AUTHORIZED FAS IT SERVICE
INFORMATION TECHNOLOGY SCHEDULE PRICELIST
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY
EQUIPMENT, SOFTWARE AND SERVICES

Special Item No. 132-8 Purchase of New Equipment
(FSC CLASS 7025 - INPUT/OUTPUT AND STORAGE DEVICES)

Special Item No. 132-12 Maintenance of Hardware/Repair Service

Special Item No. 132-34 Maintenance of Software

Kratos Systems and Solutions, Inc.
(KSS)
14130 Sullyfield Circle STE. E-1
Chantilly, VA 20151 - 1611
Ph: 703-488-2500 Fax: 703-488-2555
www.kratosdefense.com

Contract Number: GS-35F-5534H
Period Covered by Contract: March 16, 1998 – March 14, 2018

General Services Administration
Federal Acquisition Service

Pricelist current through Modification # 0048 dated July 22, 2015

Products and ordering information in this Authorized FAS IT 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/

GSA Contract Holder

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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 Schedules Program. 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 Acquisition Service 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.fss.gsa.gov). The catalogs/pricelists, GSA Advantage!™ and the Federal Acquisition Service Home Page (www.fss.gsa.gov) 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:

[X] 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:

Ordering Address and Payment Address: Kratos Systems and Solutions, Inc.

c/o RT Logic A Kratos Company

14130 Sullyfield Circle, Suite E-1

Chantilly, VA 20151

Contractors are required to accept credit cards for payments equal to or less than the micro-purchase threshold for oral or written delivery orders. Credit cards will be acceptable for payment above the micro-purchase threshold. In addition, bank account information for wire transfer payments will be shown on the invoice.

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

703-488-2500, Fax: 703-488-2555

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. STATICAL DATA FOR GOVERNMENT ORDERING OFFICE COMPLETION OF STANDARD FORM 279:

Block 9: G. Order/Modification Under Federal Acquisition Service Schedule -
Block 16: Data Universal Numbering System (DUNS) Number: - 17-221-7841

Block 30: Type of Contractor - C. Large Business
Block 31: Woman-Owned Small Business - **No**
Block 36: Contractor's Taxpayer Identification Number (TIN): 04-3743834

4a. CAGE Code: 42JF0
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)
132-8	30 to 90 Days ARO
132-12 and 132-34	As ordered

b. URGENT REQUIREMENTS: When the Federal Acquisition Service 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.

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

a. Prompt Payment: None, Net 30
b. Quantity: See pricelist
c. Dollar Volume: None
d. Government Educational Institutions: Government Educational Institutions are offered the same discounts as all other Government customers.

e. Other: None

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:

10. Small Requirements: The minimum dollar value of orders to be issued is $100.00.

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 132-12 – Repair of Equipment
Special Item Number 132-34 – Software Maintenance

12. ORDERING PROCEEDURES FOR FEDERAL Y 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 2001)

(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. The Industrial Funding Fee does NOT apply to travel and per diem charges.

NOTE: Refer to FAR Part 31.205-46 Travel Costs, for allowable costs that pertain to official company business travel in regards to this contract.

(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.

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 C.1.)

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.fss.gsa.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 Acquisition Service 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 Acquisition Service Multiple Award Schedule (MAS) -- referred to as open market items -- to a Federal Acquisition Service 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 Acquisition Service 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 Acquisition Service Schedule is fair and reasonable;

(3) The items are clearly labeled on the order as items not on the Federal Acquisition Service Schedule; and

(4) All clauses applicable to items not on the Federal Acquisition Service 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:

NONE

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 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.

23. SECTION 508 COMPLIANCE.

I certify that in accordance with 508 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794d), FAR 39.2, and the Architectural and Transportation Barriers Compliance Board Electronic and Information Technology (EIT) Accessibility Standards (36 CFR 1194) General Services Administration (GSA), that all IT hardware/software/services are 508 compliant:

Yes __X_____

No _____

The offeror is required to submit with its offer a designated area on its website that outlines the Voluntary Product Accessibility Template (VPAT) or equivalent qualification, which ultimately becomes the Government Product Accessibility Template (GPAT). Section 508 compliance information on the supplies and services in this contract are available at the following website address (URL): www.kratosdefense.com_____

The EIT standard can be found at: www.Section508.gov/.

24. PRIME CONTRACTOR ORDERING FROM FEDERAL ACQUISITION SERVICE SCHEDULES.

Prime Contractors (on cost reimbursement contracts) placing orders under Federal Acquisition Service 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 Acquisition Service 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 Acquisition Service 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.

Offerors are encouraged to identify within their software items any component interfaces that support open standard interoperability. An item's interface may be identified as interoperable on the basis of participation in a Government agency-sponsored program or in an independent organization program. Interfaces may be identified by reference to an interface registered in the component registry located at http://www.core.gov.

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)

TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY NEW EQUIPMENT(SPECIAL ITEM NUMBER 132-8)

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:

Equipment offered under this contract is self-installable.

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.

For a period of 12 months from date of delivery, Kratos Systems and Solutions, Inc., a Kratos Company, hereinafter referred to as KSS, warrants the product delivered to Buyer as follows: (1) the hardware shall be free from defects in material and workmanship and will conform to the applicable KSS specification.

If the defect occurs during the warranty period, Buyer shall return the product to Kss or to a facility designated by KSS for repair or replacement. KSS shall, at its option, either repair or replace any defective product covered by this warranty. Buyer shall prepay the cost of shipping the product to KSS or to the designated facility and bear the risk ofloss while the product is in transit. KSS shall pay the shipping charges to return the product to the Buyer and bear the risk of loass during the transit, unless the defect is not covered by this warranty. In the event that a returned product is not covered by the warranty. KSS shall immediately notify the Buyer and request instructions regarding disposition. Buyer's sole remedy for defects in products covered by this warranty is limited to the correction of the defect by repair or replacement.

The foregoing warranty shall not apply to defects resuling from improper or inadequate maintenance by Buyer, Buyer-supplied software or interfacing, unauthorized modification or misuse, operation outside of the environmental specifications of the product, or improper site preparation or maintenance. This warranty shall also apply to defects or nonconformities to the extent they result from products that have been subjected to testing for other than specified electrical characteristics or have been subjected to mishandling, misuse, neglect, improper testing, repair, alteration, damage, assembly or processing that alters physical or electrical properties.

In no event will KSS be liable for any incidental or consequential damages for breach of warranty or delivery of defective products. This warranty extends to the buyer only and not to any buyer's customers (except for the case when the buyer's customer is the United States of America) or users of buyer's products, and is in lieu of all other warranties whether express, implied or statutory, including implied warranties of merchantability or fitness for a particular purpose.

Iridium warrants that its new satellite subscriber radiotelephone products and accessories (the Product) shall be free from defects in materials and workmanship for a period of twelve (12) months from the date such Product is delivered to the first end user purchaser, or the date such Products are first placed into satellite subscriber service, whichever occurs earliest.

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: 14130 Sullyfield Circle STE. E-1 Chantilly, VA 20151 - 1611

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 REPAIR SERVICE AND REPAIR PARTS/SPARE PARTS FOR GOVERNMENT-OWNED GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT, RADIO/TELEPHONE EQUIPMENT, (AFTER EXPIRATION OF GUARANTEE/WARRANTY PROVISIONS AND/OR WHEN REQUIRED SERVICE IS NOT COVERED BY GUARANTEE/WARRANTY PROVISIONS) AND FOR LEASED EQUIPMENT (SPECIAL ITEM NUMBER 132-12)

1. SERVICE AREAS

a. The extended warranty services listed herein are applicable to any ordering activity location.

b. When repair services cannot be performed at the ordering activity installation site, the repair services will be performed at the Contractor's plant(s) listed below:

14130 Sullyfield Circle, Suite E-1
Chantilly, VA 20151
Attn: Customer Support

CALL FOR RMA NUMBER: 703-488-2380

2. REPAIR SERVICE AND REPAIR PARTS/SPARE PARTS ORDERS

a. Agencies may use written orders, EDI orders, credit card orders, blanket purchase agreements (BPAs), or small order procedures for ordering repair service and/or repair parts/spare parts under this contract. Orders for repair service shall not extend beyond the end of the contract period.

b. When repair service is ordered, only one chargeable repairman shall be dispatched to perform repair service, unless the ordering activity agrees, in advance, that additional repair personnel are required to effect repairs.

3. LOSS OR DAMAGE

When the Contractor removes equipment to his establishment for repairs, the Contractor shall be responsible for any damage or loss, from the time the equipment is removed from the ordering activity installation, until the equipment is returned to such installation.

4. SCOPE

a. The Contractor shall provide extended warranty service, when ordered by the ordering activity, for all equipment listed herein, as requested by the ordering activity during the contract term. Repair service and repair parts/spare parts shall apply exclusively to the equipment types/models within the scope of this Information Technology Schedule.

b. Equipment placed under maintenance service shall be in good operating condition.

(1) In order to determine that the equipment is in good operating condition, the equipment shall be subject to inspection by the Contractor, without charge to the ordering activity.

(2) Costs of any repairs performed for the purpose of placing the equipment in good operating condition shall be borne by the Contractor, if the equipment was under the Contractor's guarantee/warranty or maintenance responsibility prior to the effective date of the maintenance order.

(3) If the equipment was not under the Contractor's responsibility, the costs necessary to place the equipment in proper operating condition are to be borne by the ordering activity, in accordance with the provisions of Special Item Number 132-12 (or outside the scope of this contract).

5. RESPONSIBILITIES OF THE ORDERING ACTIVITY

a. Ordering activity personnel shall not perform maintenance or attempt repairs to equipment while such equipment is under the purview of a maintenance order, unless agreed to by the Contractor.

b. Subject to security regulations, the ordering activity shall permit access to the equipment which is to be maintained or repaired.

c. If the Ordering Activity desires a factory authorized/certified service personnel then this should be clearly stated in the task or delivery order.

6. RESPONSIBILITIES OF THE CONTRACTOR

a. For equipment not covered by a maintenance contract or warranty, the Contractor's repair service personnel shall complete repairs as soon as possible after notification by the ordering activity that service is required. Within the service areas, this repair service should normally be done within 4 hours after notification. NOTE: Only return to factory repair service is offered under this contract.

b. If the Ordering Activity task or delivery order specifies a factory authorized/certified service personnel then the Contractor is obligated to provide such a factory authorized/certified service personnel for the equipment to be repaired or serviced, unless otherwise agreed to in advance between the Agency and the Contractor.

7. INVOICES AND PAYMENTS

a. Maintenance Service

(1) Invoices for maintenance service shall be submitted by the Contractor on a quarterly or monthly basis, after the completion of such period. Maintenance charges must be paid in arrears (31 U.S.C. 3324). PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.

(2) Payment for maintenance service of less than one month's duration shall be prorated at 1/30th of the monthly rate for each calendar day.

b. Repair Service and Repair Parts/Spare Parts

Invoices for repair service and parts shall be submitted by the Contractor as soon as possible after completion of work. Payment under blanket purchase agreements will be made quarterly or monthly, except where cash payment procedures are used. Invoices shall be submitted separately to each ordering activity office ordering services under the contract. The cost of repair parts shall be shown as a separate item on the invoice, and shall be priced in accordance with paragraph #10, above. PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.

TERMS AND CONDITIONS APPLICABLE MAINTENANCE OF SOFTWARE AS A SERVICE (SPECIAL ITEM NUMBER 132-34) OF GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY SOFTWARE

SOFTWARE OFFERED UNDER THIS CONTRACT IS NOT SOLD SEPARATELY. THE TERMS AND CONDITIONS FOR SOFTWARE APPLY TO THE SOFTWARE THAT OPERATES THE IOPLEX HARDWARE OFFERED UNDER THIS CONTRACT.

1. 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 software that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming software 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 software, unless the change is due to the defect in the software.

2. ENTERPRISE USER LICENSE AGREEMENTS REQUIREMENTS (EULA)

The Contractor shall provide all Enterprise User License Agreements in an editable Microsoft Office (Word) format.

3. GUARANTEE/WARRANTY

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

For a period of 12 months from date of delivery, Licensor warrants that the Product (other than the Software) shall be free from defects in material and workmanship and that the Software will substantially conform to the applicable Licensor specifications. If a defect occurs during the warranty period, you may return the Product to Licensor, or to a facility designated by Licensor for repair or replacement. Licensor shall, at its option, either repair or replace any defective Product covered by this warranty. (See product Warranty 132-8)

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.

4. TECHNICAL SERVICES

The Contractor, without additional charge to the ordering activity, shall provide a hot line technical support number 703-488-2380 for the purpose of providing user assistance and guidance in the implementation of the software. The technical support number is available from ___8:00 am_____ to _5 pm_____.

5. SOFTWARE MAINTENANCE

a. Software maintenance as it is defined: (select software maintenance type) :

_____ 1. Software Maintenance as a Product (SIN 132-32 or SIN 132-33)

Software maintenance as a product includes the publishing of bug/defect fixes via patches and updates/upgrades in function and technology to maintain the operability and usability of the software product. It may also include other no charge support that are included in the purchase price of the product in the commercial marketplace. No charge support includes items such as user blogs, discussion forums, on-line help libraries and FAQs (Frequently Asked Questions), hosted chat rooms, and limited telephone, email and/or web-based general technical support for user's self diagnostics.

Software maintenance as a product does NOT include the creation, design, implementation, integration, etc. of a software package. These examples are considered software maintenance as a service.

Software Maintenance as a product is billed at the time of purchase.

___X_____ 2. Software Maintenance as a Service (SIN 132-34)

Software maintenance as a service creates, designs, implements, and/or integrates customized changes to software that solve one or more problems and is not included with the price of the software. Software maintenance as a service includes person-to-person communications regardless of the medium used to communicate: telephone support, on-line technical support, customized support, and/or technical expertise which are charged commercially. Software maintenance as a service is billed arrears in accordance with 31 U.S.C. 3324.

Software maintenance as a service is billed in arrears in accordance with 31 U.S.C. 3324.

b. Invoices for maintenance service shall be submitted by the Contractor on a quarterly or monthly basis, after the completion of such period. Maintenance charges must be paid in arrears (31 U.S.C. 3324). PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.

6. PERIODS MAINTENANCE (SIN 132-34)

a. The Contractor shall honor orders for periods for the duration of the contract period or a lessor period of time.

b. Maintenance may be discontinued by the ordering activity on thirty (30) calendar days written notice to the Contractor.

c. Annual Funding. When annually appropriated funds are cited on an order for term licenses and/or maintenance, the period of the term licenses and/or maintenance shall automatically expire on September 30 of the contract period, or at the end of the contract period, whichever occurs first. Renewal of the term licenses and/or maintenance orders citing the new appropriation shall be required, if the term licenses and/or maintenance is to be continued during any remainder of the contract period.

d. Cross-Year Funding Within Contract Period. Where an ordering activity's specific appropriation authority provides for funds in excess of a 12 month (fiscal year) period, the ordering activity may place an order under this schedule contract for a period up to the expiration of the contract period, notwithstanding the intervening fiscal years.

e. Ordering activities should notify the Contractor in writing thirty (30) calendar days prior to the expiration of an order, if maintenance is to be terminated at that time. Orders for the continuation of maintenance will be required if the maintenance is to be continued during the subsequent period.

7. UTILIZATION LIMITATIONS - (SIN 132-33, AND SIN 132-34)

a. Software acquisition is limited to commercial computer software defined in FAR Part 2.101.

b. When acquired by the ordering activity, commercial computer software and related documentation so legend shall be subject to the following:

(1) Title to and ownership of the software and documentation shall remain with the Contractor, unless otherwise specified.

(2) Software licenses are by site and by ordering activity. An ordering activity is defined as a cabinet level or independent ordering activity. The software may be used by any subdivision of the ordering activity (service, bureau, division, command, etc.) that has access to the site the software is placed at, even if the subdivision did not participate in the acquisition of the software. Further, the software may be used on a sharing basis where multiple agencies have joint projects that can be satisfied by the use of the software placed at one ordering activity's site. This would allow other agencies access to one ordering activity's database. For ordering activity public domain databases, user agencies and third parties may use the computer program to enter, retrieve, analyze and present data. The user ordering activity will take appropriate action by instruction, agreement, or otherwise, to protect the Contractor's proprietary property with any third parties that are permitted access to the computer programs and documentation in connection with the user ordering activity's permitted use of the computer programs and documentation. For purposes of this section, all such permitted third parties shall be deemed agents of the user ordering activity.

(3) Except as is provided in paragraph 8.b(2) above, the ordering activity shall not provide or otherwise make available the software or documentation, or any portion thereof, in any form, to any third party without the prior written approval of the Contractor. Third parties do not include prime Contractors, subcontractors and agents of the ordering activity who have the ordering activity's permission to use the licensed software and documentation at the facility, and who have agreed to use the licensed software and documentation only in accordance with these restrictions. This provision does not limit the right of the ordering activity to use software, documentation, or information therein, which the ordering activity may already have or obtains without restrictions.

(4) The ordering activity shall have the right to use the computer software and documentation with the computer for which it is acquired at any other facility to which that computer may be transferred, or in cases of Disaster Recovery, the ordering activity has the right to transfer the software to another site if the ordering activity site for which it is acquired is deemed to be unsafe for ordering activity personnel; to use the computer software and documentation with a backup computer when the primary computer is inoperative; to copy computer programs for safekeeping (archives) or backup purposes; to transfer a copy of the software to another site for purposes of benchmarking new hardware and/or software; and to modify the software and documentation or combine it with other software, provided that the unmodified portions shall remain subject to these restrictions.

(5) "Commercial Computer Software" may be marked with the Contractor's standard commercial restricted rights legend, but the schedule contract and schedule pricelist, including this clause, "Utilization Limitations" are the only governing terms and conditions, and shall take precedence and supersede any different or additional terms and conditions included in the standard commercial legend.

8. SOFTWARE CONVERSIONS - (SIN 132-33) NOT OFFERED

Full monetary credit will be allowed to the ordering activity when conversion from one version of the software to another is made as the result of a change in operating system , or from one computer system to another. Under a perpetual license (132-33), the purchase price of the new software shall be reduced by the amount that was paid to purchase the earlier version.

9. DESCRIPTIONS AND EQUIPMENT COMPATIBILITY

The Contractor shall include, in the schedule pricelist, a complete description of each software product and a list of equipment on which the software can be used. Also, included shall be a brief, introductory explanation of the modules and documentation which are offered.

10. RIGHT-TO-COPY PRICING

Right-to-copy licenses are not offered under the contract.

USA COMMITMENT TO PROMOTE SMALL BUSINESS PARTICIPATION PROCUREMENT PROGRAMS

PREAMBLE

Kratos Technology and Training Solutions, 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 Kratos Technology and Training Solutions, Inc.

BEST VALUE
BLANKET PURCHASE AGREEMENT
FEDERAL ACQUISITION SERVICE SCHEDULE

(Insert Customer Name)

In the spirit of the Federal Acquisition Streamlining Act (ordering activity) and (Contractor) enter into a cooperative agreement to further reduce the administrative costs of acquiring commercial items from the General Services Administration (GSA) Federal Acquisition Service Schedule Contract(s) _____.

Federal Acquisition Service Schedule contract BPAs eliminate contracting and open market costs such as: search for sources; the development of technical documents, solicitations and the evaluation of offers. Teaming Arrangements are permitted with Federal Acquisition Service Schedule Contractors in accordance with Federal Acquisition Regulation (FAR) 9.6.

This BPA will further decrease costs, reduce paperwork, and save time by eliminating the need for repetitive, individual purchases from the schedule contract. The end result is to create a purchasing mechanism for the ordering activity that works better and costs less.

Signatures

_____		_____	
Ordering Activity	Date	Contractor	Date

BPA NUMBER_____

(CUSTOMER NAME)
BLANKET PURCHASE AGREEMENT

Pursuant to GSA Federal Acquisition Service 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 Acquisition Service 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.

****

BASIC GUIDELINES FOR USING
"CONTRACTOR TEAM ARRANGEMENTS"

Federal Acquisition Service 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 Acquisition Service Schedule contracts.

Orders under a Team Arrangement are subject to terms and conditions or the Federal Acquisition Service Schedule Contract.

Participation in a Team Arrangement is limited to Federal Acquisition Service 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 Acquisition Service Schedule Contractors may individually meet the customers needs, or -
- Federal Acquisition Service Schedule Contractors may individually submit a Schedules "Team Solution" to meet the customer's requirement.
- Customers make a best value selection.

Part Number	Product	Description	GSA
IOP-1000	Non-Redundant ioPLEX Gateway 19 inch Base System with 110/220 VAC Power Supply	ioPLEX Non-Redundant Common Equipment 2U Chassis, 19 inch Rackmount, Single CPU, Single 110/220 VAC Power Supply, Clock Card, Fan assembly, Blank Panels, Installation Kit, Product Information CD. Requires that System Software version number be specified along with order. Reference IOP-4004, IOP-4600 and IOP-4400	$11,062.97
IOP-1010	Redundant ioPLEX Gateway 19 inch Base System with 110/220 VAC Power Supply	ioPLEX Redundant Common Equipment 2U Chassis, 19 inch Rackmount, Dual CPU, Single 110/220 VAC Power Supply, Clock Card, Fan assembly, Blank Panels, Installation Kit, Product Information CD. Requires that System Software version number be specified along with order. Reference IOP-4004, IOP-4600 and IOP-4400	$15,012.09
IOP-1040	Non-Redundant ioPLEX Gateway 19 inch Base System with -48 VDC Power Supply	ioPLEX Non-Redundant Common Equipment - 2 chassis, 19 inch Rackmount, Single CPU, Single -48VDC Power Supply, Clock Card, Fan Assembly, Blank Panels, Installation Kit, Product Information CD. Requires that System Software version number be specified along with order. Reference: IOP-4004, IOP-4600 and IOP-4450	$11,062.97

IOP-1050	**Redundant ioPLEX Gateway 19 inch Base System with -48 VDC Power Supply**	**ioPLEX Redundant Common Equipment - 2 chassis, 19 inch Rackmount, Dual CPU, Dual -48VDC Power Supply, Clock Card, Fan Assembly, Blank Panels, Installation Kit, Product Information CD. Requires that System Software version number be specified along with order. Reference: IOP-4004, IOP-4600 and IOP-4450**	**$15,012.09**
IOP-A0100	**ioPLEX Chassis - 2U Chassis, 19 inch rackmount front/rear horizontal slots, backplane, blank panels**	**2U Chassis, 19 inch rackmount, 8 each front/ 4 each rear horizontal I/O slots, backplane, blank panels, and mounting brackets. Specify 110/220 VAC, -48 VDC or 24 VDC power supplies. Reference IOP-4004**	**$4,982.87**
IOP-A0101	**ioPLEX Chassis - 2U Chassis, 19 inch rackmount front/rear horizontal slots, backplane, blank panels and fan tray**	**2U Chassis, 19 inch rackmount, 8 each front/ 4 each rear horizontal I/O slots, backplane, blank panels, mounting brackets and fan tray. Specify 110/220 VAC, -48 VDC or 24 VDC power supplies. Reference IOP-4004**	**$5,703.78**
IOP-A0500	**CPU and Software**	**CPU Module occupies one front slot, two CPUs required for redundant configuration, includes Flash Drive and System Software, System Software version must be specified with CPU order. Reference IOP-4600.**	**$2,987.91**
IOP-A1200	**Flash Memory Module - 256MB**	**Flash Memory Module - 256MB for CPU Module (IOP-A0500) Reference: 000003134**	**$81.61**
IOP-A0300	**Timing Clock Card**	**External timing interfaces for BITS and composite clock inputs, and installed in rear equipment slot on chassis. Reference IOP-4700**	**$902.27**

IOP-A0200	**110/220 VAC Power Supply**	**110/220 VAC 50/60 HZ Power Supply (auto configures), 150 watts capacity, and installs into dedicated equipment slots in front of the chassis. Two power supplies required for redundant configuration. AC Cordless to be ordered separately. Reference IOP-4400**	**$1,174.31**
IOP-A0202	**-48 VDC Power Supply**	**-48 VDC Power Supply, 150 watts capacity, and installs into dedicated equipment slots in the front of the chassis. Two power supplies required for redundant configuration. Reference IOP-4450**	**$1,174.31**
IOP-A0400	**Fan Assembly**	**Multi-Fan Assembly that installs in dedicated. Reference IOP-4000, 00002868 (Rittal)**	**$720.91**
IOP-A1102	**Air Filter**	**Foam air filter with aluminum frame. Reference IOP-4002**	**$104.28**
IOP-A1103	**Blank Panel - Front I/O Slot**	**Aluminum blank panel for front I/O slot**	**$13.60**
IOP-A1104	**Blank Panel - Rear I/O Slot**	**Aluminum blank panel for rear I/O slot**	**$13.60**
IOP-A1105	**Blank Panel - Power Supply Equipment Slot**	**Aluminum blank panel for power supply equipment slot**	**$13.60**
IOP-A1107	**Converter blank panel**	**Blank panel for Converter Mounting Panel. Use this blank panel for covering unused openings on OP-PP0103 Reference 00004468**	**$9.07**
IOP-A0900	**Installation Kit**	**Installation kit - ioPLEX 10xx 2U Chassis - Screws, Serial cable, and Installation documentation**	**$81.61**
IOP-A1106	**Product Information CD**	**ioPLEX Product Information Library on CDROM Media**	**$13.60**
IOP-A0820	**Voice, 2-wire FXS 6-port**	**Module for Rear I/O Slot, Vice, 2-wire FxS 6-port, supporting ATM (AAL 1 and AAL 2) and TDMoIP Transport**	**$3,901.06**

IOP-A0821	**Voice, 2-wire FxO 12 port**	**Module for Rear I/O Slot, Vice, 2-wire FxS 12-port, supporting ATM (AAL 1 and AAL 2) and TDMoIP Transport**	**$4,263.78**
IOP-A0850	**DS1/E1 I/O Processor Module and 12-port LIM**	**Module for Rear I/O Slot, Processor Capacity for 24-ports DS1 Channelized to DS0 level, Unframed E1, Integral CSU, Protocols Supported - CES. Ability to be configured in paired redundant configuration for hardware protection of up to 24-ports DS1/Unframed E1 (2 each IOP-A0851) Redundancy Planned with Future Release. Reference IOP-4510 and IOP-4520**	**$4,529.47**
IOP-A0851	**DS1/E1 I/O LIM Module with 12-ports**	**Line Interface Module for Rear I/O Slot providing 12-ports, Connector Type RJ48C, Compatible with Long/Short Haul Configurations. Physical interface for IOP-0850 I/O Processor Module. Reference IOP-4520**	**$1,809.07**
IOP-A0852	**DS/E1 I/O Processor Module**	**Module for Rear I/O Slot, Processor Capacity for 24-ports DS1 Channelized to DS0 level, Unframed E1, Integral CSU, Protocols Supported - CES. Enhancement for redundant paired configuration. HW protection of up to 24-ports DS1/Unframed E1 with feature support redundancy planned with future releases. Reference IOP-4510**	**$3,622.67**
IOP-A0853	**OC-3c and Serial I/O ATM Processor Module with 1-port**	**Module for Front I/O Slot with Processor Capacity for 1-ports OC-3 UnChannelized, Connector Type: SFP and Serial Electrical format EIA-530, Sync, Protocol Supported: ATM Reference IOP-4100**	**$2,987.91**

IOP-A0854	**SFP - Single-mode Fiber Optic module for OC-3 (1310nm-15km)**	**SFP - Single-mode Fiber Optic module for OC-3 (1310nm-15km) connector: LC type Reference 00003702**	**$272.04**
IOP-A0855	**SFP - Multi-mode Fiber Optic module for OC-3 (1310nm-2km)**	**SFP - Multi-mode Fiber Optic module for OC-3 (1310nm-2km) Connector: LC type Reference: 00003545**	**$136.02**
IOP-A0857	**OC-3c/OC-12 ATM Processor Module with 4-ports**	**Module for Front I/O Slot with Processor Capacity for 3-ports OC-3 and 1-port OC-12 (or 4 ports OC-3) Unchannelized, Connector Type: SFP Optics, Protocol Supported: ATM Reference: IOP-6100 Future Release adding 1+1 APS**	**$5,436.27**
IOP-A0858	**SFP-Single-mode Fiber Optic module for OC-3/OC-12 (1210nm-15km)**	**SFP-Single-mode Fiber Optic module for OC-3/OC-12 (1210nm-15km) Connector: LC type Reference 00003703**	**$362.72**
IOP-A0703	**Serial I/O Module - 4-port 20 Mbps/port**	**Module for Front I/O Slot with Processor Capacity for 4 -ports Serial, Line Rate: 75 bps - 20Mbps/port, Connector Type: SMART (Cisco), Electrical: RS-232, Eia-449, Eia-530, V.35, Data Format: Sync, Async, CES Reference: IOP-4901 This card supercedes the IOP-A0702 4-port 20Mbps Module**	**$6,343.07**
IOP-A0704	**Serial I/O module - 2-port LVDS 200 Mbps/port**	**Module for Front I/O Slot with Inphase and Quadrature LVDS, Line Rate 100 Kbps to 200 Mbps. Composte Rate up to 400 Mbps Single port, 200 Mbps Dual Port, (200 Mbps I&Q Future) Reference: IOP-6400**	**$7,254.41**
IOP-A0706	**Serial I/O module - 8-port WXL 55 Mbps/port**	**Module for Rear I/O Slot with Porcessor Capability for 8-ports ECL Serial, Line Rate 100 bps to 55 Mbps per port, Connector Type SMART (Cisco), Electrical: ECL.**	**$10,877.08**

		Reference: IOP-6301	
IOP-A0707	**Serial I/O module - 8-port RS-422 20 Mbps/port**	**Module for Rear I/O Slot with Porcessor Capability for 8-ports RS-422 Serial, Line Rate 75 bps to 20 Mbps per port, Connector Type SMART (Cisco), Electrical: RS422. Reference: IOP-6300**	**$9,970.28**
IOP-A0708	**CDL Multiplexer**	**Module for Front I/O Slot with support for Mux/Demux of Standard CDL Waveform Rev G. Reference IOP-6200**	**$9,970.28**
IOP-A0901S	**Converter I/O module - 1-port RS-530-TTL (Standard BNC)**	**Converter I/O module - 1-port RS-530-TTL includes Smart serial Cable to interwork RS-530 and TTL signals using Standard BNC connectors. Converter - RS-530 to TTL includes IOP-CBL0102 cable. Reference IOP-5007**	**$317.38**
IOP-A0903S	**Converter I/O module - 1-port RS-530-Wideband Analog (Standard BNC)**	**Converter I/O module - 1-port RS-530-TTL includes Smart Serial Cable to interwork RS-530 and Wideband Analog signals using Standard BNC connectors. Converter - RS-530 to Wideband Analog includes IOP-CBL0102 cable. Reference IOP-4351**	**$775.31**
IOP-A0904S	**Converter I/O module - 1-port RS-530-High speed TTL (Standard BNC)**	**Converter I/O module - 1-port-530-HSTTL includes Smart Serial cable to interwork RS-530 and High Speed TTL signals using Standard BNC connectors. Converter - RS-530 to High Speed TTL includes IOP-CBL0102 cable. Reference IOP-5006**	**$362.72**

IOP-A0906	**Converter I/O module - 1-port LVDS-ECL TX (SMA)**	**Converter I/O module - 1-port LVDS-ECL Tx excludes the CAT5e or CAT6 cable to interwork LVDS and ECL signals. Connector interfaces RJ45-SMA. Converter I/O module - 1-port LVDS - ECL Txx (excludes the CAT5e or CAT6 cable) Reference IOP-6401T**	**$539.55**
IOP-A0906T	**Converter I/O module - 1-port LVDS-ECL TX (SMA)**	**Converter I/O module - 1-port LVDS-ECL Tx excludes the CAT5e or CAT6 cable to interwork LVDS and ECL signals. Connector interfaces RJ45-SMA w/terminations. Converter I/O module - 1-port LVDS - ECL Txx (excludes the CAT5e or CAT6 cable) Reference IOP-6401T**	**$539.55**
IOP-A0907	**Converter I/O module - 1-Port LVDS-ECL RX (SMA)**	**Converter I/O module - 1-ort LVDS-ECL Rx excludes the CAT5e or CAT6 cable to interwork LVDS and ECL signals. Connector interfaces RJ45-SMA. Converter I/O module - 1-port LVDS-ECL RX (excludes the CAT5e or CAT6 cable) Reference IOP-6402**	**$612.09**
IOP-A0909	**Converter I/O module - 1-port RS-530-Optical (ST)**	**Converter I/O module - 1-port Electrical RS-422 (RS-530) to Optical (ST) Converter I/O module - 1-port RS-422 (RS-530 connector) to Optical (ST connector) includes IOP-CBL0102 cable. Reference IOP-5110**	**$793.45**
IOP-A0910	**Converter I/O module - 1-port RS-530-Analog Enhanced (Standard BNC)**	**Converter I/O module - 1-port RS-530-Analog includes Smart Serial Cable to interwork RS-530 and Analog signals and adjustable output levels using Standard BNC connectors. Converter I/O module - 1-port**	**$680.10**

		RS-530-Analog Enhanced includes IOP-CBL0102 cable Reference IOP-4360	
IOP-A0911	Converter I/O module - 2-port LVDS - ECL TX (Twinaz/Triax)	Converter I/O module - 2-port LVDS-ECL Tx includes Cable to interwork LVDS and ECL signals. Connector interfaces RJ45-Twinax/Triaz. Converter I/O module - 2-port LVDS-ECL Tx includes the LVDS cable Reference IOP-6403	$589.42
IOP-A0911T	Converter I/O module - 2-port LVDS - ECL TX (Twinaz/Triax)	Converter I/O module - 2-port LVDS-ECL Tx includes Cable to interwork LVDS and ECL signals. Connector interfaces RJ45-Twinax/Triaz w/terminations. Converter I/O module - 2-port LVDS-ECL Tx includes the LVDS cable Reference IOP-6403T	$589.42
IOP-A0912	Converter I/O module - 1-port RS-530-Twinax/Triax	High Density CISCO Smart Serial Compatible Cable 26 pin serial RS-530 to Twinax/Triax Connector 10 foot length. Converter - RS-530 Twinax includes IOP-CBL0102 cable Reference 5100	$539.55
IOP-A0913	Converter I/O module - 1-port LVDS-ECL Rx (Twinax/Triax)	Converter I/O module - 1-port LVDS-ECL RX includes Cable to interwork LVDS and ECL signals. Connector interfaces RJ45 Twinax/Triax. Converter I/O module - 1-port LVDS-ECL RX includes the LVDS cable Reference IOP-6405	$498.74
IOP-PP0103	Converter mounting panel - 4 Converters	10 inch rack mount converter panel -4 Converter capacity for extrusion housing converters. Use this mounting panel when ordering the following converters: A0901S, A0904S,	$68.01

		A0906, A0907, A0908, A0909, A0910, A0911, A0912, and A0913 Reference 00002770	
IOP-CBL0100	Cable - Serial I/O - RS-449, DTE, 10 foot	High Density CISCO Smart Serial Compatible cable - 26 pin serial to DB37 Male (RS449) DTE	$81.61
IOP-CBL0101	Cable - Serial I/O - RS-449, DCE, 10 foot	High Density CISCO Smart Serial Compatible cable - 26 pin serial to DB37 Female (RS449) DCE	$81.61
IOP-CBL0102	Cable - Serial I/O - RS-530, DTE, 10 foot	High Density CISCO Smart Serial Compatible cable - 26 pin serial to DB25 Male (RS530) DTE	$81.61
IOP-CBL0103	Cable - Serial I/O - RS-530, DCE, 10 foot	High Density CISCO Smart Serial Compatible cable - 26 pin serial to DB25 Male (RS530) DCE	$81.61
IOP-CBL0104	Cable - Serial I/O - RS-232, DTE 10 foot	High Density CISCO Smart Serial Compatible cable - 26 pin serial to DB25 Male (RS232) DTE	$81.61
IOP-CBL0105	Cable - Serial I/O - RS-232, DCE 10 foot	High Density CISCO Smart Serial Compatible cable - 26 pin serial to DB25 Female (RS232) DCE	$81.61
IOP-CBL0110	Cable - Coaxial BNC Bayonet to Slimline Bayonet - 6 foot	Standard BNC Bayonet style - Amphenol Slimline BNC Bayonet style. Reference 00001418	$45.34
IOP-CBL0112	Cable - SMA STR Plug-Plug, RG316, 3 foot	Coaxial cable RG316, SMA Straight Plug-Plug. Reference 00004766	$27.20
IOP-A0600	Gigabit Ethernet Module - 1-port	Module for Front I/O Slot with Processor Capacity for 1-port Ethernet, Line Rate: 1Gbps/port. Connector Type: Reference IOP-4800	$2,987.91

IOP-A0601	SFP - Single-mode Fiber Optic module for Gbit Ethernet (1310nm-10km)	SFP - Single-mode Fiber Optic module for Gbit Ethernet (1310nm-10km) connector type LC type	$272.04
IOP-A0602	SFP - Single-mode Fiber Optic module for Gbit Ethernet (850nm-500m)	SFP - Single-mode Fiber Optic module for Gbit Ethernet (850nm-500m) Connector: LC type	$136.02
IOP-A0603A	SFP - Bi-directional Single-mode Fiber Optic module foir Gbit Ethernet (Tx 1310nm and Rx 1490nm-10km)	SFP - Bi-directional Single-mode Fiber Optic module foir Gbit Ethernet (Tx 1310nm and Rx 1490nm-10km) Connector: LC type. Bi-directional capability only needs single fiber interconnect. Ordered as a matched pair since Tx and Rx using different wavelenghts 1310nm and 1490nm.	$544.08
IOP-A0603B	SFP - Bi-directional Single-mode Fiber Optic module foir Gbit Ethernet (Rx 1310nm and Tx 1490nm-10km)	SFP - Bi-directional Single-mode Fiber Optic module foir Gbit Ethernet (Rx 1310nm and Tx 1490nm-10km) Connector: LC type. Bi-directional capability only needs single fiber interconnect. Ordered as a match pair since Tx and Rx using different wavelenghts 1310nm and 1490nm.	$544.08
IOP-A0604	SFP - Single-mode Fiber Optic module for Gbit Ethernet (1310nm-10km)	SFP - Single-mode Fiber Optic module for Gbit Ethernet (1310nm-10km)Connector: LC type. The 55 km reach is achieved using 9/125um fiber cable. Refer to product data sheet for other fiber types.	$498.74
IOP-A0800	Video I/O module -	Video I/O module -	$5,436.27
IOP-A1114	Powercord, 10A/125VAC, Shielded	Powercord, 10A/125VAC, Shielded	$19.04
IOP-A1115	Powercord, 10A/125VAC, Shielded	Powercord, 10A/125VAC, Shielded	$19.04
IOP-A1100	Brackets - 23" extention mounts for 19" 2U chassis	Brackets - 23" extention mounts for 19" 2U chassis	$181.36
IOP-A1101	Brackets - Rack mount for	Brackets - Rack mount for 19"	$22.67

	19" 2U chassis	**2U chassis**	
IOP-A1113	**Brackets - Recess rack mount 19" 2U chassis**	**Brackets - Recess rack mount 19" 2U chassis**	**$204.03**
IOP-HW0201	**1-Year Extended Hardware Warranty**	**1-Year Extended Hardware Warranty**	**2% discount**

*Note: Hardware Extended Warranty is 1.5% of commercial list price. GSA schedule price is a 2% discount off commercial commercial list price.

Part Number	**Product**	**Description**	**GSA**
IOP-SW0201	**1-Year Software Support Plan**	**1-Year Software Support Plan**	**$2,562.32**
IOP-SW0202	**2-Year Software Support Plan**	**2-Year Software Support Plan**	**$4,932.09**
IOP-SW0203	**1-Year Software Support Plan**	**1-Year Software Support Plan**	**$1,974.81**