriated funds from which payment for ordering purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are available to the ordering Contracting Officer.
- (k) Overtime: For professional services, the labor rates in the Schedule should not vary by virtue of the Contractor having worked overtime. For services applicable to the Service Contract Act (as identified in the Schedule), the labor rates in the Schedule will vary as governed by labor laws (usually assessed a time and a half of the labor rate).

**15. CONTRACT ADMINISTRATION FOR ORDERING ACTIVITIES:** Any ordering activity, with respect to any one or more delivery orders placed by it under this contract, may exercise the same rights of termination as might the GSA Contracting Officer under provisions of FAR 52.212-4, paragraphs (l) Termination for the ordering activity's convenience, and (m) Termination for Cause (See 52.212-4)

## 16. GSA ADVANTAGE!

GSA Advantage! is an on-line, interactive electronic information and ordering system that provides on-line access to vendors' schedule prices with ordering information. GSA Advantage! will allow the user to perform various searches across all contracts including, but not limited to:

- (1) Manufacturer;
- (2) Manufacturer's Part Number; and
- (3) Product categories.

Agencies can browse GSA Advantage! by accessing the Internet World Wide Web utilizing a browser (ex.: NetScape). The Internet address is <http://www.gsaadvantage.gov>

## 17. PURCHASE OF OPEN MARKET ITEMS

NOTE: Open Market Items are also known as incidental items, noncontract items, non-Schedule items, and items not on a Federal Supply Schedule contract. ODCs (Other Direct Costs) are not part of this contract and should be treated as open market purchases. Ordering Activities procuring open market items must follow FAR 8.402(f).

For administrative convenience, an ordering activity contracting officer may add items not on the Federal Supply Multiple Award Schedule (MAS) -- referred to as open market items -- to a Federal Supply Schedule blanket purchase agreement (BPA) or an individual task or delivery order, **only if-**

- (1) All applicable acquisition regulations pertaining to the purchase of the items not on the Federal Supply Schedule have been followed (e.g., publicizing (Part 5), competition requirements (Part 6), acquisition of commercial items (Part 12), contracting methods (Parts 13, 14, and 15), and small business programs (Part 19));
- (2) The ordering activity contracting officer has determined the price for the items not on the Federal Supply Schedule is fair and reasonable;
- (3) The items are clearly labeled on the order as items not on the Federal Supply Schedule; and
- (4) All clauses applicable to items not on the Federal Supply Schedule are included in the order.

## 18. CONTRACTOR COMMITMENTS, WARRANTIES AND REPRESENTATIONS

a. For the purpose of this contract, commitments, warranties and representations include, in addition to those agreed to for the entire schedule contract:

- (1) Time of delivery/installation quotations for individual orders;
- (2) Technical representations and/or warranties of products concerning performance, total system performance and/or configuration, physical, design and/or functional characteristics and capabilities of a product/equipment/ service/software package submitted in response to requirements which result in orders under this schedule contract.
- (3) Any representations and/or warranties concerning the products made in any literature, description, drawings and/or specifications furnished by the Contractor.

b. The above is not intended to encompass items not currently covered by the GSA Schedule contract.

## 19. OVERSEAS ACTIVITIES

The terms and conditions of this contract shall apply to all orders for installation, maintenance and repair of equipment in areas listed in the pricelist outside the 48 contiguous states and the District of Columbia, except as indicated below: **Not Applicable**

Upon request of the Contractor, the ordering activity may provide the Contractor with logistics support, as available, in accordance with all applicable ordering activity regulations. Such ordering activity support will be provided on a reimbursable basis, and will only be provided to the Contractor's technical personnel whose services are exclusively required for the fulfillment of the terms and conditions of this contract.

## 20. BLANKET PURCHASE AGREEMENTS (BPAs)

The use of BPAs under any schedule contract to fill repetitive needs for supplies or services is allowable. BPAs may be established with one or more schedule contractors. The number of BPAs to be established is within the discretion of the ordering activity establishing the BPA and should be based on a strategy that is expected to maximize the effectiveness of the BPA(s). Ordering activities shall follow FAR 8.405-3 when creating and implementing BPA(s).

## 21. CONTRACTOR TEAM ARRANGEMENTS

Contractors participating in contractor team arrangements must abide by all terms and conditions of their respective contracts. This includes compliance with Clauses 552.238-74, Industrial Funding Fee and Sales Reporting, i.e., each contractor (team member) must report sales and remit the IFF for all products and services provided under its individual contract.

## 22. INSTALLATION, DEINSTALLATION, REINSTALLATION

The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of \$2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall receive less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act applies.

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8 or 132-9.

## 23. SECTION 508 COMPLIANCE.

If applicable, Section 508 compliance information on the supplies and services in this contract are available in Electronic and Information Technology (EIT) at the following: **Not Applicable**

The EIT standard can be found at: [www.Section508.gov/](http://www.Section508.gov/).

## 24. PRIME CONTRACTOR ORDERING FROM FEDERAL SUPPLY SCHEDULES.

Prime Contractors (on cost reimbursement contracts) placing orders under Federal Supply Schedules, on behalf of an ordering activity, shall follow the terms of the applicable schedule and authorization and include with each order –

- (a) A copy of the authorization from the ordering activity with whom the contractor has the prime contract (unless a copy was previously furnished to the Federal Supply Schedule contractor); and
- (b) The following statement:  
This order is placed under written authorization from \_\_\_\_\_ dated \_\_\_\_\_. In the event of any inconsistency between the terms and conditions of this order and those of your Federal Supply Schedule contract, the latter will govern.

## 25. INSURANCE—WORK ON A GOVERNMENT INSTALLATION (JAN 1997)(FAR 52.228-5)

- (a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the contract.
- (b) Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—

- (1) For such period as the laws of the State in which this contract is to be performed prescribe;
  - or
  - (2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.
- (c) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

**26. SOFTWARE INTEROPERABILITY. Not Applicable**

**27. ADVANCE PAYMENTS**

A payment under this contract to provide a service or deliver an article for the United States Government may not be more than the value of the service already provided or the article already delivered. Advance or pre-payment is not authorized or allowed under this contract. (31 U.S.C. 3324)

<b>TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY NEW EQUIPMENT (SPECIAL ITEM NUMBER 132-8)</b>
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**1. MATERIAL AND WORKMANSHIP**

All equipment furnished hereunder must satisfactorily perform the function for which it is intended.

**2. ORDER**

Written orders, EDI orders (GSA Advantage! and FACNET), credit card orders, and orders placed under blanket purchase agreements (BPA) agreements shall be the basis for purchase in accordance with the provisions of this contract. If time of delivery extends beyond the expiration date of the contract, the Contractor will be obligated to meet the delivery and installation date specified in the original order.

For credit card orders and BPAs, telephone orders are permissible.

**3. TRANSPORTATION OF EQUIPMENT**

FOB DESTINATION. Prices cover equipment delivery to destination, for any location within the geographic scope of this contract.

**4. INSTALLATION AND TECHNICAL SERVICES**

a. **INSTALLATION.** When the equipment provided under this contract is not normally self-installable, the Contractor's technical personnel shall be available to the ordering activity, at the ordering activity's location, to install the equipment and to train ordering activity personnel in the use and maintenance of the equipment. The charges, if any, for such services are listed below, or in the price schedule:

**Not Applicable**

b. **INSTALLATION, DEINSTALLATION, REINSTALLATION.** The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of \$2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall received less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act applies.

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8 or SIN 132-9.

c. **OPERATING AND MAINTENANCE MANUALS.** The Contractor shall furnish the ordering activity with one (1) copy of all operating and maintenance manuals which are normally provided with the equipment being purchased.

## 5. INSPECTION/ACCEPTANCE

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any equipment that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming equipment at no increase in contract price. The ordering activity must exercise its postacceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

## 6. WARRANTY

a. Unless specified otherwise in this contract, the Contractor's standard commercial warranty as stated in the contract's commercial pricelist will apply to this contract.

Northland Systems, Inc. provides a minimum 1 year Warranty on all products sold. In addition, any and all Manufactures Warranties, varying from 1 year to life-time, will also apply to any and all products provided by Northland Systems, Inc.

b. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

c. Limitation of Liability. Except as otherwise provided by an express or implied warranty, the Contractor will not be liable to the ordering activity for consequential damages resulting from any defect or deficiencies in accepted items.

d. If inspection and repair of defective equipment under this warranty will be performed at the Contractor's plant, the address is as follows: \_\_\_\_

## 7. PURCHASE PRICE FOR ORDERED EQUIPMENT

The purchase price that the ordering activity will be charged will be the ordering activity purchase price in effect at the time of order placement, or the ordering activity purchase price in effect on the installation date (or delivery date when installation is not applicable), whichever is less.

## 8. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City or otherwise) covering work of this character, and shall include all costs, if any, of such compliance in the prices quoted in this offer.

## 9. TRADE-IN OF INFORMATION TECHNOLOGY EQUIPMENT

When an ordering activity determines that Information Technology equipment will be replaced, the ordering activity shall follow the contracting policies and procedures in the Federal Acquisition Regulation (FAR), the policies and procedures regarding disposition of information technology excess personal property in the Federal Property Management Regulations (FPMR) (41 CFR 101-43.6), and the policies and procedures on exchange/sale contained in the FPMR (41 CFR part 101-46).

**TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY USED OR REFURBISHED EQUIPMENT (SPECIAL ITEM NUMBER 132-9)**

**\*\*NOTE:** Used or Refurbished equipment offered under SIN 132-9 must be clearly identified as being used or refurbished in GSA Pricelist pricing charts, GSA Advantage product descriptions, and in any response to a customer Request for Quote (RFQ) or request for information (RFI).\*\*

**1. MATERIAL AND WORKMANSHIP**

All equipment furnished hereunder must satisfactorily perform the function for which it is intended.

**2. ORDER**

Written orders, EDI orders (GSA Advantage! and FACNET), credit card orders, and orders placed under blanket purchase agreements (BPA) agreements shall be the basis for purchase in accordance with the provisions of this contract. If time of delivery extends beyond the expiration date of the contract, the Contractor will be obligated to meet the delivery and installation date specified in the original order.

For credit card orders and BPAs, telephone orders are permissible.

**3. TRANSPORTATION OF EQUIPMENT**

FOB DESTINATION. Prices cover equipment delivery to destination, for any location within the geographic scope of this contract.

**4. INSTALLATION AND TECHNICAL SERVICES**

a. **INSTALLATION.** When the equipment provided under this contract is not normally self-installable, the Contractor's technical personnel shall be available to the ordering activity, at the ordering activity's location, to install the equipment and to train ordering activity personnel in the use and maintenance of the equipment. The charges, if any, for such services are listed below, or in the price schedule:

**Not Applicable**

b. **INSTALLATION, DEINSTALLATION, REINSTALLATION.** The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of \$2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall received less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act applies.

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8 or SIN 132-9.

c. **OPERATING AND MAINTENANCE MANUALS.** The Contractor shall furnish the ordering activity with one (1) copy of all operating and maintenance manuals which are normally provided with the equipment being purchased.

## 5. INSPECTION/ACCEPTANCE

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any equipment that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming equipment at no increase in contract price. The ordering activity must exercise its postacceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

## 6. WARRANTY

a. Unless specified otherwise in this contract, the Contractor's standard commercial warranty as stated in the contract's commercial pricelist will apply to this contract.

Northland Systems, Inc. provides a minimum 1 year Warranty on all products sold. In addition, any and all Manufactures Warranties, varying from 1 year to life-time, will also apply to any and all products provided by Northland Systems, Inc.

b. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

c. Limitation of Liability. Except as otherwise provided by an express or implied warranty, the Contractor will not be liable to the ordering activity for consequential damages resulting from any defect or deficiencies in accepted items.

d. If inspection and repair of defective equipment under this warranty will be performed at the Contractor's plant, the address is as follows: **Northland Systems, Inc.**  
**17200 Medina Road, Suite 800**  
**Plymouth, MN 55447**

## 7. PURCHASE PRICE FOR ORDERED EQUIPMENT

The purchase price that the ordering activity will be charged will be the ordering activity purchase price in effect at the time of order placement, or the ordering activity purchase price in effect on the installation date (or delivery date when installation is not applicable), whichever is less.

## 8. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City or otherwise) covering work of this character, and shall include all costs, if any, of such compliance in the prices quoted in this offer.

## 9. TRADE-IN OF INFORMATION TECHNOLOGY EQUIPMENT

When an ordering activity determines that Information Technology equipment will be replaced, the ordering activity shall follow the contracting policies and procedures in the Federal Acquisition Regulation (FAR), the policies and procedures regarding disposition of information technology excess personal property in the Federal Property Management Regulations (FPMR) (41 CFR 101-43.6), and the policies and procedures on exchange/sale contained in the FPMR (41 CFR part 101-46).

**USA COMMITMENT TO PROMOTE SMALL BUSINESS  
PARTICIPATION PROCUREMENT PROGRAMS**

**PREAMBLE**

Northland Systems, Inc. provides commercial products and services to ordering activities. We are committed to promoting participation of small, small disadvantaged and women-owned small businesses in our contracts. We pledge to provide opportunities to the small business community through reselling opportunities, mentor-protégé programs, joint ventures, teaming arrangements, and subcontracting.

**COMMITMENT**

To actively seek and partner with small businesses.

To identify, qualify, mentor and develop small, small disadvantaged and women-owned small businesses by purchasing from these businesses whenever practical.

To develop and promote company policy initiatives that demonstrate our support for awarding contracts and subcontracts to small business concerns.

To undertake significant efforts to determine the potential of small, small disadvantaged and women-owned small business to supply products and services to our company.

To insure procurement opportunities are designed to permit the maximum possible participation of small, small disadvantaged, and women-owned small businesses.

To attend business opportunity workshops, minority business enterprise seminars, trade fairs, procurement conferences, etc., to identify and increase small businesses with whom to partner.

To publicize in our marketing publications our interest in meeting small businesses that may be interested in subcontracting opportunities.

We signify our commitment to work in partnership with small, small disadvantaged and women-owned small businesses to promote and increase their participation in ordering activity contracts. To accelerate potential opportunities please contact:

**Ms. Dana McMasters, Phone: 763-398-6882, email: [dana@northlandusa.com](mailto:dana@northlandusa.com) , Fax: 952-525-0707.**



BPA NUMBER \_\_\_\_\_

**(CUSTOMER NAME)  
BLANKET PURCHASE AGREEMENT**

Pursuant to GSA Federal Supply Schedule Contract Number(s) \_\_\_\_\_, Blanket Purchase Agreements, the Contractor agrees to the following terms of a Blanket Purchase Agreement (BPA) EXCLUSIVELY WITH (ordering activity):

(1) The following contract items can be ordered under this BPA. All orders placed against this BPA are subject to the terms and conditions of the contract, except as noted below:

MODEL NUMBER/PART NUMBER	*SPECIAL BPA DISCOUNT/PRICE
_____	_____
_____	_____
_____	_____

(2) Delivery:

DESTINATION	DELIVERY SCHEDULES / DATES
_____	_____
_____	_____
_____	_____

(3) The ordering activity estimates, but does not guarantee, that the volume of purchases through this agreement will be \_\_\_\_\_.

(4) This BPA does not obligate any funds.

(5) This BPA expires on \_\_\_\_\_ or at the end of the contract period, whichever is earlier.

(6) The following office(s) is hereby authorized to place orders under this BPA:

OFFICE	POINT OF CONTACT
_____	_____
_____	_____
_____	_____

(7) Orders will be placed against this BPA via Electronic Data Interchange (EDI), FAX, or paper.

(8) Unless otherwise agreed to, all deliveries under this BPA must be accompanied by delivery tickets or sales slips that must contain the following information as a minimum:

- (a) Name of Contractor;
- (b) Contract Number;
- (c) BPA Number;
- (d) Model Number or National Stock Number (NSN);
- (e) Purchase Order Number;
- (f) Date of Purchase;

(g) Quantity, Unit Price, and Extension of Each Item (unit prices and extensions need not be shown when incompatible with the use of automated systems; provided, that the invoice is itemized to show the information); and

(h) Date of Shipment.

(9) The requirements of a proper invoice are specified in the Federal Supply Schedule contract. Invoices will be submitted to the address specified within the purchase order transmission issued against this BPA.

(10) The terms and conditions included in this BPA apply to all purchases made pursuant to it. In the event of an inconsistency between the provisions of this BPA and the Contractor's invoice, the provisions of this BPA will take precedence.

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**BASIC GUIDELINES FOR USING  
“CONTRACTOR TEAM ARRANGEMENTS”**

Federal Supply Schedule Contractors may use “Contractor Team Arrangements” (see FAR 9.6) to provide solutions when responding to a ordering activity requirements.

These Team Arrangements can be included under a Blanket Purchase Agreement (BPA). BPAs are permitted under all Federal Supply Schedule contracts.

Orders under a Team Arrangement are subject to terms and conditions of the Federal Supply Schedule Contract.

Participation in a Team Arrangement is limited to Federal Supply Schedule Contractors.

Customers should refer to FAR 9.6 for specific details on Team Arrangements.

Here is a general outline on how it works:

- The customer identifies their requirements.
- Federal Supply Schedule Contractors may individually meet the customers needs, or -
- Federal Supply Schedule Contractors may individually submit a Schedules “Team Solution” to meet the customer’s requirement.
- Customers make a best value selection.

**SIN: 132-8 - New Equipment**

Eff:9/27/20111

<b>MFG</b>	<b>MFR Part #</b>	<b>Product Description</b>	<b>GSA Price (w/ IFF)</b>
<b>Aggregation Taps</b>			
VSS	V 1.1 E.E-N	10G v1x1 ER Tap	\$ 345.67
VSS	V 1.1 L.L-O	All Optical v1x1 LX/LR Tap	\$ 345.67
VSS	V 1.1 S.S-N-50	10G v1x1 SR Tap with 50:50 splitter	\$ 1,515.28
VSS	V 1.1 S.S-O	All Optical v1x1 SX Tap	\$ 345.67
VSS	V 1.1 Z.Z-O	All Optical v1x1 ZX/ZR Tap	\$ 345.67
VSS	V 6.6 E.E-N	10G v6x6 ER Fiber Tap	\$ 2,074.04
VSS	V 6.6 L.L-O	All Optical v6x6 LX/LR Fiber Tap	\$ 2,074.04
VSS	V 6.6 S.S-N-50	10G v6x6 SR Fiber Tap with 50:50 splitters	\$ 9,091.68
VSS	V 6.6 S.S-O	All Optical v6x6 SX Fiber Tap	\$ 2,074.04
VSS	V 6.6 Z.Z-O	All Optical v6x6 ZX/ZR Fiber Tap	\$ 2,074.04
VSS	V 12.12 E.E-N	10G v12x12 ER Fiber Tap	\$ 4,148.08
VSS	V 12.12 L.L-O	All-Optical v12x12 LX/LR Fiber Tap	\$ 4,148.08
VSS	V 12.12 S.S-N-50	10G v12x12 SR Fiber Tap with 50:50 splitters	\$18,183.36
VSS	V 12.12 S.S-O	All-Optical v12x12 SX Fiber Tap	\$ 4,148.08
VSS	V 12.12 Z.Z-O	All-Optical v12x12 ZX/ZR Fiber Tap	\$ 4,148.08
<b>Powered Electrical Taps</b>			
VSS	V 1.1 C.C-E	10/100 v1x1 Copper Tap	\$ 364.61
VSS	V 1.1 C.C-F	10/100/1000 v1x1 Copper Tap	\$ 942.31
VSS	V 6.6 C.C-E	10/100 v6x6 High Density Tap	\$ 2,078.77
VSS	V 12.12 C.C-E	10/100 v12x12 High Density Tap (2Cu & 2SFP)	\$ 3,499.35
VSS	V 24.24 C.C-E	10/100 v24x24 High Density Tap	\$ 4,351.69
<b>Powered Conversion Taps</b>			
VSS	V 1.1 C.S-FJ	Gigabit Cu-SX converter Tap	\$ 1,752.04
VSS	V 1.1 L.C-J	Gigabit LX-Cu converter Tap	\$ 1,941.45
VSS	V 1.1 L.S-J	Gigabit LX-SX converter Tap	\$ 2,414.98
VSS	V 1.1 S.C-J	Gigabit SX-Cu converter Tap	\$ 2,130.86
VSS	V 1.1 Z.C-J	Gigabit ZX-Cu converter Tap	\$ 2,793.80
VSS	V 1.1 Z.S-J	Gigabit ZX-SX converter Tap	\$ 2,793.80
<b>Aggregation Taps: Non-Filtering</b>			
VSS	V 1.2 C.C-F-A	10/100/1000 v1x2 Aggregation Tap	\$ 2,003.01
VSS	V 1.2 C.C-F-C	10/100/1000 v1x2 Combination Tap	\$ 2,036.16
VSS	V 1.2 C.S-FJ-A	Gigabit v1x2 Cu-SX Aggregation Tap	\$ 2,130.86
VSS	V 1.2 L.C-J-A	Gigabit v1x2 LX-Cu Aggregation Tap	\$ 2,509.68
VSS	V 1.2 L.L-J-A	Gigabit v1x2 LX Aggregation Tap	\$ 2,514.42
VSS	V 1.2 L.Z-J-A	Gigabit v1x2 LX Aggregation Tap	\$ 2,647.00
VSS	V 1.2 S.C-J-A	Gigabit v1x2 SX-Cu Aggregation Tap	\$ 2,225.57
VSS	V 1.2 S.S-J-A	Gigabit v1x2 SX Aggregation Tap	\$ 2,325.01
VSS	V 1.2 Z.C-J-A	Gigabit v1x2 ZX-Cu Aggregation Tap	\$ 2,699.09
VSS	V 1.2 Z.Z-J-A	Gigabit v1x2 ZX Aggregation Tap	\$ 2,798.53
VSS	V 1.3 C.C-E-A	10/100 v1x3 Aggregation Tap	\$ 999.14
VSS	V 2.1 C.C-F-A	10/100/1000 v2x1 Aggregation Tap	\$ 2,699.09
VSS	V 2.1 C.L-F.J-A	10/100/100 v2x1 Cu-LX Aggregation Tap	\$ 2,888.50
VSS	V 2.1 C.S-F.J-A	10/100/1000 v2x1 Cu-SX Aggregation Tap	\$ 2,699.09
VSS	V 2.1 C.Z-F.J-A	10/100/100 v2x1 Cu-ZX Aggregation Tap	\$ 3,362.03
VSS	V 4.1 C.C-F-A-span	10/100/1000 v4x1 Span Port Aggregator	\$ 2,036.16
VSS	V 4.1 C.L-F-A-span	10/100/1000 v4x1 Cu-LX Port Aggregator	\$ 2,225.57
VSS	V 4.1 C.S-F-A-span	10/100/1000 v4x1 Cu-SX Port Aggregator	\$ 2,036.16
VSS	V 4.1 C.Z-F-A-span	10/100/1000 v4x1 Cu-ZX Port Aggregator	\$ 2,509.68
VSS	V 6.4 C.C-EF-AS	10/100-1000 v6x4 Distributed Tap	\$ 4,309.08
VSS	V 12.4 C.C-EF-AS	10/100-1000 v12x4 Distributed Tap (2Cu & 2SFP)	\$ 7,813.16
VSS	V 12.4 C.C-EF-AS-span	10/100-1000 v12x4 Distributed Span Tool (2Cu & 2SFP)	\$ 4,309.08
VSS	V 24.4 C.C-EF-AS-span	10/100-1000 v24x4 Distributed Span Tool (2Cu & 2SFP)	\$ 7,813.16
<b>Aggregation Taps: Filtering</b>			

Northland Systems, Inc.  
17200 Medina Road, Suite 800.,  
Plymouth, MN 55447

GSA Contract GS-35F-0401X  
Telephone: 763-398-6882

Contract Period: June 1, 2011 – May 31, 2016  
Toll Free: 800-409-3132

VSS	V 1.2 C.C-F-AF	10/100/100 v1x2 Distributed Input Filter Tap	\$ 3,077.91
VSS	V 1.2 C.C-F-AF-2	10/100/1000 v1x2 Distributed Filter Tap	\$ 3,077.91
VSS	V 1.2 C.L-FJ-AF	Gigabit v1x2 Cu-LX Distributed Filter Tap (Type 1)	\$ 2,798.53
VSS	V 1.2 C.L-FJ-AF-2	Gigabit v1x2 Cu-LX Distributed Filter Tap (Type 2)	\$ 2,798.53
VSS	V 1.2 C.S-FJ-AF	Gigabit v1x2 Cu-SX Distributed Filter Tap (Type 1)	\$ 2,798.53
VSS	V 1.2 C.S-FJ-AF-2	Gigabit v1x2 Cu-SX Distributed Filter Tap (Type 2)	\$ 2,798.53
VSS	V 1.2 L.C-JF-AF	Gigabit v1x2 LX-Cu Distributed Filter Tap (Type 1)	\$ 4,119.67
VSS	V 1.2 L.C-JF-AF-2	Gigabit v1x2 LX-Cu Distributed Filter Tap (Type 2)	\$ 4,119.67
VSS	V 1.2 L.L-J-AF	Gigabit v1x2 LX Distributed Filter Tap (Type 1)	\$ 3,646.14
VSS	V 1.2 L.L-J-AF-2	Gigabit v1x2 LX Distributed Filter Tap (Type 2)	\$ 3,646.14
VSS	V 1.2 S.C-JF-AF	Gigabit v1x2 SX-Cu Distributed Filter Tap (Type 1)	\$ 3,646.14
VSS	V 1.2 S.C-JF-AF-2	Gigabit v1x2 SX-Cu Distributed Filter Tap (Type 2)	\$ 3,646.14
VSS	V 1.2 S.S-J-AF	Gigabit v1x2 SX Distributed Filter Tap (Type 1)	\$ 3,646.14
VSS	V 1.2 S.S-J-AF-2	Gigabit v1x2 SX Distributed Filter Tap (Type 2)	\$ 3,646.14
VSS	V 1.2 Z.C-JF-AF	Gigabit v1x2 ZX-Cu Distributed Filter Tap (Type 1)	\$ 4,593.19
VSS	V 1.2 Z.C-JF-AF-2	Gigabit v1x2 ZX-Cu Distributed Filter Tap (Type 2)	\$ 4,593.19
<b>Injection</b>			
VSS	V 1.3 C.C-E-IS	10/100 v1x3 Remotely Managed Injection Tap	\$ 1,093.84
VSS	V 2.1 C.C-F-I	10/100/1000 v2x1 Injection Tap	\$ 3,077.91
VSS	V 4.1 C.C-F-I	10/100/1000 v4x1 Span Port Injection Aggregator	\$ 2,130.86
VSS	V 12.4 C.C-F-IS	10/100/1000 v12x4 Distributed Injection Tap (2Cu & 2SFP)	\$ 6,960.82

**Regeneration/Replication Taps**

VSS	V 1.12 L.L-H	OC3 v1x12 LX Tap	\$ 3,504.09
VSS	V 1.12 L.L-I	OC12 v1x12 LX Tap	\$ 3,362.03
VSS	V 1.12 L.L-J	Gigabit v1x12 LX Tap	\$ 2,557.04
VSS	V 1.12 L.L-K	OC48 v1x12 LX Tap	\$ 5,208.78
VSS	V 1.12 L.S.L-J	Gigabit v1x12 LX-SX.LX Converter Tap	\$ 2,793.80
VSS	V 1.12 S.S-H	OC3 v1x12 SX Tap	\$ 2,793.80
VSS	V 1.12 S.S-I	OC12 v1x12 SX Tap	\$ 2,793.80
VSS	V 1.12 S.S-J	Gigabit v1x12 SX Tap	\$ 2,557.04
VSS	V 1.12 Z.Z-H	OC3 v1x12 ZX Tap	\$ 3,504.09
VSS	V 1.12 Z.Z-I	OC12 v1x12 ZX Tap	\$ 3,882.91
VSS	V 1.12 Z.Z-J	Gigabit v1x12 ZX Tap	\$ 3,504.09
VSS	V 1.16 L.L-H	OC3 v1x16 LX Tap	\$ 3,882.91
VSS	V 1.16 L.L-I	OC12 v1x16 LX Tap	\$ 3,646.14
VSS	V 1.16 L.L-J	Gigabit v1x16 LX Tap	\$ 2,841.15
VSS	V 1.16 L.L-K	OC48 v1x16 LX Tap	\$ 5,777.01
VSS	V 1.16 S.S-H	OC3 v1x16 SX Tap	\$ 3,077.91
VSS	V 1.16 S.S-I	OC12 v1x16 SX Tap	\$ 3,077.91
VSS	V 1.16 S.S-J	Gigabit v1x16 SX Tap	\$ 2,841.15
VSS	V 1.16 Z.Z-H	OC3 v1x16 ZX Tap	\$ 3,882.91
VSS	V 1.16 Z.Z-I	OC12 v1x16 ZX Tap	\$ 4,356.43
VSS	V 1.16 Z.Z-J	Gigabit v1x16 ZX Tap	\$ 3,882.91
VSS	V 1.4 C.C-F-span	10/100/1000 v1x4 Span Port Replicator	\$ 2,036.16
VSS	V 1.4 L.C-JF-span	10/100/1000 v1x4 LX-Cu Port Replicator	\$ 2,225.57
VSS	V 1.4 L.L-H	OC3 v1x4 LX Tap	\$ 2,343.95
VSS	V 1.4 L.L-I	OC12 v1x4 LX Tap	\$ 2,533.36
VSS	V 1.4 L.L-J	Gigabit v1x4 LX Tap	\$ 1,775.72
VSS	V 1.4 L.L-K	OC48 v1x4 LX Tap	\$ 4,024.96
VSS	V 1.4 S.C-JF-span	10/100/1000 v1x4 SX-Cu Span Port Replicator	\$ 1,846.75
VSS	V 1.4 S.S-H	OC3 v1x4 SX Tap	\$ 1,965.13
VSS	V 1.4 S.S-I	OC12 v1x4 SX Tap	\$ 1,965.13
VSS	V 1.4 S.S-J	Gigabit v1x4 SX Tap	\$ 1,775.72
VSS	V 1.4 S.S-K	OC48 v1x4 SX Tap	\$ 6,866.11
VSS	V 1.4 Z.C-JF-span	10/100/1000 v1x4 ZX-Cu Span Port Replicator	\$ 2,414.98
VSS	V 1.4 Z.Z-H	OC3 v1x4 ZX Tap	\$ 2,343.95
VSS	V 1.4 Z.Z-I	OC12 v1x4 ZX Tap	\$ 3,006.88
VSS	V 1.4 Z.Z-J	Gigabit v1x4 ZX Tap	\$ 2,343.95

VSS	V 1.6 C.C-E	10/100 v1x6 Copper Tap	\$ 932.84
VSS	V 1.8 L.L-H	OC3 v1x8 LX Tap	\$ 2,694.36
VSS	V 1.8 L.L-I	OC12 v1x8 LX Tap	\$ 3,006.88
VSS	V 1.8 L.L-J	Gigabit v1x8 LX Tap	\$ 2,320.27
VSS	V 1.8 L.L-K	OC48 v1x8 LX Tap	\$ 4,498.49
VSS	V 1.8 L.S-J	Gigabit LX-SX v1x8 Fiber Tap	\$ 4,735.25
VSS	V 1.8 L.S-K	OC48 LX-SX v1x8 Fiber Tap	\$ 4,735.25
VSS	V 1.8 S.S-H	OC3 v1x8 SX Tap	\$ 2,438.65
VSS	V 1.8 S.S-I	OC12 v1x8 SX Tap	\$ 2,438.65
VSS	V 1.8 S.S-J	Gigabit v1x8 SX Tap	\$ 2,178.22
VSS	V 1.8 S.S-J-A	Gigabit v1x8 SX Aggregation Tap	\$ 4,900.98
VSS	V 1.8 Z.Z-H	OC3 v1x8 ZX Tap	\$ 3,125.27
VSS	V 1.8 Z.Z-I	OC12 v1x8 ZX Tap	\$ 3,598.79
VSS	V 1.8 Z.Z-J	Gigabit v1x8 ZX Tap	\$ 3,125.27
VSS	V 1.4 L.P-N	10Gigabit v2x8 LR Tap	\$12,074.89
VSS	V 2.8 L.P-N-SPAN	10Gigabit v2x8 LR Span Tool	\$12,074.89
VSS	V 1.4 S.P-N	10Gigabit v2x8 SR Tap	\$10,370.20
VSS	V 2.8 S.P-N-SPAN	10Gigabit v2x8 SR Span Tool	\$10,370.20
VSS	V 1.4 E.P-N	10Gigabit v2x8 ER Tap	\$19,840.70
VSS	V 2.8 E.P-N-SPAN	10Gigabit v2x8 ER Span Tool	\$19,840.70
VSS	V 1.8 L.P-N	10Gigabit v2x16 LR Tap	\$13,495.46
VSS	V 2.16 L.P-N-SPAN	10Gigabit v2x16 LR Span Tool	\$13,495.46
VSS	V 1.8 S.P-N	10Gigabit v2x16 SR Tap	\$12,074.89
VSS	V 2.16 S.P-N-SPAN	10Gigabit v2x16 SR Span Tool	\$12,074.89
VSS	V 1.8 E.P-N	10Gigabit v2x16 ER Tap	\$29,121.79
VSS	V 2.16 E.P-N-SPAN	10Gigabit v2x16 ER Span Tool	\$29,121.79
<b>Tap Switches</b>			
VSS	V 8.1 L.L-O-S	All Optical LX v8x1 Tap Switch - inline	\$11,980.18
VSS	V 8.1 L.L-O-S-span	All Optical LX v8x1 Span Switch	\$ 8,854.92
VSS	V 8.1 S.S-O-S	All Optical SX v8x1 Tap Switch - inline	\$11,980.18
VSS	V 8.1 S.S-O-S-span	All Optical SX v8x1 Span Switch	\$ 8,854.92
VSS	V 8.1 Z.Z-O-S	All Optical ZX v8x1 Tap Switch - inline	\$11,980.18
VSS	V 8.1 Z.Z-O-S-span	All Optical ZX v8x1 Span Switch	\$ 8,854.92
VSS	V 8.2 L.L-H-S	OC3 v8x2 LX Tap Switch - inline	\$15,010.74
VSS	V 8.2 L.L-H-S-span	OC3 v8x2 LX Span Switch	\$12,927.23
VSS	V 8.2 L.L-J -S	Gigabit v8x2 LX Tap Switch - inline	\$15,010.74
VSS	V 8.2 L.L-J-S-span	Gigabit v8x2 LX Span Switch	\$12,927.23
VSS	V 8.2 L.L-J-S-span	Gigabit v8x2 LX Span Switch (incl. Monitor. Ports)	\$14,063.69
VSS	V 8.2 L.S-J-S	Gigabit v8x2 LX-SX Tap Switch - inline	\$15,010.74
VSS	V 8.2 L.S-J-S-span	Gigabit v8x2 LX-SX Span Switch	\$12,927.23
VSS	V 8.2 S.S-H-S	OC3 v8x2 Fiber Tap Switch - inline	\$13,400.76
VSS	V 8.2 S.S-H-S-span	OC3 v8x2 Fiber Span Switch	\$11,317.25
VSS	V 8.2 S.S-H-S-span	OC3 v8x2 Fiber Span Switch (incl. Monitor Ports)	\$12,785.18
VSS	V 8.2 S.S-J-S	Gigabit v8x2 Fiber Tap Switch - inline	\$12,453.71
VSS	V 8.2 S.S-J-S-span	Gigabit v8x2 SX Span Switch	\$ 9,896.67
VSS	V 8.2 S.S-J-S-span	Gigabit v8x2 SX Span Switch (incl. Monitor Ports)	\$11,317.25
VSS	V 8.2 S.S-O-S	All Optical SX v8x2 Fiber Tap Switch - Inline	\$13,400.76
VSS	V 8.2 S.S-O-S-span	All Optical SX v8x2 Fiber Span Switch	\$11,317.25
VSS	V 8.2 S.S-O-S-span	All Optical SX v8x2 Fiber Span Switch (incl. Monitor Ports)	\$12,785.18
VSS	V 8.2 Z.Z-H-S	OC3 v8x2 ZX Tap Switch - inline	\$17,473.07
VSS	V 8.2 Z.Z-H-S-span	OC3 v8x2 ZX Span Switch	\$15,389.56
VSS	V 8.2 Z.Z-J -S	Gigabit v8x2 ZX Tap Switch - inline	\$17,473.07
VSS	V 8.2 Z.Z-J-S-span	Gigabit v8x2 ZX Span Switch	\$15,389.56
VSS	V 8.2 Z.Z-J-S-span	Gigabit v8x2 ZX Span Switch (incl. Monitor Ports)	\$16,454.99
<b>Power Supplies</b>			
VSS	V-2.20-U.5	5-Volt 20-Output Power Supply	\$ 3,077.91
VSS	V-2.20-U.9	9-Volt 20-Output Power Supply	\$ 3,077.91

**Note:** Prices of DC power supplies will differ, and a price will be quoted by VSS upon request

**Rack and Chassis Pieces**

VSS	V-C-3S	3-Slot Rackmount Chassis	\$ 47.35
VSS	V-P-3S	Cover Plate - Small	\$ 11.36
VSS	V-C-2S	2-Slot Rackmount Chassis	\$ 47.35
VSS	V-CF-2S	2-Slot Enclosed Rackmount Chassis	\$ 350.41
VSS	V-P-2S	Cover Plate - Medium	\$ 11.36

**Pluggable Network Modules:****Small Form-factor Pluggable Transceivers**

VSS	V-SFP-10	Single Form Pluggable - Copper 1000base-T	\$ 127.85
VSS	V-SFP-11	Single Form Pluggable - Fiber SX 1000base-SX	\$ 80.50
VSS	V-SFP-12	Single Form Pluggable - Fiber LX 1000base-LX	\$ 71.03
VSS	V-SFP-13	Single Form Pluggable - Fiber ZX 1000base-ZX	\$ 355.14
VSS	V-SFP-20	Single Form Pluggable - Copper 10/100/1000base-T (won't work with Protector 2020)	\$ 127.85

**Small Form-factor Pluggable-Plus Transceivers**

VSS	V-SFP-16	Single Form Pluggable Plus - LR/LX 10G/1G (The 1G speed is not currently supported)	\$ 899.70
VSS	V-SFP-17	Single Form Pluggable Plus - SR/SX 10G/1G (The 1G speed is not currently supported)	\$ 733.96
VSS	V-SFP-23	Single Form Pluggable Plus - ER 10G	\$ 2,130.86
VSS	V 8 C-F-FV3	v8 10/100/1000 Distributed Filter Tap; <i>Specify Power supply</i>	\$ 5,303.48

**10/100/1000 & 1G**

VSS	V 12.4 C.C-F-V3	v12x4 10/100/1000 Distributed Tap (4SFP); <i>Specify Power supply</i>	\$ 6,061.12
VSS	V 12.4 L.C-J-V3	v12x4 Gigabit LX Distributed Tap (4SFP); <i>Specify Split ratio &amp; Power supply</i>	\$ 6,061.12
VSS	V 12.4 L.C-J-V3span	v12x4 Gigabit LX Distributed Span Tool (4SFP); <i>Specify Power supply</i>	\$ 6,061.12
VSS	V 12.4 S.C-J-V3	v12x4 Gigabit SX Distributed Tap (4SFP); <i>Specify Split ratio, Fiber core, &amp; Power supply</i>	\$ 6,061.12
VSS	V 12.4 S.C-J-V3span	v12x4 Gigabit SX Distributed Span Tool (4SFP); <i>Specify Power supply</i>	\$ 6,061.12
VSS	V 12.4 Z.C-J-V3	v12x4 Gigabit ZX Distributed Tap (4SFP); <i>Specify Split ratio &amp; Power supply</i>	\$14,773.98
VSS	V 12.4 Z.C-J-V3span	v12x4 Gigabit ZX Distributed Span Tool (4SFP); <i>Specify Power supply</i>	\$14,773.98
VSS	V 16.8 C.C-F-AS	v16x8 10/100/1000 Distributed Tap (8 SFP); <i>Specify Power supply</i>	\$10,796.37
VSS	V 16.8 L.C-J-AS	v16x8 Gigabit LX Distributed Tap (8 SFP); <i>Specify Split ratio &amp; Power supply</i>	\$10,796.37
VSS	V 16.8 L.C-J-AS-span	v16x8 Gigabit LX Distributed Span Tool (8 SFP); <i>Specify Power supply</i>	\$10,796.37
VSS	V 16.8 S.C-J-AS	v16x8 Gigabit SX Distributed Tap (8 SFP); <i>Specify Split ratio, Fiber core, &amp; Power supply</i>	\$10,796.37
VSS	V 16.8 S.C-J-AS-span	v16x8 Gigabit SX Distributed Span Tool (8 SFP); <i>Specify Fiber core &amp; Power supply</i>	\$10,796.37
VSS	V 16.8 Z.C-J-AS	v16x8 Gigabit ZX Distributed Tap (8 SFP); <i>Specify Split ratio &amp; Power supply</i>	\$22,160.97
VSS	V 16.8 Z.C-J-AS-span	v16x8 Gigabit ZX Distributed Span Tool (8 SFP); <i>Specify Split ratio &amp; Power supply</i>	\$22,160.97

**10/100/1000, 1G, & 10G**

VSS	V 2.16 X.C-NF-AS	v2x16 10/100/1000/10G Distributed Tap (2 XFP); <i>Specify Power supply</i>	\$11,932.83
VSS	V 2.16 X.L-NJ-AS	v2x16 1G/10G LX Distributed Tap (2 XFP); <i>Specify Split ratio &amp; Power supply</i>	\$11,932.83

VSS	V 2.16 X.L-NJ-AS-span	v2x16 1G/10G LX Distributed Span Tool (2 XFP); <i>Specify Power supply</i>	\$11,932.83
VSS	V 2.16 X.S-NJ-AS	v2x16 1G/10G SX Distributed Tap (2 XFP); <i>Specify Split ratio, Fiber core, &amp; Power supply</i>	\$11,932.83
VSS	V 2.16 X.S-NJ-AS-span	v2x16 1G/10G SX Distributed Span Tool (2 XFP); <i>Specify Fiber core &amp; Power supply</i>	\$11,932.83
VSS	V 2.16 X.Z-NJ-AS	v2x16 1G/10G ZX Advanced Distributed Tap (2 XFP); <i>Specify Split ratio &amp; Power supply</i>	\$16,857.49
VSS	V 2.16 X.Z-NJ-AS-span	v2x16 1G/10G ZX Advanced Distributed Span Tool (2 XFP); <i>Specify Power supply</i>	\$16,857.49
VSS	V 4.24 X.C-NF-AS	v4x24 10/100/1000/10G Distributed Tap (4 XFP, 8 SFP); <i>Specify Power supply</i>	\$20,266.87
VSS	V 4.24 X.L-NJ-AS	v4x24 1G/10G LX Distributed Tap (4 XFP, 8 SFP); <i>Specify Split ratio &amp; Power supply</i>	\$20,266.87
VSS	V 4.24 X.L-NJ-AS-span	v4x24 1G/10G LX Distributed Span Tool (4 XFP, 8 SFP); <i>Specify Power supply</i>	\$20,266.87
VSS	V 4.24 X.S-NJ-AS	v4x24 1G/10G SX Distributed Tap (4 XFP, 8 SFP); <i>Specify Split ratio, Fiber core, &amp; Power supply</i>	\$20,266.87
VSS	V 4.24 X.S-NJ-AS-span	v4x24 1G/10G SX Distributed Span Tool (4 XFP, 8 SFP); <i>Specify Fiber core &amp; Power supply</i>	\$20,266.87
VSS	V 4.24 X.Z-NJ-AS	v4x24 1G/10G ZX Distributed Tap (4 XFP, 8 SFP); <i>Specify Split ratio &amp; Power supply</i>	\$25,191.53
VSS	V 4.24 X.Z-NJ-AS-span	v4x24 1G/10G ZX Distributed Span Tool (4 XFP, 8 SFP); <i>Specify Power supply</i>	\$25,191.53
	<b>1G &amp; 10G</b>		
	<b>- Without Filtering</b>		
VSS	V 24 E.P-NJ-AS-70	v24 ER Distributed Tap with 4 ports activated, 70/30 splitter; <i>Specify Power supply</i>	\$27,464.45
VSS	V 24 E.P-NJ-AS-span	v24 ER Distributed Span Tool with 4 ports activated; <i>Specify Power supply</i>	\$27,464.45
VSS	V 24 L.P-NJ-AS-70	v24 LR Distributed Tap with 4 ports activated, 70/30 splitter; <i>Specify Power supply</i>	\$21,403.33
VSS	V 24 L.P-NJ-AS-span	v24 LR Distributed Span Tool with 4 ports activated; <i>Specify Power supply</i>	\$21,403.33
VSS	V 24 S.P-NJ-AS-50	v24 SR Distributed Tap with 4 ports activated, 50/50 splitter; <i>Specify Fiber core &amp; Power supply</i>	\$21,403.33
VSS	V 24 S.P-NJ-AS-span	v24 SR Distributed Span Tool with 4 ports activated; <i>Specify Fiber core &amp; Power supply</i>	\$21,403.33
VSS	V 24 L.P-N-ASL-70	v24 LR Distributed Tap with all 24 ports activated, 70:30 splitter (20 SFP+); <i>Specify Power supply</i>	\$48,015.44
VSS	V 24 L.P-N-ASL-span	v24 LR Distributed Span Tool with all 24 ports activated (20 SFP+); <i>Specify Power supply</i>	\$48,015.44
VSS	V 24 S.P-N-ASL-50	v24 SR Distributed Tap with all 24 ports activated, 50:50 splitter (20 SFP+); <i>Specify Fiber core &amp; Power supply</i>	\$48,015.44
VSS	V 24 S.P-N-ASL-span	v24 SR Distributed Span Tool with all 24 ports activated (20 SFP+); <i>Specify Fiber core &amp; Power supply</i>	\$48,015.44
VSS	V 24 E.P-N-ASL-70	v24 ER Distributed Tap with all 24 ports activated, 70:30 splitter (20 SFP+); <i>Specify Power supply</i>	\$54,076.56
VSS	V 24 E.P-N-ASL-span	v24 ER Distributed Span Tool with all 24 ports activated (20 SFP+); <i>Specify Power supply</i>	\$54,076.56
	<b>- With Filtering</b>		
VSS	V 24 E.P-NF-AF-70	v24 ER Distributed Filter Tap with 4 ports activated, 70/30 splitter; <i>Specify Power supply</i>	\$29,737.37
VSS	V 24 E.P-NF-AF-span	v24 ER Distributed Filter Span Tool with 4 ports activated; <i>Specify Power supply</i>	\$29,737.37

VSS	V 24 L.P-NF-AF-70	v24 LR Distributed Filter Tap with 4 ports activated, 70/30 splitter; <i>Specify Power supply</i>	\$23,676.25
VSS	V 24 L.P-NF-AF-span	v24 LR Distributed Filter Span Tool with 4 ports activated; <i>Specify Power supply</i>	\$23,676.25
VSS	V 24 S.P-NF-AF-50	v24 SR Distributed Filter Tap with 4 ports activated, 50/50 splitter; <i>Specify Fiber core &amp; Power supply</i>	\$23,676.25
VSS	V 24 S.P-NF-AF-span	v24 SR Distributed Filter Span Tool with 4 ports activated; <i>Specify Fiber core &amp; Power supply</i>	\$23,676.25
VSS	V 24 L.P-N-AFL-70	v24 LR Distributed Filter Tap with all 24 ports activated, 70:30 splitter (20 SFP+); <i>Specify Power supply</i>	\$58,717.10
VSS	V 24 L.P-N-AFL-span	v24 LR Distributed Filter Span Tool with all 24 ports activated (20 SFP+); <i>Specify Power supply</i>	\$58,717.10
VSS	V 24 S.P-N-AFL-50	v24 SR Distributed Filter Tap with all 24 ports activated, 50:50 splitter (20 SFP+); <i>Specify Fiber core &amp; Power supply</i>	\$58,717.10
VSS	V 24 S.P-N-AFL-span	v24 SR Distributed Filter Span Tool with all 24 ports activated (20 SFP+); <i>Specify Fiber core &amp; Power supply</i>	\$58,717.10
VSS	V 24 E.P-N-AFL-70	v24 ER Distributed Filter Tap with all 24 ports activated, 70:30 splitter (20 SFP+); <i>Specify Power supply</i>	\$64,778.22
VSS	V 24 E.P-N-AFL-span	v24 ER Distributed Filter Span Tool with all 24 ports activated (20 SFP+); <i>Specify Power supply</i>	\$64,778.22
<b>10G</b>			
VSS	V 2.2 L.X-N-AS	v2x2 10G LR Distributed Tap (2 XFP); <i>Specify Split ratio &amp; Power supply</i>	\$14,205.75
VSS	V 2.2 L.X-N-AS-span	v2x2 10G LR Distributed Span Tool (2 XFP); <i>Specify Power supply</i>	\$14,205.75
VSS	V 2.2 S.X-N-AS	v2x2 10G SR Distributed Tap (2 XFP); <i>Specify Split ratio, Fiber core, &amp; Power supply</i>	\$14,205.75
VSS	V 2.2 S.X-N-AS-span	v2x2 10G SR Distributed Span Tool (2 XFP); <i>Specify Fiber core &amp; Power supply</i>	\$14,205.75
VSS	V 2.2 E.X-N-AS	v2x2 10G ER Distributed Tap (2 XFP); <i>Specify Split ratio &amp; Power supply</i>	\$17,046.90
VSS	V 2.2 E.X-N-AS-span	v2x2 10G ER Distributed Span Tool (2 XFP); <i>Specify Power supply</i>	\$17,046.90
VSS	V 2.4 L.X-N-AS	v2x4 10G LR Distributed Tap (4 XFP); <i>Specify Split ratio &amp; Power supply</i>	\$17,046.90
VSS	V 2.4 L.X-N-AS-span	v2x4 10G LR Distributed Span Tool (4 XFP); <i>Specify Power supply</i>	\$17,046.90
VSS	V 2.4 S.X-N-AS	v2x4 10G SR Distributed Tap (4 XFP); <i>Specify Split ratio, Fiber core, &amp; Power supply</i>	\$17,046.90
VSS	V 2.4 S.X-N-AS-span	v2x4 10G SR Distributed Span Tool (4 XFP); <i>Specify Fiber core &amp; Power supply</i>	\$17,046.90
VSS	V 2.4 E.X-N-AS	v2x4 10G ER Distributed Tap (4 XFP); <i>Specify Split ratio &amp; Power supply</i>	\$19,888.05
VSS	V 2.4 E.X-N-AS-span	v2x4 10G ER Distributed Span Tool (4 XFP); <i>Specify Power supply</i>	\$19,888.05
VSS	V 4.4 L.X-N-AS	v4x4 10G LR Distributed Tap (4 XFP); <i>Specify Split ratio &amp; Power supply</i>	\$22,729.20
VSS	V 4.4 L.X-N-AS-span	v4x4 10G LR Distributed Span Tool (4 XFP); <i>Specify Power supply</i>	\$22,729.20
VSS	V 4.4 S.X-N-AS	v4x4 10G SR Distributed Tap (4 XFP); <i>Specify Split ratio, Fiber core, &amp; Power supply</i>	\$22,729.20
VSS	V 4.4 S.X-N-AS-span	v4x4 10G SR Distributed Span Tool (4 XFP); <i>Specify Fiber core &amp; Power supply</i>	\$22,729.20
VSS	V 4.4 E.X-N-AS	v4x4 10G ER Distributed Tap (4 XFP); <i>Specify Split ratio &amp; Power supply</i>	\$28,411.50

VSS	V 4.4 E.X-N-AS-span	v4x4 10G ER Distributed Span Tool (4 XFP); <i>Specify Power supply</i>	\$28,411.50
VSS	V 4.8 L.X-N-AS	v4x8 10G LR Distributed Tap (8 XFP); <i>Specify Split ratio &amp; Power supply</i>	\$34,093.80
VSS	V 4.8 L.X-N-AS-span	v4x8 10G LR Distributed Span Tool (8 XFP); <i>Specify Power supply</i>	\$34,093.80
VSS	V 4.8 S.X-N-AS	v4x8 10G SR Distributed Tap (8 XFP); <i>Specify Split ratio, Fiber core, &amp; Power supply</i>	\$34,093.80
VSS	V 4.8 S.X-N-AS-span	v4x8 10G SR Distributed Span Tool (8 XFP); <i>Specify Fiber core &amp; Power supply</i>	\$34,093.80
VSS	V 4.8 E.X-N-AS	v4x8 10G ER Distributed Tap (8 XFP); <i>Specify Split ratio &amp; Power supply</i>	\$39,776.10
VSS	V 4.8 E.X-N-AS-span	v4x8 10G ER Distributed Span Tool (8 XFP); <i>Specify Power supply</i>	\$39,776.10
VSS	V 8.8 L.X-N-AS	v8x8 10G LR Distributed Tap (8 XFP); <i>Specify Split ratio &amp; Power supply</i>	\$45,458.40
VSS	V 8.8 L.X-N-AS-span	v8x8 10G LR Distributed Span Tool (8 XFP); <i>Specify Power supply</i>	\$45,458.40
VSS	V 8.8 S.X-N-AS	v8x8 10G SR Distributed Tap (8 XFP); <i>Specify Split ratio, Fiber core, &amp; Power supply</i>	\$45,458.40
VSS	V 8.8 S.X-N-AS-span	v8x8 10G SR Distributed Span Tool (8 XFP); <i>Specify Fiber core &amp; Power supply</i>	\$45,458.40
VSS	V 8.8 E.X-N-AS	v8x8 10G ER Distributed Tap (8 XFP); <i>Specify Split ratio &amp; Power supply</i>	\$56,823.00
VSS	V 8.8 E.X-N-AS-span	v8x8 10G ER Distributed Span Tool (8 XFP); <i>Specify Power supply</i>	\$56,823.00

**Advanced Editions**  
**10/100/1000 & 1G**

VSS	V 16.8 C.C-F-PM	v16x8 10/100/1000 Distributed Tap (8 SFP); <i>Specify Power supply</i>	\$12,690.47
VSS	V 16.8 L.C-J-PM	v16x8 Gigabit LX Distributed Tap (8 SFP); <i>Specify Split ratio &amp; Power supply</i>	\$12,690.47
VSS	V 16.8 L.C-J-PM-span	v16x8 Gigabit LX Distributed Span Tool (8 SFP); <i>Specify Power supply</i>	\$12,690.47
VSS	V 16.8 S.C-J-PM	v16x8 Gigabit SX Distributed Tap (8 SFP); <i>Specify Split ratio, Fiber core, &amp; Power supply</i>	\$12,690.47
VSS	V 16.8 S.C-J-PM-span	v16x8 Gigabit SX Distributed Span Tool (8 SFP)	\$12,690.47
VSS	V 16.8 Z.C-J-PM	v16x8 Gigabit ZX Distributed Tap (8 SFP); <i>Specify Split ratio &amp; Power supply</i>	\$24,055.07
VSS	V 16.8 Z.C-J-PM-span	v16x8 Gigabit ZX Distributed Span Tool (8 SFP); <i>Specify Power supply</i>	\$24,055.07
VSS	V 16.8 S2LZ-J4-PM	v16x8 Gigabit Mixed Fiber Distributed Tap (4xSX-62.5um, 4xLX-9um, and 4xZX-9um) (8 SFP); <i>Specify Split ratio &amp; Power supply</i>	\$15,531.62

**10/100/1000, 1G, & 10G**

VSS	V 2.16 X.C-NF-PM	v2x16 10/100/1000/10G Advanced Distributed Tap (2 XFP); <i>Specify Power supply</i>	\$14,773.98
VSS	V 2.16 X.L-NJ-PM	v2x16 1G/10G LX Advanced Distributed Tap (2 XFP); <i>Specify Split ratio &amp; Power supply</i>	\$14,773.98
VSS	V 2.16 X.L-NJ-PM-span	v2x16 1G/10G LX Advanced Distributed Span Tool (2 XFP); <i>Specify Power supply</i>	\$14,773.98
VSS	V 2.16 X.S-NJ-PM	v2x16 1G/10G SX Advanced Distributed Tap (2 XFP); <i>Specify Split ratio, Fiber core, &amp; Power supply</i>	\$14,773.98
VSS	V 2.16 X.S-NJ-PM-span	v2x16 1G/10G SX Advanced Distributed Span Tool (2 XFP); <i>Specify Split ratio, Fiber core, &amp; Power supply</i>	\$14,773.98
VSS	V 2.16 X.Z-NJ-PM	v2x16 1G/10G ZX Advanced Distributed Tap (2 XFP); <i>Specify Split ratio &amp; Power supply</i>	\$19,698.64

VSS	V 2.16 X.Z-NJ-PM-span	v2x16 1G/10G ZX Advanced Distributed Span Tool (2 XFP); Specify Power supply	\$19,698.64
VSS	V 4.24 X.C-NF-PM	v4x24 10/100/1000/10G Advanced Distributed Tap (4 XFP, 8 SFP); Specify Power supply	\$24,055.07
VSS	V 4.24 X.L-NJ-PM	v4x24 1G/10G LX Advanced Distributed Tap (4 XFP, 8 SFP); Specify Split ratio & Power supply	\$24,055.07
VSS	V 4.24 X.L-NJ-PM-span	v4x24 1G/10G LX Advanced Distributed Span Tool (4 XFP, 8 SFP); Specify Power supply	\$24,055.07
VSS	V 4.24 X.S-NJ-PM	v4x24 1G/10G SX Advanced Distributed Tap (4 XFP, 8 SFP); Specify Split ratio, Fiber core, & Power supply	\$24,055.07
VSS	V 4.24 X.S-NJ-PM-span	v4x24 1G/10G SX Advanced Distributed Span Tool (4 XFP, 8 SFP); Specify Split ratio, Fiber core, & Power supply	\$24,055.07
VSS	V 4.24 X.Z-NJ-PM	v4x24 1G/10G ZX Advanced Distributed Tap (4 XFP, 8 SFP); Specify Split ratio & Power supply	\$28,979.73
VSS	V 4.24 X.Z-NJ-PM-span	v4x24 1G/10G ZX Advanced Distributed Span Tool (4 XFP, 8 SFP); Specify Power supply	\$28,979.73
<b>Expert Editions</b>			
<b>1G &amp; 10G</b>			
VSS	V 24 L.P-N-FM2-70	v24 Expert LR Distributed Tap with 4 ports activated, HW Resources on 2 ports, 70:30 splitter; Specify Power supply	\$26,612.11
VSS	V 24 L.P-N-FM2-span	v24 Expert LR Distributed Span Tool with 4 ports activated, HW Resources on 2 ports; Specify Power supply	\$26,612.11
VSS	V 24 S.P-N-FM2-50	v24 Expert SR Distributed Tap with 4 ports activated, HW Resources on 2 ports, 50:50 splitter; Specify Fiber core & Power supply	\$26,612.11
VSS	V 24 S.P-N-FM2-span	v24 Expert SR Distributed Span Tool with 4 ports activated, HW Resources on 2 ports; Specify Fiber core & Power supply	\$26,612.11
VSS	V 24 E.P-N-FM2-70	v24 Expert ER Distributed Tap with 4 ports activated, HW Resources on 2 ports, 70:30 splitter; Specify Power supply	\$32,673.23
VSS	V 24 E.P-N-FM2-span	v24 Expert ER Distributed Span Tool with 4 ports activated, HW Resources on 2 ports; Specify Power supply	\$32,673.23
VSS	V 24 L.P-N-FM2L-70	v24 Expert LR Distributed Tap with full 24 ports, HW Resources on 2 ports, 70:30 splitter (20 SFP+); Specify Power supply	\$61,652.96
VSS	V 24 L.P-N-FM2L-span	v24 Expert LR Distributed Span Tool with full 24 ports, HW Resources on 2 ports (20 SFP+); Specify Power supply	\$61,652.96
VSS	V 24 S.P-N-FM2L-50	v24 Expert SR Distributed Tap with full 24 ports, HW Resources on 2 ports, 50:50 splitter (20 SFP+); Specify Fiber core & Power supply	\$61,652.96
VSS	V 24 S.P-N-FM2L-span	v24 Expert SR Distributed Span Tool with full 24 ports, HW Resources on 2 ports (20 SFP+); Specify Power supply	\$61,652.96
VSS	V 24 E.P-N-FM2L-70	v24 Expert ER Distributed Tap with full 24 ports, HW Resources on 2 ports, 70:30 splitter (20 SFP+); Specify Power supply	\$67,714.08
VSS	V 24 E.P-N-FM2L-span	v24 Expert ER Distributed Span Tool with full 24 ports, HW Resources on 2 ports (20 SFP+); Specify Power supply	\$67,714.08
VSS	V 24 L.P-N-FM4-70	v24 Expert LR Distributed Tap with 8 ports activated, HW Resources on 4 ports, 70:30 splitter (4 SFP+); Specify Power supply	\$39,018.46

VSS	V 24 L.P-N-FM4-span	v24 Expert LR Distributed Span Tool with 8 ports activated, HW Resources on 4 ports (4 SFP+); Specify Power supply	\$39,018.46
VSS	V 24 S.P-N-FM4-50	v24 Expert SR Distributed Tap with 8 ports activated, HW Resources on 4 ports, 50:50 splitter (4 SFP+); Specify Fiber core & Power supply	\$39,018.46
VSS	V 24 S.P-N-FM4-span	v24 Expert SR Distributed Span Tool with 8 ports activated, HW Resources on 4 ports (4 SFP+); Specify Fiber core & Power supply	\$39,018.46
VSS	V 24 E.P-N-FM4-70	v24 Expert ER Distributed Tap with 8 ports activated, HW Resources on 4 ports, 70:30 splitter (4 SFP+); Specify Power supply	\$45,079.58
VSS	V 24 E.P-N-FM4-span	v24 Expert ER Distributed Span Tool with 8 ports activated, HW Resources on 4 ports (4 SFP+); Specify Power supply	\$45,079.58
VSS	V 24 L.P-N-FM4L-70	v24 Expert LR Distributed Tap with full 24 ports, HW Resources on 4 ports, 70:30 splitter (20 SFP+); Specify Power supply	\$64,588.81
VSS	V 24 L.P-N-FM4L-span	v24 Expert LR Distributed Span Tool with full 24 ports, HW Resources on 4 ports (20 SFP+); Specify Power supply	\$64,588.81
VSS	V 24 S.P-N-FM4L-50	v24 Expert SR Distributed Tap with full 24 ports, HW Resources on 4 ports, 50:50 splitter (20 SFP+); Specify Fiber core & Power supply	\$64,588.81
VSS	V 24 S.P-N-FM4L-span	v24 Expert SR Distributed Span Tool with full 24 ports, HW Resources on 4 ports (20 SFP+); Specify Power supply	\$64,588.81
VSS	V 24 E.P-N-FM4L-70	v24 Expert ER Distributed Tap with full 24 ports, HW Resources on 4 ports, 70:30 splitter (20 SFP+); Specify Power supply	\$70,649.93
VSS	V 24 E.P-N-FM4L-span	v24 Expert ER Distributed Span Tool with full 24 ports, HW Resources on 4 ports (20 SFP+); Specify Power supply	\$70,649.93
VSS	V 24 L.P-N-FM6-70	v24 Expert LR Distributed Tap with 12 ports activated, HW Resources on 6 ports, 70:30 splitter (8 SFP+); Specify Power supply	\$51,424.82
VSS	V 24 L.P-N-FM6-span	v24 Expert LR Distributed Span Tool with 12 ports activated, HW Resources on 6 ports (8 SFP+); Specify Power supply	\$51,424.82
VSS	V 24 S.P-N-FM6-50	v24 Expert SR Distributed Tap with 12 ports activated, HW Resources on 6 ports, 50:50 splitter (8 SFP+); Specify Fiber core & Power supply	\$51,424.82
VSS	V 24 S.P-N-FM6-span	v24 Expert SR Distributed Span Tool with 12 ports activated, HW Resources on 6 ports (8 SFP+); Specify Fiber core & Power supply	\$51,424.82
VSS	V 24 E.P-N-FM6-70	v24 Expert ER Distributed Tap with 12 ports activated, HW Resources on 6 ports, 70:30 splitter (8 SFP+); Specify Power supply	\$57,485.94
VSS	V 24 E.P-N-FM6-span	v24 Expert ER Distributed Span Tool with 12 ports activated, HW Resources on 6 ports (8 SFP+); Specify Power supply	\$57,485.94
VSS	V 24 L.P-N-FM6L-70	v24 Expert LR Distributed Tap with full 24 ports, HW Resources on 6 ports, 70:30 splitter (20 SFP+); Specify Power supply	\$67,524.67
VSS	V 24 L.P-N-FM6L-span	v24 Expert LR Distributed Span Tool with full 24 ports, HW Resources on 6 ports (20 SFP+); Specify Power supply	\$67,524.67

VSS	V 24 S.P-N-FM6L-50	v24 Expert SR Distributed Tap with full 24 ports, HW Resources on 6 ports, 50:50 splitter (20 SFP+); Specify Fiber core & Power supply	\$67,524.67
VSS	V 24 S.P-N-FM6L-span	v24 Expert SR Distributed Span Tool with full 24 ports, HW Resources on 6 ports (20 SFP+); Specify Power supply	\$67,524.67
VSS	V 24 E.P-N-FM6L-70	v24 Expert ER Distributed Tap with full 24 ports, HW Resources on 6 ports, 70:30 splitter (20 SFP+); Specify Power supply	\$73,585.79
VSS	V 24 E.P-N-FM6L-span	v24 Expert ER Distributed Span Tool with full 24 ports, HW Resources on 6 ports (20 SFP+); Specify Power supply	\$73,585.79
VSS	V 24 L.P-N-FM8-70	v24 Expert LR Distributed Tap with 16 ports activated, HW Resources on 8 ports, 70:30 splitter (12 SFP+); Specify Power supply	\$63,831.17
VSS	V 24 L.P-N-FM8-span	v24 Expert LR Distributed Span Tool with 16 ports activated, HW Resources on 8 ports (12 SFP+); Specify Power supply	\$63,831.17
VSS	V 24 S.P-N-FM8-50	v24 Expert SR Distributed Tap with 16 ports activated, HW Resources on 8 ports, 50:50 splitter (12 SFP+); Specify Fiber core & Power supply	\$63,831.17
VSS	V 24 S.P-N-FM8-span	v24 Expert SR Distributed Span Tool with 16 ports activated, HW Resources on 8 ports (12 SFP+); Specify Fiber core & Power supply	\$63,831.17
VSS	V 24 E.P-N-FM8-70	v24 Expert ER Distributed Tap with 16 ports activated, HW Resources on 8 ports, 70:30 splitter (12 SFP+); Specify Power supply	\$69,892.29
VSS	V 24 E.P-N-FM8-span	v24 Expert ER Distributed Span Tool with 16 ports activated, HW Resources on 8 ports (12 SFP+); Specify Power supply	\$69,892.29
VSS	V 24 L.P-N-FM8L-70	v24 Expert LR Distributed Tap with full 24 ports, HW Resources on 8 ports, 70:30 splitter (20 SFP+); Specify Power supply	\$70,460.52
VSS	V 24 L.P-N-FM8L-span	v24 Expert LR Distributed Span Tool with full 24 ports, HW Resources on 8 ports (20 SFP+); Specify Power supply	\$70,460.52
VSS	V 24 S.P-N-FM8L-50	v24 Expert SR Distributed Tap with full 24 ports, HW Resources on 8 ports, 50:50 splitter (20 SFP+); Specify Fiber core & Power supply	\$70,460.52
VSS	V 24 S.P-N-FM8L-span	v24 Expert SR Distributed Span Tool with full 24 ports, HW Resources on 8 ports (20 SFP+); Specify Power supply	\$70,460.52
VSS	V 24 E.P-N-FM8L-70	v24 Expert ER Distributed Tap with full 24 ports, HW Resources on 8 ports, 70:30 splitter (20 SFP+); Specify Power supply	\$76,521.64
VSS	V 24 E.P-N-FM8L-span	v24 Expert ER Distributed Span Tool with full 24 ports, HW Resources on 8 ports (20 SFP+); Specify Power supply	\$76,521.64

**Optional Features (add-ons):****Base***Note: vStack is not available on all older DTCS versions*

VSS	Vk_SFPp_Port_1	v24 Filter Tap SFP+/SFP Port Activation (need to state which ports in the order - does <b>not</b> include SFP+ or SFP module)	\$ 2,367.63
VSS	Vk_SFPp_Port_1N	v24 Non-Filter Tap SFP+/SFP Port Activation (need to state which ports in the order - does <b>not</b> include SFP+ or SFP module - <b>not</b> to be used with v24 Filter Tap)	\$ 1,799.40
VSS	Vk_V12.4_FilterV3	Filtering Type 3, Load Balancing, and vStack activation for v12x4	\$ 4,545.84
VSS	Vk_V16.8_FilterV3	Filtering Type 3, Load Balancing, and vStack activation for v16x8	\$ 5,114.07
VSS	Vk_V2.16_FilterV3	Filtering Type 3, Load Balancing, and vStack activation for v2x16	\$ 5,303.48

VSS	Vk_V4.24_FilterV3	Filtering Type 3, Load Balancing, and vStack activation for v4x24	\$ 8,902.27
VSS	Vk_V2.2_FilterV3	Filtering Type 3, Load Balancing, and vStack activation for v2x2 10G	\$ 2,272.92
VSS	Vk_V2.4_FilterV3	Filtering Type 3, Load Balancing, and vStack activation for v2x4 10G	\$ 3,409.38
VSS	Vk_V2.8_FilterV3	Filtering Type 3, Load Balancing, and vStack activation for v2x8 10G	\$ 4,545.84
VSS	Vk_V4.4_FilterV3	Filtering Type 3, Load Balancing, and vStack activation for v4x4 10G	\$ 4,545.84
VSS	Vk_V4.8_FilterV3	Filtering Type 3, Load Balancing, and vStack activation for v4x8 10G	\$ 6,818.76
VSS	Vk_V6.2_FilterV3	Filtering Type 3, Load Balancing, and vStack activation for v6x2 10G	\$ 4,545.84
VSS	Vk_V8.8_FilterV3	Filtering Type 3, Load Balancing, and vStack activation for v8x8 10G	\$ 9,091.68
VSS	Vk_V24_FilterV3	Filtering Type 3, Load Balancing, and vStack activation for v24 (only required to oadd filtering to v24 non-filtering tap)	\$13,637.52

### **Packet Optimization**

VSS	Vk_OPT_PTS	Port and Time Stamping activation for 4 x 1G ports or 1 x 10G port on an Advanced edition, or for 1 port on an Expert edition (need to state which ports in the order). Max qty of 4 for v16x8, 6 for v2x16, and 8 for v4x24 or v24	\$ 284.12
VSS	Vk_OPT_SLICE	vSlice (Conditional Slicing) activation for 4 x 1G ports or 1 x 10G port on an Advanced edition, or for 1 port on an Expert edition (need to state which ports in the order). Max qty of 4 for v16x8, 6 for v2x16, and 8 for v4x24 or v24	\$ 284.12
VSS	Vk_OPT_GTPstr	GTP De-encapsulation activation for 4 x 1G ports or 1 x 10G port on an Advanced edition, or for 1 port on an Expert edition (need to state which ports in the order). Max qty of 4 for v16x8, 6 for v2x16, and 8 for v4x24 or v24	\$ 284.12
VSS	Vk_OPT_MPLSstr	MPLS Stripping activation for 4 x 1G ports or 1 x 10G port on an Advanced edition, or for 1 port on an Expert edition (need to state which ports in the order). Max qty of 4 for v16x8, 6 for v2x16, and 8 for v4x24 or v24	\$ 284.12
VSS	Vk_OPT_VLANstr	VLAN Tag Stripping activation for 4 x 1G ports or 1 x 10G port on an Advanced edition, or for 1 port on an Expert edition (need to state which ports in the order). Max qty of 4 for v16x8, 6 for v2x16, and 8 for v4x24 or v24	\$ 284.12

### **Specific Applications**

VSS	Vk_OPT_CDB	Capacity Planning Data (vCapacity) activation for 1 port on an Expert edition (need to state which ports in the order). Max qty of 8 for v24	\$ 947.05
VSS	V-SFP-10	Single Form Pluggable - Copper 1000base-T	\$ 127.85
VSS	V-SFP-11	Single Form Pluggable - Fiber SX 1000base-SX	\$ 80.50
VSS	V-SFP-12	Single Form Pluggable - Fiber LX 1000base-LX	\$ 71.03
VSS	V-SFP-13	Single Form Pluggable - Fiber ZX 1000base-ZX	\$ 355.14
VSS	V-SFP-20	Single Form Pluggable - Copper 10/100/1000base-T (won't work with v24)	\$ 127.85

### **Small Form-factor Pluggable-Plus Transceivers**

VSS	V-SFP-16	Single Form Pluggable Plus - LR/LX 10G/1G (Dual speed is only supported on v24 and v24 Expert)	\$ 899.70
VSS	V-SFP-17	Single Form Pluggable Plus - SR/SX 10G/1G (Dual speed is only supported on v24 and v24 Expert)	\$ 733.96
VSS	V-SFP-23	Single Form Pluggable Plus - ER 10G	\$ 2,130.86

### **10G Small Form-factor Pluggable Transceivers**

VSS	V-XFP-SR	10G BASE-SR Multi-Mode XFP Transceiver	\$ 942.31
VSS	V-XFP-LR	10G BASE-LR Single-Mode XFP Transceiver	\$ 1,415.84
VSS	V-XFP-ER	10G BASE-ER Single-Mode XFP Transceiver	\$ 2,793.80
VSS	V-XFP-ZR	10G BASE-ZR Single-Mode XFP Transceiver	\$ 5,677.56
VSS	Vf PROT-416-S	Protector 416 1G SX Fiber w/ 4 Inline Bypass port pairs and 16 I/O ports - No Filtering or Load Balancing	\$24,623.30
VSS	Vf PROT-416-L	Protector 416 1G LX Fiber w/ 4 Inline Bypass port pairs and 16 I/O ports - No Filtering or Load Balancing	\$24,623.30
VSS	Vf PROT-416-Z	Protector 416 1G LX Fiber w/ 4 Inline Bypass port pairs and 16 I/O ports - No Filtering or Load Balancing	\$35,987.90
VSS	Vf PROT-2020-S	Protector 2020 10G SR Fiber Load Balancer w/ 2 Inline port pairs and 2 I/O ports (expandable to 20)	\$32,199.70

VSS	Vf PROT-2020-L	Protector 2020 10G LR Fiber Load Balancer w/ 2 Inline port pairs and 2 I/O ports (expandable to 20)	\$32,199.70
VSS	Vf PROT-2020-E	Protector 2020 10G ER Fiber Load Balancer w/ 2 Inline port pairs and 2 I/O ports (expandable to 20)	\$38,450.23
<b>Electrical</b>			
VSS	Vf PROT-204-CU	Protector 204 1G Copper w/ 2 Inline port pairs and 4 I/O ports - No Filtering or Load Balancing	\$ 6,534.65
VSS	Vf PROT-408-CU	Protector 408 1G Copper w/ 4 Inline port pairs and 8 I/O ports - No Filtering or Load Balancing	\$10,701.67
VSS	Vf PROT-612-CU	Protector 612 1G Copper w/ 6 Inline port pairs and 12 I/O ports - No Filtering or Load Balancing	\$16,952.20
<b>Optional Features (software key add-ons):</b>			
VSS	Vk_SFPp_Port_1	SFP+ Port activation for Protector 2020 (need to state which ports in the order)	\$ 2,367.63
VSS	Vk_V12.4_FilterV3	Filtering Type 3 and Load Balancing activation for Protector 408	\$ 4,545.84
VSS	Vk_V16.8_FilterV3	Filtering Type 3 and Load Balancing activation for Protector 612 or Protector 416	\$ 5,114.07
VSS	Vk_V8_FilterV3	Filtering Type 3 and Load Balancing activation for Protector 204	\$ 2,272.92
<b>Pluggable Network Modules:</b>			
<b>Small Form-factor Pluggable Transceivers</b>			
VSS	V-SFP-10	Single Form Pluggable - Copper 1000base-T	\$ 127.85
VSS	V-SFP-11	Single Form Pluggable - Fiber SX 1000base-SX	\$ 80.50
VSS	V-SFP-12	Single Form Pluggable - Fiber LX 1000base-LX	\$ 71.03
VSS	V-SFP-13	Single Form Pluggable - Fiber ZX 1000base-ZX	\$ 355.14
VSS	V-SFP-20	Single Form Pluggable - Copper 10/100/1000base-T (won't work with Protector 2020)	\$ 127.85
<b>Small Form-factor Pluggable-Plus Transceivers</b>			
VSS	V-SFP-16	Single Form Pluggable Plus - LR/LX 10G/1G (Dual speed is only supported on Protector 2020)	\$ 899.70
VSS	V-SFP-17	Single Form Pluggable Plus - SR/SX 10G/1G (Dual speed is only supported on Protector 2020)	\$ 733.96
VSS	V-SFP-23	Single Form Pluggable Plus - ER 10G	\$ 2,130.86
VSS	V-2.20-U.5	5 Volt 20-Output Power Supply	\$ 3,077.91
VSS	V-2.20-U.9	9 Volt 20-Output Power Supply	\$ 3,077.91
VSS	V-C-3S	3 Slot Rackmount Chassis	\$ 47.35
VSS	V-P-3S	Cover Plate - Small	\$ 11.36
VSS	V-C-2S	2 Slot Rackmount Chassis	\$ 47.35
VSS	V-CF-2S	2 Slot Enclosed Rackmount Chassis	\$ 350.41
VSS	V-P-2S	Cover Plate - Medium	\$ 11.36
VSS	V-SFP-10	Single Form Pluggable - Copper 1000base-T	\$ 127.85
VSS	V-SFP-11	Single Form Pluggable - Fiber SX 1000base-SX	\$ 80.50
VSS	V-SFP-12	Single Form Pluggable - Fiber LX 1000base-LX	\$ 71.03
VSS	V-SFP-13	Single Form Pluggable - Fiber ZX 1000base-ZX	\$ 355.14
VSS	V-SFP-20	Single Form Pluggable - Copper 10/100/1000base-T	\$ 127.85
VSS	V-SFP-16	Single Form Pluggable Plus - LR/LX 10G/1G	\$ 899.70
VSS	V-SFP-17	Single Form Pluggable Plus - SR/SX 10G/1G	\$ 733.96
VSS	V-SFP-23	Single Form Pluggable Plus - ER 10G	\$ 2,130.86
VSS	V-XFP-SR	10G BASE-SR Multi-Mode XFP Transceiver	\$ 942.31
VSS	V-XFP-LR	10G BASE-LR Single-Mode XFP Transceiver	\$ 1,415.84
VSS	V-XFP-ER	10G BASE-ER Single-Mode XFP Transceiver	\$ 2,793.80
VSS	V-XFP-ZR	10G BASE-ZR Single-Mode XFP Transceiver	\$ 5,677.56

**SIN: 132-9 - Refurbished Equipment**

Eff: 9/27/2011

MFG	MFR Part #	Product Description	GSA Price (w/IFF)
CISCO	WS-C2960G-24TC-L	2960 24 10/100/1000, 4 T/SFP Ports	\$ 1,410.50
CISCO	WS-C2960G-48TC-L	Cat 48pt 10/100/1000 4 Dual Purpose Gig	\$ 2,115.75
CISCO	WS-C3560G-24TS-S	24 10/100/1000T + 4 SFP Standard switch	\$ 2,216.50
CISCO	WS-C3560G-24PS-S	AT 3560 24 10/100/1000 POE +4SFP	\$ 2,418.00
CISCO	WS-C3560G-48TS-S	3560G 48 10/100/1000T + 4 SFP Standard	\$ 3,526.25
CISCO	WS-C3560G-48PS-S	3560 48 10/100/1000T POE +4 SFP Power	\$ 4,433.00
CISCO	WS-C3750G-24TS-S	24 PORT 10/100/1000 + 4 SFP Standard	\$ 2,216.50
CISCO	WS-C3750G-24PS-S	24 10/100/1000T POE+4 SFP Standard	\$ 2,619.50
CISCO	WS-C3750G-48TS-S	CAT 3750 48 10/100/1000T+4SFP ST ML	\$ 4,634.50
CISCO	WS-C3750G-48PS-S	CISCO CAT. 3750 48 - PORT POE SI	\$ 5,642.00
CISCO	WS-C3750G-12S-S	3750 12 SFP STANDARD CATALYST	\$ 2,619.50
CISCO	WS-X6748-GE-TX	CAT 6500 48 PORT 10/100/1000 GE MOD	\$ 2,619.50
CISCO	WS-X6748-SFP	CATALYST 6000 48PT GIGE MOD FAE	\$ 6,448.00
CISCO	WS-X6724-SFP	CAT 6500 24PORT GIG ENET MODULE	\$ 2,619.50
CISCO	WS-X6704-10GE	CAT. 6500 4 PORT 10 GIG ETH. MOD	\$ 6,851.00
CISCO	WS-SUP720	CAT 6500 SUP 720 FABRIC MSFC3 PFC3A	\$ 2,418.00
CISCO	WS-SUP720-3B	CAT6500/7600 SUP720 FAB MSFC3 PFC3B	\$ 2,921.75
CISCO	WS-SUP720-3BXL	CAT. 6500/7600 SUP720 MSFC3 PFC3B	\$ 7,858.50
CISCO	WS-X6708-10G-3C	C6K 8PORT 10GB ETHERNET MOD W/DFC3C	\$13,299.00
CISCO	WS-X6716-10G-3CXL	CAT 6500 SERIES 16-PORT 10GIG ETHER	\$20,150.00
CISCO	RSP720-3CXL-GE	CISCO ROUTE SWITCH PROCESSOR 720-3	\$ 7,858.50
CISCO	VS-S720-10G-3C	SUP720 W/2PORTS 10GBE	\$12,493.00
CISCO	VS-S720-10G-3CXL	6500 SERIES SUP720 10GE MSFC3 PFC3	\$15,314.00
CISCO	GLC-SX-MM	1000BASE SX SFP ADAPTER, LC	\$ 201.50
CISCO	GLC-T	CISCO 1000BASE-T SFP	\$ 100.75
CISCO	X2-10GB-SR	10GB BASE-SR X2 MODULE	\$ 503.75
SUN	A42-XHB4C2-16HD	SF V440 Server	\$ 1,410.50
SUN	XTA3320R01A1Z730	Storagetek 3320 SCSI Array	\$ 2,115.75
SUN	D240-BASE	D240 Media Tray Base	\$ 2,216.50