GENERAL SERVICES AUTHORIZED
FEDERAL SUPPLY SERVICE

MULTIPLE AWARD SCHEDULE (MAS)

Information Technology Category

SIN 33411 Purchasing of New Electronic Equipment
FSC CLASS 5995 - CABLE, CORD, AND WIRE ASSEMBLIES: COMMUNICATIONS EQUIPMENT
Communications Equipment Cables
FSC CLASS 6145 - WIRE AND CABLE, ELECTRICAL Coaxial Cables
FSC CLASS 5820 - RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE
Satellite Communications Equipment
FSC CLASS 5895 - MISCELLANEOUS COMMUNICATION EQUIPMENT
Miscellaneous Communications Equipment
- Installation (FPDS Code N070) for Equipment Offered
- Deinstallation (FPDS N070 and N058)
- Reinstallation (FPDS N070 and N058)

SIN 811212 Maintenance of Equipment, Repair Services and/or Repair/Spare Parts
FSC/PSC Class J058 – Maintenance and Repair of Communication Equipment-Maintenance/ Repair Service/Repair Parts/Spare Parts
SIN 517410 Commercial Satellite Communications Solutions (COMSATCOM)

AIS Engineering, Inc.
804 Pershing Drive, Suite 208
Silver Spring, MD 20910
Phone: (301) 585-1238
Fax: (301) 585-3261
Website: www.aisengineering.com

Contract Number: GS-35F-0454X

Period Covered by Contract: June 22, 2011 through June 21, 2021
Catalog effective through Modification #PS-A824, dated September 1, 2020

Business Size: SBA Certified SDB, WOSB

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

CUSTOMER INFORMATION:

1a. TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINs)

SIN	DESCRIPTION
33411/STLOC/RC	Purchasing of New Electronic Equipment
811212/STLOC/RC	Maintenance of Equipment, Repair Services and/or Repair/Spare Parts
517410/STLOC/RC	Commercial Satellite Communications Solutions (COMSATCOM)

1b. LOWEST PRICED MODEL NUMBER AND PRICE FOR EACH SIN: See pricelist

1c. HOURLY RATES (Services only): See pricelist

2. MAXIMUM ORDER*: $500,000 (All SINs)

NOTE TO ORDERING ACTIVITIES: *If the best value selection places your order over the Maximum Order identified in this catalog/pricelist, you have an opportunity to obtain a better schedule contract price. Before placing your order, contact the aforementioned contactor for a better price. The contractor may (1) offer a new price for this requirement (2) offer the lowest price available under this contract or (3) decline the order. A delivery order that exceeds the maximum order may be placed under the schedule contract in accordance with FAR 8.404.

3. MINIMUM ORDER: $100

4. GEOGRAPHIC COVERAGE: Domestic

5. POINT(S) OF PRODUCTION: N/A (Services Only)

6. DISCOUNT FROM LIST PRICES: Net Prices are shown on the attached GSA Pricelist.

7. QUANTITY DISCOUNT(S):

33411/STLOC/RC	1% -17% for quantities of 10 or more on a line item basis.
517410/STLOC/RC	1% for orders between $1,000,000.00 -$2,999,999.99
	2% For orders of 3,000,000.00 or more

8. PROMPT PAYMENT TERMS: Net 30 Days

9.a Government Purchase Cards must be accepted at or below the micro-purchase threshold.
9.b Government Purchase Cards are not accepted above the micro-purchase threshold.

10. FOREIGN ITEMS: None

11a. TIME OF DELIVERY:

33411/STLOC/RC	30 Days
811212/STLOC/RC	30 Days
517410/STLOC/RC	15 Days

11b. EXPEDITED DELIVERY: 7 Days (SIN 33411 and 811212)
11c. OVERNIGHT AND 2-DAY DELIVERY: 4 hours (SIN 517410)

11d. URGENT REQUIRMENTS: 5 Days (SIN 33411 and 811212)
*****Please Note:** equipment, licensing & HNA's may require additional time.

12. FOB POINT: Destination

13a. ORDERING ADDRESS: 804 Pershing Drive, Suite 208 Silver Spring, MD 20910.

13b. ORDERING PROCEDURES: Ordering activities shall use the ordering procedures described in Federal Acquisition Regulation 8.405-3 when placing an order or establishing a BPA for supplies or services. The ordering procedures, information on Blanket Purchase Agreements (BPA's) and a sample BPA can be found at the GSA/FSS Schedule Homepage (fss.gsa.gov/schedules).

14. PAYMENT ADDRESS: 804 Pershing Drive, Suite 208 Silver Spring, MD 20910.
*****Please Note:** Routing #055003340, Account #0113265411

15. WARRANTY PROVISION: Standard Commercial Warranty

16. EXPORT PACKING CHARGES: N/A

17. TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE: N/A

18. TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE): N/A

19. TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE): N/A

20. TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF AVAILABLE): N/A

20a. TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE): N/A

21. LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE): N/A

22. LIST OF PARTICIPATING DEALERS (IF APPLICABLE): N/A

23. PREVENTIVE MAINTENANCE (IF APPLICABLE): N/A

24a. SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g. recycled content, energy efficiency, and/or reduced pollutants): N/A

24b. Section 508 Compliance for Electronic and Information Technology (EIT): As applicable

25. DUNS NUMBER: 159837418

26. NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE: Registered. Cage Code 1TZK6

TERMS AND CONDITIONS APPLICABLE TO PURCHASING OF NEW ELECTRONIC EQUIPMENT (SPECIAL ITEM NUMBER 33411)

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:

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 the Information Technology Category Schedule.

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 post acceptance 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.

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: N/A

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 MAINTENANCE OF EQUIPMENT, REPAIR SERVICES AND/OR REPAIR/SPARE PARTS (SPECIAL ITEM NUMBER 811212)

1. SERVICE AREAS

a. The maintenance and repair service rates listed herein are applicable to any ordering activity location within a **0** mile radius of the Contractor's service points. If any additional charge is to apply because of the greater distance from the Contractor's service locations, the mileage rate or other distance factor shall be negotiated at the Task Order level.

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: **N/A**

2. MAINTENANCE ORDER

a. Agencies may use written orders, EDI orders, credit card orders, or BPAs, for ordering maintenance under this contract. The Contractor shall confirm orders within fifteen (15) calendar days from the date of receipt, except that confirmation of orders shall be considered automatic for renewals for maintenance (Special Item Number 811212). Automatic acceptance of order renewals for maintenance service shall apply for machines which may have been discontinued from use for temporary periods of time not longer than 120 calendar days. If the order is not confirmed by the Contractor as prescribed by this paragraph, the order shall be considered to be confirmed by the Contractor.

b. The Contractor shall honor orders for maintenance for the duration of the contract period or a lessor period of time, for the equipment shown in the pricelist. Maintenance service shall commence on a mutually agreed upon date, which will be written into the maintenance order. Maintenance orders shall not be made effective before the expiration of any applicable maintenance and parts guarantee/warranty period associated with the purchase of equipment. Orders for maintenance service shall not extend beyond the end of the contract period.

c. Maintenance may be discontinued by the ordering activity on thirty (30) calendar days written notice, or shorter notice when agreed to by the Contractor; such notice to become effective thirty (30) calendar days from the date on the notification. However, the ordering activity may extend the original discontinuance date upon written notice to the Contractor, provided that such notice is furnished at least ten (10) calendar days prior to the original discontinuance date.

d. Annual Funding. When annually appropriated funds are cited on a maintenance order, the period of maintenance shall automatically expire on September 30th of the contract period, or at the end of the contract period, whichever occurs first. Renewal of a maintenance order citing the new appropriation shall be required, if maintenance is to continue during any remainder of the contract period.

e. 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.

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

3. 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.

4. 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.

5. SCOPE

a. The Contractor shall provide maintenance 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 811212 (or outside the scope of this contract).

6. 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.

7. 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.

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.

8. MAINTENANCE RATE PROVISIONS

a. The Contractor shall bear all costs of maintenance, including labor, parts, and such other expenses as are necessary to keep the equipment in good operating condition, provided that the required repairs are not occasioned by fault or negligence of the ordering activity.

b. REGULAR HOURS

The basic monthly rate for each make and model of equipment shall entitle the ordering activity to maintenance service during a mutually agreed upon nine (9) hour principal period of maintenance, Monday through Friday, exclusive of holidays observed at the ordering activity location.

c. AFTER HOURS

Should the ordering activity require that maintenance be performed outside of Regular Hours, charges for such maintenance, if any, will be specified in the pricelist. Periods of less than one hour will be prorated to the nearest quarter hour.

d. TRAVEL AND TRANSPORTATION

If any charge is to apply, over and above the regular maintenance rates, because of the distance between the ordering activity location and the Contractor’s service area, the charge will be negotiated at the Task Order level.

N/A

e. QUANTITY DISCOUNTS

Quantity discounts from listed maintenance service rates for multiple equipment owned and/or leased by a ordering activity are indicated below:

Quantity Range	Discounts
N/A Units	**N/A** %
N/A Units	**N/A** %
N/A Units	**N/A** %

9. REPAIR SERVICE RATE PROVISIONS

a. CHARGES. Charges for repair service will include the labor charge, computed at the rates set forth below, for the time during which repairmen are actually engaged in work, and, when

applicable, the charge for travel or transportation.

b. MULTIPLE MACHINES. When repairs are ordered by a ordering activity on two or more machines located in one or more buildings within walking distance of each other, the charges will be computed from the time the repairman commences work on the first machine, until the work is completed on the last machine. The time required to go from one machine to another, or from one building to another, will be considered actual work performance, and chargeable to the ordering activity, provided the time consumed in going between machines (or buildings) is reasonable.

c. TRAVEL OR TRANSPORTATION

(1) AT THE CONTRACTOR'S SHOP

(a) When equipment is returned to the Contractor's shop for adjustments or repairs which are not covered by the guarantee/warranty provision, the cost of transportation, packing, etc., from the ordering activity location to the Contractor's plant, and return to the ordering activity location, shall be borne by the ordering activity.

(b) The ordering activity should not return defective equipment to the Contractor for adjustments and repairs or replacement without his prior consultation and instruction.

(2) AT THE ORDERING ACTIVITY LOCATION (Within Established Service Areas) When equipment is repaired at the ordering activity location, and repair service rates are established for service areas or zones, the listed rates are applicable to any ordering activity location within such service areas or zones. No extra charge, time, or expense will be allowed for travel or transportation of repairmen or machines to or from the ordering activity office; such overhead is included in the repair service rates listed.

(3) AT THE ORDERING ACTIVITY LOCATION (Outside Established Service Areas)

(a) If repairs are to be made at the ordering activity location, and the location is outside the service area as shown in paragraph 1.a, the repair service and mileage rates negotiated per subparagraphs 1.a and 8.d will apply.

(b) When the overall travel charge computed at the above mileage rate is unreasonable (considering the time required for travel, actual and necessary transportation costs, and the allowable ordering activity per diem rate for each night the repairman is required to remain overnight at the ordering activity location), the ordering activity shall have the option of reimbursing the Contractor for actual costs, provided that the actual costs are reasonable and allowable. The Contractor shall furnish the ordering activity with a report of travel performed and related expenses incurred. The report shall include departure and arrival dates, times, and the applicable mode of travel.

d. LABOR RATES

(1) REGULAR HOURS

The Regular Hours repair service rates listed herein shall entitle the ordering activity to repair service during the period 8:00 a.m. to 5:00 p.m., Monday through Friday, exclusive of holidays observed at the ordering activity location. There shall be no additional charge for repair service which was requested during Regular Hours, but performed outside the Regular Hours defined above, at the convenience of the Contractor.

(2) AFTER HOURS

When the ordering activity requires that repair service be performed outside the Regular Hours defined above, except Sundays and Holidays observed at the ordering activity location, the After Hours repair service rates listed herein shall apply. The Regular Hours rates defined above shall apply when repair service is requested during Regular Hours but performed After Hours at the convenience of the Contractor.

(3) SUNDAYS AND HOLIDAYS

When the ordering activity requires that repair service be performed on Sundays and Holidays observed at the ordering activity location, the Sundays and Holidays repair service rates listed herein shall apply. When repair service is requested to be performed during Regular Hours and/or After Hours, but is performed at the convenience of the Contractor on Sundays or Holidays observed at the ordering activity location, the Regular Hours and/or After Hours repair service rates, as applicable, shall apply.

10. REPAIR PARTS/SPARE PARTS RATE PROVISIONS

All parts, furnished as spares or as repair parts in connection with the repair of equipment, unless otherwise indicated in this pricelist, shall be new, standard parts manufactured by the equipment manufacturer. All parts shall be furnished at prices indicated in the Contractor's commercial pricelist dated _____, at a discount of _____% from such listed prices.

11. GUARANTEE/WARRANTY—REPAIR SERVICE AND REPAIR PARTS/SPARE PARTS

a. REPAIR SERVICE

All repair work will be guaranteed/warranted for a period of: AIS ENGINEERING, INC. (AIS) warrants to customer that the Equipment will during the Warranty Period (defined below), materially conform to applicable published specifications in effect on the date of shipment, and will, under normal use and service, perform free of material defects. The warranty period for any Equipment shall be twelve (12) months from the date AIS ships the relevant Equipment to Customer ("Warranty Period"). Customer may request to purchase an extended warranty for a particular item of Equipment. If Customer elects to purchase such extended warranty coverage, Customer must purchase the additional extended warranty coverage for a given item of Equipment within ninety (90) days of Customer's original purchase of the Equipment as identified in the initial order. Depending on the specific extended warranty package purchased, by Customer the Warranty Period will be extended to the corresponding time period specified. Depending upon the particular warranty package purchased AIS shall arrange for evaluation and repair of the covered Equipment in accordance with the provisions set forth. Customer shall be charged, in accordance with the applicable fees for returns and repairs performed by AIS that are (i) outside of the warranty period, (ii) repairs due to misuse of the Equipment, or (iii) if AIS determines that there is no trouble found with respect to the particular item of returned Equipment. AIS' sole obligation, and Customers 'sole remedy, under this Section is limited to the repair or replacement, at AIS' option, of the defective Equipment non-conformities. In the event of a warranty claim during the Warranty Period, or a request for out- of-warranty service, in respect of Equipment, Customer will notify the AISNOCC, helpdesk@aisengineering.com with the make model and serial number with description of the problem and steps taken to resolve the issue. AIS may elect to provide additional

troubleshooting steps to try and restore the unit locally. If the unit cannot be restored, AIS shall provide to Customer a RMA tracking number within twenty four (24) hours or the next business day, via e-mail or telephone to be referenced by Customer in the documentation that accompanies the Equipment being returned to AIS. Upon receipt of the Equipment with the RMA tracking number, AIS shall use commercially reasonable efforts to repair or replace the returned Equipment at no charge to Partner or Customer within forty-five (45) days of receipt of the returned Equipment unless: (i) the Equipment was altered, repaired, or reworked by a party other than AIS without AIS' prior written consent; (ii) such defects or errors were the result of (1) Customer's or a Customer's improper testing, installation, or storage, or mishandling, abuse, or misuse of the Equipment; (2) Customer's use of the Equipment in conjunction with another product which is electronically or mechanically incompatible, or of an inferior quality; (3) damage by fire, explosion, power failure, or any act of nature or (4) use of an antenna kit or radio package not provided by, or approved by, AIS or iDirect (a list of approved configurations is available from the Global Support Website, iSUPPORT Online at http://www.tac.idirect.net); (iii) the Warranty Period for the specific Equipment has expired; (iv) the Equipment was damaged as a result of accident; unusual physical, electrical or electromagnetic stress; neglect; misuse; failure or fluctuation of electric power, air conditioning or humidity control; excessive heat; fire and smoke damage; operation of Equipment and/or Software with other media and hardware, software or telecommunication interfaces not meeting or not maintained in accordance with the manufacturer's specifications; or causes other than ordinary use; or (v) AIS determines that there is no defect in the returned Equipment. Subject to the provisions of this Section, defective Equipment returned during the Warranty Period will be (i) returned by Customer to AIS' designated facility, at Customer's expense, (ii) repaired or replaced by AIS at no charge to Partner (subject to Section (c) below), and (iii) shipped to Customer's designated facility. Customer shall assume risk of loss or damage to Equipment returned to AIS for repair or replacement until delivery to AIS. (c) Customer agrees to pay for all services and expenses not covered by this warranty during the Warranty Period or for any out-of-warranty service request. Partner also agrees to pay AIS its then-current out-of-warranty service request fee for each out-of-warranty service request. For repair or replacement services that are not covered by the warranty or for any out-of-warranty service request, AIS shall invoice Customer for (A) AIS's services at its then-current rates, (B) materials and (C) delivery charges to and from AIS' facilities. AIS reserves the right in its sole discretion to include in the repaired or replaced Equipment embedded software that is upgraded, modified, or different and/or an Equipment or hardware components thereof that may be new, repaired, different, or refurbished, provided that the repaired or replaced Equipment will have the same compatibility as the failed Equipment and will offer the same functionality as the failed Equipment did when purchased by Customer. AIS shall have no obligation to repair a Product two (2) years following the effective date of manufacturers End of Life notice to AIS. AIS will not be responsible for publishing this notice.

The "Warranty Period" for any Equipment corrected, repaired, or replaced is sixty (60) days from the date of correction or shipment, as applicable, or until the end of the Warranty Period, whichever is longer. AIS makes no representations or warranties about Third Party Software, or any Third Party Equipment, but to the extent permitted, will pass through any manufacturer warranties in respect of

such third party materials. AIS shall provide reasonable assistance to Customer to facilitate Customer making any warranty claims regarding such third-party materials.

Disclaimer.

NEITHER AIS NOR ITS SUPPLIERS WARRANT THAT USE OF PRODUCTS WILL BE UNINTERRUPTED OR ERROR FREE OR AS TO THE RESULTS THAT MAY BE OBTAINED FROM USE OF PRODUCTS, INCLUDING, WITHOUT LIMITATION DATA TRANSFER RATES OR OVER SUBSCRIPTION THAT MAY BE ACHIEVED. EXCEPT AS EXPRESSLY STATED HEREIN, AIS AND ITS SUPPLIERS DISCLAIM ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT, NONINFRINGEMENT, ACCURACY, INTEGRATION, AND ALL WARRANTIES ARISING OUT OF USAGE OF TRADE, COURSE OF DEALING OR COURSE OF PERFORMANCE AND ALL PRODUCTS ARE PROVIDED ON AN "AS IS" BASIS.

REPAIR PARTS/SPARE PARTS

All parts, furnished either as spares or repairs parts will be guaranteed/warranted for a period: AIS ENGINEERING, INC. (AIS) warrants to customer that the Equipment will during the Warranty Period (defined below), materially conform to applicable published specifications in effect on the date of shipment, and will, under normal use and service, perform free of material defects. The warranty period for any Equipment shall be twelve (12) months from the date AIS ships the relevant Equipment to Customer ("Warranty Period"). Customer may request to purchase an extended warranty for a particular item of Equipment. If Customer elects to purchase such extended warranty coverage, Customer must purchase the additional extended warranty coverage for a given item of Equipment within ninety (90) days of Customer's original purchase of the Equipment as identified in the initial order. Depending on the specific extended warranty package purchased, by Customer the Warranty Period will be extended to the corresponding time period specified. Depending upon the particular warranty package purchased AIS shall arrange for evaluation and repair of the covered Equipment in accordance with the provisions set forth. Customer shall be charged, in accordance with the applicable fees for returns and repairs performed by AIS that are (i) outside of the warranty period, (ii) repairs due to misuse of the Equipment, or (iii) if AIS determines that there is no trouble found with respect to the particular item of returned Equipment. AIS' sole obligation, and Customers 'sole remedy, under this Section is limited to the repair or replacement, at AIS' option, of the defective Equipment non-conformities. In the event of a warranty claim during the Warranty Period, or a request for out-of-warranty service, in respect of Equipment, Customer will notify the AISNOCC, helpdesk@aisengineering.com with the make model and serial number with description of the problem and steps taken to resolve the issue. AIS may elect to provide additional troubleshooting steps to try and restore the unit locally. If the unit cannot be restored, AIS shall provide to Customer a RMA tracking number within twenty four (24) hours or the next business day, via e-mail or telephone to be referenced by Customer in the documentation that accompanies the Equipment being returned to AIS. Upon receipt of the Equipment with the RMA tracking number, AIS shall use commercially reasonable efforts to repair or replace the returned Equipment at no

charge to Partner or Customer within forty-five (45) days of receipt of the returned Equipment unless: (i) the Equipment was altered, repaired, or reworked by a party other than AIS without AIS' prior written consent; (ii) such defects or errors were the result of (1) Customer's or a Customer's improper testing, installation, or storage, or mishandling, abuse, or misuse of the Equipment; (2) Customer's use of the Equipment in conjunction with another product which is electronically or mechanically incompatible, or of an inferior quality; (3) damage by fire, explosion, power failure, or any act of nature or (4) use of an antenna kit or radio package not provided by, or approved by, AIS or iDirect (a list of approved configurations is available from the Global Support Website, iSUPPORT Online at http://www.tac.idirect.net); (iii) the Warranty Period for the specific Equipment has expired; (iv) the Equipment was damaged as a result of accident; unusual physical, electrical or electromagnetic stress; neglect; misuse; failure or fluctuation of electric power, air conditioning or humidity control; excessive heat; fire and smoke damage; operation of Equipment and/or Software with other media and hardware, software or telecommunication interfaces not meeting or not maintained in accordance with the manufacturer's specifications; or causes other than ordinary use; or (v) AIS determines that there is no defect in the returned Equipment. Subject to the provisions of this Section, defective Equipment returned during the Warranty Period will be (i) returned by Customer to AIS' designated facility, at Customer's expense, (ii) repaired or replaced by AIS at no charge to Partner (subject to Section (c) below), and (iii) shipped to Customer's designated facility. Customer shall assume risk of loss or damage to Equipment returned to AIS for repair or replacement until delivery to AIS. (c) Customer agrees to pay for all services and expenses not covered by this warranty during the Warranty Period or for any out-of-warranty service request. Partner also agrees to pay AIS its then-current out-of-warranty service request fee for each out-of-warranty service request. For repair or replacement services that are not covered by the warranty or for any out-of-warranty service request, AIS shall invoice Customer for (A) AIS's services at its then-current rates, (B) materials and (C) delivery charges to and from AIS' facilities. AIS reserves the right in its sole discretion to include in the repaired or replaced Equipment embedded software that is upgraded, modified, or different and/or an Equipment or hardware components thereof that may be new, repaired, different, or refurbished, provided that the repaired or replaced Equipment will have the same compatibility as the failed Equipment and will offer the same functionality as the failed Equipment did when purchased by Customer. AIS shall have no obligation to repair a Product two (2) years following the effective date of manufacturers End of Life notice to AIS. AIS will not be responsible for publishing this notice

"The Warranty Period" for any Equipment corrected, repaired, or replaced is sixty (60) days from the date of correction or shipment, as applicable, or until the end of the Warranty Period, whichever is longer. AIS makes no representations or warranties about Third Party Software, or any Third-Party Equipment, but to the extent permitted, will pass through any manufacturer warranties in respect of such third-party materials. AIS shall provide reasonable assistance to Customer to facilitate Customer making any warranty claims regarding such third-party materials.

Disclaimer. NEITHER AIS NOR ITS SUPPLIERS WARRANT THAT USE OF PRODUCTS WILL BE UNINTERRUPTED OR ERROR FREE OR AS TO THE RESULTS THAT MAY BE OBTAINED FROM USE OF PRODUCTS, INCLUDING, WITHOUT LIMITATION DATA

TRANSFER RATES OR OVER SUBSCRIPTION THAT MAY BE ACHIEVED. EXCEPT AS EXPRESSLY STATED HEREIN, AIS AND ITS SUPPLIERS DISCLAIM ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT, NONINFRINGEMENT, ACCURACY, INTEGRATION, AND ALL WARRANTIES ARISING OUT OF USAGE OF TRADE, COURSE OF DEALING OR COURSE OF PERFORMANCE AND ALL PRODUCTS ARE PROVIDED ON AN "AS IS" BASIS.

12. 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 TO COMMERCIAL SATELLITE COMMUNICATIONS SOLUTIONS (COMSATCOM) (SPECIAL ITEM NUMBER 517410)

1. COMSATCOM CAPACITY AND COVERAGE

The Ordering Activity shall specify the capacity and coverage required as part of the initial requirement.

2. INFORMATION ASSURANCE

a. The Ordering Activity is responsible for ensuring to the maximum extent practicable that each requirement issued is in compliance with either the Committee on National Security Systems Policy (CNSSP) 12, "National Information Assurance Policy for Space Systems used to Support National Security Missions," or the Department of Defense Directive (DoDD) 8581.1, "Information Assurance (IA) Policy for Space Systems Used by the Department of Defense."

b. The Ordering Activity shall assign an impact level (per Federal Information Processing Standards Publication 200 (FIPS 200), "*Minimum Security Requirements for Federal Information and Information Systems*") or MAC level (per DoD Instruction (DoDI) 8500.2, "*Information Assurance Implementation*) prior to issuing the initial statement of work. Evaluations shall consider the extent to which each proposed service accommodates the necessary security controls based upon the assigned impact level or MAC, command encryption/authentication, and other requirements in CNSSP 12 or DODD 8581.1. The Contractor awarded SIN 517410 is capable of meeting at least the minimum-security requirements assigned against a low-impact information system (per FIPS 200) or Mission Assurance Category (MAC) III system (per DoDI8500.2).

c. The Ordering Activity reserves the right to independently evaluate, audit, and verify the IA compliance for any proposed or awarded COMSATCOM services. All IA certification, accreditation, and evaluation activities are the responsibility of the ordering activity.

3. DELIVERY SCHEDULE

The Ordering Activity shall specify the delivery schedule as part of the initial requirement. The Delivery Schedule options are found in *Information for Ordering Activities Applicable to All Special Item Numbers*, paragraph 6. *Delivery Schedule.*

4. PORTABILITY

When an Ordering Activity requires portability, this requirement shall be included as part of the initial requirement. When portability is exercised, evidence of equivalent net present value (NPV)1 shall be provided by the contractor. Ordering Activities may propose additional terms and conditions within the requirement (example: specific predefined, guaranteed terms and conditions for portability and related services). However, if the supplemental terms and conditions contradict the contract, the contract takes precedence. Portability provides the Ordering Activity the ability to relocate or "port," COMSATCOM Services resources as user requirements change. Descriptions of portability may include moving from one transponder/ satellite to another, one managed service area to another, transponded capacity redeployment between beams

or transponders on a single satellite, redeployment from one frequency band to another, physical relocation of a satellite to a new orbital position, re-routing of teleport services from one teleport to another predefined teleport, re-routing of traffic from one terrestrial infrastructure to another redefined infrastructure, and movement of Network Operations Center (NOC) services from one NOC to another NOC.

5. FLEXIBILITY/OPTIMIZATION

When an Ordering Activity requires re-grooming resources for spectral, operational, or price efficiencies, this requirement shall be included as part of the initial requirement. When flexibility/optimization is exercised, evidence of equivalent net present value (NPV)2 shall be provided by the contractor. Ordering Activities may propose additional terms and conditions within the requirement (example: specific pre-defined, guaranteed terms and conditions for re-grooming). However, if the supplemental terms and conditions contradict the contract, the contract takes precedence. Flexibility/optimization/re-grooming allows the Contractor to redistribute resources currently used to provide COMSATCOM Services (example: space segment, network, teleport, terminal resources) or customers sharing the COMSATCOM Services resources (example: customer one with typical peak usage at 9:00 a.m. and customer two with typical peak usage at 3:30 p.m.), enabling the Ordering Activity to gain spectral, operational, and/or price efficiencies.

6. NET READY (INTEROPERABILITY)

When an Ordering Activity requires interoperability, this requirement shall be included as part of the initial requirement. Interfaces may be identified as interoperable on the basis of participation in a sponsored program acceptable to the Ordering Activity. Any such access or interoperability with teleports/gateways and provisioning of enterprise service access will be defined in the individual requirement.

7. NETWORK MONITORING (NET OPS)

The Ordering Activity shall specify the Network Monitoring (Net Ops) collection and delivery requirements (example: format, frequency) as part of the initial statement of work. The Contractor awarded SIN 517410 is capable of collecting and delivering the near real-time monitoring, fault/incident/outage reporting, and information access required to ensure effective and efficient operations, performance, and availability consistent with commercial best practices. Ordering Activities may propose additional terms and conditions within the requirement (example: specific pre-defined terms and conditions for Net Ops collection and delivery.) However, if the supplemental terms and conditions contradict the contract, the contract takes precedence.

8. EMI/RFI IDENTIFICATION, CHARACTERIZATION, AND GEO-LOCATION

When an Ordering Activity requires Electro Magnetic Interference (EMI) / Radio Frequency Interference (RFI) identification, characterization, and geo-location, it shall be included as part of the initial requirement. The Ordering Activity shall establish and use with the Contractor a mutually agreed upon media and voice communications capability capable of protecting

"Sensitive, but Unclassified" data.

9. SECURITY

The Ordering Activity is responsible for assigning the personnel and facility clearance levels for each requirement. If required, the Ordering Activity is responsible for issuing the appropriate security forms (e.g., a DD-254) for any special clearance requirements and indoctrinations, such as Sensitive Compartmented Information (SCI). Ordering Activities shall ensure the Contractor "masks" or "protects" Ordering Activity customers against unauthorized release of identifying information to any entity that could compromise the customer's operations security. Identifying information includes but is not limited to personal user and/or unit information including tail numbers, unit names, unit numbers, individual names, individual contact numbers, street addresses, etc.

10. THIRD PARTY BILLING FOR COMSATCOM SUBSCRIPTION SERVICES

The Ordering Activity shall make every effort to educate the terminal owners or operators on usage of the approved network infrastructure to avoid third party charges.

11. ADDITIONAL TERMS AND CONDITIONS

a. The Ordering Activity is responsible for determining the number of approaches each Contractor may offer in response to a statement of work.

b. If guidance is required, Ordering Activities may contact the GSA Satellite Communications Services Program Management Office, satserv@gsa.gov.

c. For each Subscription Service requirement, the Ordering Activity shall negotiate with the Contractor any required Committed Information Rates (CIR). CIR is the average dedicated bandwidth data transfer rate (example: megabits per second) for an individual COMSATCOM Subscription Services network that the Contractor commits to delivering over a period of time. The Contractor may exceed the CIR if the network has capacity at any time.

12. CONTRACT CLAUSES

a. Ordering activities will be able to view the complete list of IT Schedule 70 contract clauses, including the specific contract terms and conditions for any specific contract holder, at: http://www.gsaelibrary.gsa.gov/ElibMain/contractsOnline.do?scheduleNumber=70

13. DESCRIPTION OF COMSATCOM SERVICES AND PRICING

A. DESCRIPTION OF COMSATCOM TRANSPONDED CAPACITY AND PRICING

AIS Engineering (AIS) offers customers all of the required elements to procure and utilize transponded satellite services from third party (non-AIS) FSS satellites. AIS is experienced in every facet of the satellite industry, including network design, transmission engineering, program management, cost-benefit analysis, and Government contracting. AIS third party satellites typically carry payloads in C- and Ku- frequency bands and service offerings allow customers the flexibility of purchasing AIS third-party C- and Ku- band capacity in a variety of bandwidth increments ranging from less than 4MHz to 36+MHz for durations ranging from 1 month to 5

years. Through an established arrangement with XTAR, AIS also resells X- band capacity. The satellites are military-grade radiation hardened and feature anti-jamming (nulling) antennas to mitigate hostile or non-hostile interference; the satellites also benefit from on-board geo-location to identify and locate any sources of interference. These powerful satellites are capable of high data rates to small and disadvantaged terminals--the type often used as a 'first-in' capability for disaster and rescue operations as well as military missions.

AIS's Transponded Capacity offerings provide the full spectrum of engineering services from the conception of the solution to implementation, acceptance testing, and life-cycle support. Link budget analysis, transmission planning, customer activation support, and ongoing monitor and control are provided as part of AIS's Transponded services. The analysis considers detailed satellite performance data (beam coverage patterns, satellite amplifier non-linearity characteristics, satellite pointing bias, satellite receiver sensitivity, etc.). For solutions requiring multiple sites spread across a significant geographic area, hundreds of link analysis are performed using multi- destinational analysis (MDA) capability, resulting in a map that shows the expected satellite performance of the remote stations within the required coverage area.

For complementary ground segment support, AIS can provide the appropriate third party teleports and terrestrial circuits. During the activation process for any new or reconfigured service, the AIS Engineering Network Operations Center (NOC) in either Melbourne, FL or Silver Spring, MD, provides step by step guidance and assistance (telephonically) in support of customer service activations. After confirming the customer's SSOG line up number, satellite, transponder, and frequency (which have been previously assigned), the NOC will lead the test and activation process for the customer. All activations are documented in a ticketing system.

AIS, ensures that all owned satellites have proper clearances to operate in designated orbital locations and associated landing rights. AIS customers are not responsible for obtaining satellite frequency clearances or landing rights in order to utilize these satellites services. For our Partner Capacity offerings, third party operators provide AIS similar assurances by virtue of our Master Services Agreements.

Not included as part of a satellite capacity (bandwidth) purchase, but available from AIS, are Host Nation Agreements (HNA) for the operation of a satellite earth terminal in a particular country or territory. AIS's HNA service offering provides for all anticipated costs such as terrestrial frequency clearance, host nation spectrum and license fees, legal, engineering, frequency interference / coordination resolution, radiation hazard studies and all related issues necessary for AIS customers to operate in the host nation. Pricing does not include costs related to travel, if required. Leveraging AIS's third party access to teleport and terrestrial services, AIS provides an operationally responsive approach to Transponded delivery requirements.

Portability

With a global access to third party operated satellites, teleports, and a redundant terrestrial infrastructure, AIS offers portability of service between regions. Using a robust Network Management System (NMS), AIS can provide rapid service portability by changing the remote side modem configuration, often without the involvement of the remote user. Portability is subject to availability of AIS global third-party network resources. Prior to Task Order award or a

modification, specific terms and conditions, including pricing in relation to net present value, will be determined.

Flexibility/Optimization

AIS has a unique capability to re-groom resources for spectral, operational or price efficiencies. AIS offers flexibility and optimization as part of the re-grooming process to quickly meet customer requirements. AIS can reallocate or re-locate bandwidth and resources across our third-party resources. AIS, as a provider of best value solutions, is a significant buyer of third-party (non-AIS) capacity. AIS regularly works with satellite operators and resellers of satellite bandwidth to find additional resources, negotiate price efficiencies that can be passed directly to the customer, and find the optimal solution that meets customer requirements. Our design and implementation process for providing customers with optimal solutions for new requirements can involve many of the processes entailed by re-grooming existing services. Therefore, as a first step of the re-grooming process, AIS provides the customer with a solution that best meets the requirement specifications. Through the implementation and/or recommendation of advanced coding, modulation and/or hardware/software upgrades, AIS will then provide analyses of space segment, teleport, and network resource utilization to maximize/increase:

- The number of carriers on proposed/existing allocated bandwidth; and/or
- The number of carriers on proposed/existing terminals, and/or
- Data rates (throughput)

Bandwidth savings or additional throughput capabilities from the optimization are commonly presented to the customer whether or not the customer decides to take advantage of them.

Net Ready/Interoperability

The AIS engineering staff is well versed in the various standards and practices to inter-operate with government and commercial facilities and teleports. AIS is intimately familiar with the various government and commercial interoperability requirements to ensure successful service implementation. AIS also routinely employs the necessary interface and protocol conversion devices to enable nonstandard legacy devices to inter- operate with government and commercial teleports and gateways.

Network Monitoring/NetOps

Tasked with fault management, resolution, performance management, and quality assurance, the AIS Engineering Network Operations Center (NOC) is the 24x7 single point of contact for monitoring all services, ensuring operational integrity. To support this important function, a Monitoring and Control (M&C) link will be installed for each Task Order to provide status of all circuit elements. Information from the monitoring system is captured as near-real time data and will be used to deliver fault, incident, outage, and availability reporting. This information will be made available to U.S. Government authorized users as defined by the Ordering Activity. AIS can provide the fault and performance management reports/data on a requested frequency using secure e-mail, facsimile, electronic interface directly through the use of a Web Portal that provides near-real time end-to-end view of the circuit. The circuit fault and performance

information in the Web Portal is directly derived from the NOC M&C systems. In case of a disaster at the NOC facility in Melbourne, AIS will use the Backup NOC facility in Silver Spring to ensure continued operational support service for the customer.

EMI/RFI/Geo-location

AIS uses the following methods to identify, characterize, and mitigate interference:

***Satellite-Carrier Monitoring*:** Every satellite downlink beam and transponder will be monitored in real-time with our satellite carrier monitoring systems.

***Earth Station Monitoring*:** The teleport antennas and associated Radio Frequency (RF) equipment chain use M&C systems to verify the operation and status of the antenna and all RF and baseband units. Working with earth station staff, the NOC isolates and eliminates any RFI events induced by Operator's station equipment.

***Frequency Planning and Earth Station Databases*:** Most RFI events are resolved through the NOC operators' knowledge and experience recognizing and identifying spurious carriers. Many of these carriers are licensed earth stations operating off-nominal in polarization or pointing. Working with our third-party satellite operators to use their extensive databases, showing all carriers and earth stations on the operating and adjacent satellite within the system, quickly narrows the possible source of interference. The stations are then contacted by the offended satellite carrier and steps taken to correct their operation. Additionally, NOC operators maintain close contacts within the satellite operations community and work closely with adjacent operators to resolve issues which may arise.

***Interference Geo-Location System*:** AIS coordinates with our satellite carriers to use the interference geo-location system which identifies the geographic source of signals interfering with carriers operating in the network. Once satellite transmitters are eliminated as possible sources of interference, we use the interference geo-location capabilities to locate the geographic source. These systems are valuable in locating intentional, mobile, or other unusual interference sources. The satellite carrier geo-location capability allows the NOC to quickly and routinely identify and resolve interference events.

The NOC provides regular updates through the interference resolution process and logs details in the trouble ticketing system in the Web Portal for immediate access to authorized US Government users. If the interference cannot be resolved in a timely manner, the NOC will arrange for the assignment with the carrier for a temporary frequency, based on availability, until such time the interference issue is resolved successfully and the original carrier is fully restored to contractual operational parameters.

Security

AIS has the requisite facility and personnel clearances to the secret level and can increase simply with a sponsor agency DD-254. AIS will make available for incident resolution involving classified matters the President of AIS, Facility Security Officer, Program Manager, and others as necessary. These individuals have the necessary clearances to resolve Transponded service-related issues. In addition, AIS operates a secure operations center (NOC) on a 24/7 basis. The NOC personnel and facility are appropriately cleared as are AIS's CEO and Vice President responsible for satellite operations.

B. DESCRIPTION OF COMSATCOM SUBSCRIPTION SERVICES AND PRICING

AIS offers Subscription Services based on time division multiple access (TDMA) networks based on technology developed by iDirect. AIS has been providing iDirect based services since 2004 and AIS owns six iDirect hubs globally located various satellite operator teleports. AIS iDirect hub infrastructure include CONUS (MD, CA) and Europe (Germany). AIS also offers operations and management for customer owned iDirect hubs co-located at AIS and third-party teleport facilities. *Third Party Billing does not apply to AIS Fixed Satellite Services offerings.*

AIS's Subscription Services offerings are flexible based upon the user requirements and can be structured as shared networks or private networks (the latter as either bandwidth or power limited).

Non-recurring charges associated with AIS's iDirect-based Subscription Services include:

Requirements Assessment (per network; Private networks only). See below for a full description of the activities associated with Requirements Assessment.

Hub set up fee (per Hub; Private networks only). For Private networks, AIS performs all of the required Hub Set-up tasks, to include the physical installation and configuration at the teleport of the iDirect line cards, Protocol Processor(s) and Network Management System as required for the network configuration. Private networks requiring the use of multiple hubs will be charged a Hub set up fee for each Hub utilized.

Remote Site commissioning fee (per remote site - Shared and Private networks). Site commissioning includes all activities required to prepare the remote site modem(s) to join a Private or Shared network, including configuring the iDirect modem with the parameters defined for the specific remote. The Site commissioning fee is charged for each of the customer(s) remote site modems and is in addition to any Hub Set up fee(s). 24 X 7 Help Desk Services through the NOC, located in AIS's Melbourne, FL. The NOC facility and personnel are cleared to the Secret level and is staffed by satellite professionals with in-depth familiarity of the iDirect equipment and technology and are trained to resolve issues regarding the satellite and teleport services, the network's hub equipment, and the remote site equipment. The NOC will provide step-by-step guidance and assistance (telephonically) in support of service activations (initial network commissioning and remote terminal activation). Additionally, the NOC provides life-cycle support for the network and all associated remote sites-- supporting service reconfigurations, terminal relocations, and anomaly investigations. All activations and NOC support activities are documented in a ticketing system.

SUBSCRIPTION SERVICE NETWORKS:

Requirements Assessment

This analytical effort establishes the requirements for a private network based on the assessment of a customer's communications requirements and applications, the region(s) of coverage. No analysis is required for standing shared networks that a customer wishes to join, as equipment requirements and network configuration are fixed. Analyses for private networks will be performed to determine the satellite, teleport, and remote site equipment required to achieve the network requirements. These efforts will include link budget analyses (LBAs) and multi-destination analyses (MDAs) for the teleport and satellite

services required to achieve the desired availability for the sites defined for the network. Security requirements of the network and any required backhaul of the customer's data shall also be addressed. In addition to the LBA and/or MDA outputs, this assessment shall include a functional diagram for the proposed network and a description of the very small aperture terminals (VSATs) required for each of the remote sites of the network. If the remote site equipment has been specified by the customer (e.g., an existing network needs to be migrated), then AIS will consider the performance of this equipment when defining the network.

Shared Subscription Services Networks

This service offering is most suitable for customer sites that require typical Internet based capabilities, such as email, browsing, file downloads, and webcam, though VTC and VoIP capabilities are also possible. This service provides the satellite capacity, teleport uplink/downlink services, and terrestrial connectivity to support operations on a shared network utilizing iDirect hub technology.

The data rate for inbound (to the teleport) service on these networks is typically 1.5 Mbps. Outbound (from the teleport) data rates are 3 Mbps. AIS's shared networks will not be oversubscribed -- meaning the aggregate Committed Information Rate (CIR) for all users on these networks will not exceed the total network capacity. Bursting into unused capacity is permitted with burst rates keyed to the CIR levels of service which are offered. The price of service on each network is unique to that network. This offering is designed for bandwidth limited (satellite efficient) operations. AIS provides guidelines for antenna and transmitter sizes required for operations on these networks. AIS's current Services have been optimized to operate with either a 1.8m Ku-band VSAT with an 8 watt Block Up Converter (BUC) or a 2.4m to 3.8m C-band VSAT with a 5-watt BUC.

Private Subscription Services Networks (Bandwidth or Power Limited)

This service offering is typically preferred by customers who wish to have custom configurations on their network in an enterprise services environment. Terminal size, transmitter power, traffic prioritization, and custom Quality of Service (QoS) are just some of the features and attributes over which a customer can exercise a preference when selecting a Private network service offering. Private Networks can be designed to accommodate existing VSAT equipment or optimized for efficiency with new hardware.

Private Bandwidth Limited C & Ku-band Networks

This service provides the satellite capacity, teleport uplink/downlink services, and terrestrial (IP) connectivity to support the operation of a private network. This service is offered on any AIS arranged satellite, subject to availability. Data rates for these networks range from an aggregated throughput (sum of both directions of service) of 1 Mbps to 20 Mbps. iDirect hub equipment is available at all AIS provided teleport arrangements. Pricing is valid for either C or Ku-band service and is valid for networks on a global basis. This offering is designed for bandwidth limited (satellite efficient) operations. AIS will either: 1) determine the VSAT equipment (antenna size and transmitter power) required to support a customer's desired service throughputs

on a particular satellite and teleport for specific remote site locations or operating area, or 2) customer-defined VSAT (antenna and transmitter power) for all remote site locations or operating area.

Private Power Limited C & Ku-Band Networks

This service provides the satellite capacity, teleport uplink/downlink services, and terrestrial (IP) connectivity to support the operation of a private network. This service is offered on any AIS leased satellite segment, subject to availability. iDirect hub equipment is available at all AIS arranged teleports. Pricing is valid for either C or Ku-band service based on networks ranging in size from 2 to 72 MHz. This offering is designed for power limited (satellite inefficient) operations. These inefficiencies may be the result of using very small dish or array antennas as the remote site equipment for these networks. These antennas would be associated with communications-on-the-move (COTM) operations or small man-pack terminals. AIS will either: 1) analyze user requirements to determine the equipment ensemble (antenna size and transmitter power) required to support a customer's desired service on a particular satellite and teleport for specific remote site locations or operating area, or 2) determine the data rates which can be supported by a particular satellite and teleport for a customer's pre- existing or pre-defined equipment ensemble (antennas and transmitter power) for specific remote site locations or operating area. Since date rates/throughputs of these networks are dictated by the performance of the remote site terminals and these terminals may require the use of frequency spreading techniques in order to meet FCC or ITU communications guidelines, the Power Limited Networks are priced based on the bandwidth (MHz/month) required to support the data rates specified by the customer. (Note: The same Power Limited network may support different data rates based on the remote site equipment used by the customer or the area of coverage specified for the service.)

Network Engineering

iDirect's Network Management System (NMS) was designed and developed to provide comprehensive network configuration, monitoring, diagnosis, and analysis capabilities. The NMS is a complete GUI based system that provides an easy to use and intuitive interface for operations and management personnel. It is designed to provide multiple levels of data validation, multicast downloads/upgrades, multi-user capability, visual diagnosis capability, graphical display of information, and data analysis capabilities. iDirect NMS has received numerous accolades from our Network Operator partners for its feature richness and ease-of-
use. To assure adequate bandwidth for real time applications such as voice and video, NMS software offers the following configuration and control techniques:

- Application QoS

Quality of Service is built into the system enabling real-time identification, classification, and prioritization of data traffic. iDirect's system recognizes different traffic types and assigns VoIP packets the highest priority within the data transport stream minimizing the impact of data traffic on the voice packets.

- Segmentation and Reassembly (SAR)

SAR divides packets of varying sizes into equal sized cells allowing for more effective QoS

prioritization handling. With the implementation of iDirect's SAR feature, all packets will be broken into equal sized cells capable of being groomed to equal the bandwidth of one timeslot. This ensures that at any instance, a voice packet will not have to wait for more than one timeslot to be transmitted will not have to wait for more than one timeslot to be transmitted.

- Committed Information Rate (CIR)

QoS at a remote terminal ensures that higher priority traffic is transmitted first, but it does not guarantee that there is sufficient bandwidth at the network level (shared level) to carry the VoIP traffic. In a congested network state (peak hour traffic), if all bandwidth is being dynamically allocated, the fairness algorithm will distribute the bandwidth to all network sites evenly, regardless of traffic volume.

- Dynamic CIR

A Network Operator can efficiently groom the in route, enabling CIR to be dynamically controlled.

- Application Triggered CIR

For applications that is that require a CIR, the iDS software will assign the remote network terminal its CIR only when voice traffic is present.

- Feathering Timeslot Allocation timeslots across a frame.
- Network Quality of Service

When enabled, the iDS measures the type of traffic that is creating demand at all remote terminals and allocates bandwidth appropriately in an "on-demand" mode to each remote.

- Compressed RTP (cRTP)

The iDirect system has built a "header compression" feature into the RTTM feature set reducing the overall bandwidth required to support a VoIP call. iDirect's addition of cRTP reduces the bandwidth requirements down to about 12 Kbps per voice call achieving a 50% savings in bandwidth.

The NMS also provides all essential monitor and control operations for a network from AIS's centrally located network operations center, the NOC. All features of a network are available from one console. It is completely GUI based and allows for easy configuration, problem identification, problem isolation and problem remedy.

The iDirect NMS designed to be modular, consists of the iDirect NMS Server, iDirect NMS Clients including iBuilder, iMonitor and iSite. The iBuilder product provides all configuration and control capabilities, including the ability to send software and firmware updates over-the-air to remote locations. This product provides graphical views of network layout and allows all system parameters to be viewed and configured from an intuitive, easy to use graphical user interface (GUI).

The iMonitor product provides extensive tools for passive monitoring and active investigation of network behavior. The warnings and alarms provide asynchronous visual and audio notification of system anomalies and ties directly into advanced graphical tools for querying and displaying network statistics. All network data, including warnings, alarms, events, and statistics, is available in either real-time or from the historical archive. Both iBuilder and iMonitor allow for remote, on-call access. All that's required is IP connectivity to the back-end NMS servers. The data rates required for even the most advanced displays are fairly low, allowing very useable access over slow dialup lines.

The iDirect NMS allows networks to be partitioned for any configuration which lines up with to

an organization's concept of operations. By dividing the networks across multiple instances of the NMS, network managers can consider geographic areas, satellite transponders, or groups of remote sites separately (as appropriate). The NMS provides individual user login capability along with privilege levels. By specifying which customers have access to which groups of sites, a network manager can distribute monitoring and control functions across the operations staff as appropriate.

Information Assurance

Information assurance is extremely important to AIS and is built into every aspect of our operation's networks. AIS currently meets all Information Assurance requirements as defined by the Information Assurance Checklist for future Subscription Services task orders. In the past, AIS has submitted IA compliance checklists for various task orders, including DoDI 8500.2 (MAC I, II and III) and NIST 800-53. AIS has a team of employees dedicated to overseeing the IA compliance responsibilities of our operation's networks.

Delivery Schedule/Responsiveness

Leveraging AIS's global iDirect hub infrastructure, AIS provides an operationally responsive approach to Subscription Services delivery requirements. AIS can rapidly respond to requirements both by leveraging standing networks and by quickly expanding operational capabilities to meet emerging requirements. All new Subscription Service requirements which can be met by existing AIS iDirect infrastructure can be delivered within the defined 15 day standard delivery. In cases where AIS can leverage standing Shared Services networks, it will be possible to provide services in the accelerated or time-critical delivery timeframes.

Portability

With a global iDirect hub and supporting terrestrial and space infrastructure, AIS can offer portability of service between regions. Using a robust Network Management System (NMS) and proprietary iDirect tools, AIS provides rapid service portability by changing the hub and remote side modem configuration. Portability is subject to availability of AIS leased global network resources. Prior to Task Order or service award or a modification, specific terms and conditions, including pricing in relation to net present value, will be determined.

Flexibility/Optimization

AIS has a unique capability to re-groom resources for spectral, operational or price efficiencies. As owners and operators of leased satellite segment and extensive iDirect hub infrastructure, AIS offers flexibility and optimization to quickly meet customer requirements. AIS, as a provider of best value solutions, is a significant buyer of third-party (non-AIS) capacity. As needed, AIS couples third party space segment with our iDirect infrastructure to meet customer requirements.

Net Ready/Interoperability

The AIS engineering staff is well versed in the various standards and practices to interoperate with government and commercial teleports. With the migration towards the all IP solution (EoIP), AIS has expertise in interfacing IP transport infrastructure with legacy TDM equipment and serial

bit stream devices with clear and encrypted data. AIS only use standard interfaces to ensure interoperability. AIS also routinely employs the necessary interface and protocol conversion devices to enable nonstandard legacy devices to inter-operate with government and commercial teleports and gateways.

Network Monitoring/NetOps

Tasked with fault management, resolution, performance management, and quality as-assurance, the AIS Engineering Network Operation Center (NOC) is the 24x7 single point of contact for monitoring all Subscription Services, ensuring operational integrity. To support this important function, iDirect's proprietary iMonitor suite is employed as an overlay onto AIS's extensive Monitoring and Control (M&C) network. Information from the monitoring system is captured as near-real time data and will be used to deliver fault, incident, outage, and availability reporting. This information will be made available to US Government authorized users as defined in the TO award. AIS can provide the fault and performance management reports/data on a requested frequency using secure e-mail, facsimile, or directly through the use of a Web Portal that provides near real time end-to-end view of the circuit. The circuit fault and performance information in the Web Portal is directly derived from the NOC M&C systems. In case of a disaster at the NOC facility in Melbourne, AIS will use the Backup NOC facility in Silver Spring to ensure continued operational support service for the customer.

The network monitoring and control functions available through the iDirect NMS include:

- Configuration management
- Fault management
- Performance management
- Account management
- Satellite Carrier Management
- Traffic management
- Security management
- Statistics and report generation management
- Remote authentication and management
- SNMP Support

EMI/RFI/Geo-location

AIS uses the following methods to identify, characterize, and mitigate interference:

Satellite-Carrier Monitoring. Every satellite downlink beam and transponder will be monitored in real-time with our satellite carrier monitoring systems.

Earth Station Monitoring

The teleport antennas and associated Radio Frequency (RF) equipment chain use M&C systems to verify the operation and status of the antenna and all RF and baseband units. Working with earth station staff, the NOC isolates and eliminates any RFI events induced by Operator's station equipment.

Frequency Planning and Earth Station Databases

Most RFI events are resolved through the NOC operators' knowledge and experience recognizing and identifying spurious carriers. Many of these carriers are licensed earth stations operating off-nominal in polarization or pointing. Working with our third-party satellite operators to use their extensive databases, showing all carriers and earth stations on the operating and adjacent satellite within the system, quickly narrows the possible source of interference. The stations are then contacted by the offended satellite carrier and steps taken to correct their operation. Additionally, NOC operators maintain close contacts within the satellite operations community and work closely with adjacent operators to resolve issues which may arise.

***Interference Geo-Location System*:** AIS coordinates with our satellite carriers to use the interference geo-location system which identifies the geographic source of signals interfering with carriers operating in the network. Once satellite transmitters are eliminated as possible sources of interference, we use the interference geo-location capabilities to locate the geographic source. These systems are valuable in locating intentional, mobile, or other unusual interference sources. The satellite carrier geo-location capability allows the NOC to quickly and routinely identify and resolve interference events.

The NOC provides regular updates through the interference resolution process and logs details in the trouble ticketing system in the Web Portal for immediate access to authorized US Government users. If the interference cannot be resolved in a timely manner, the NOC will arrange for the assignment with the carrier for a temporary frequency, based on availability, until such time the interference issue is resolved successfully and the original carrier is fully restored to contractual operational parameters.

Security: AIS has the requisite facility and personnel clearances to the secret level and can increase simply with a sponsor agency DD-254.

AIS will make available for incident resolution involving classified matters the President of AIS, Facility Security Officer, Program Manager, and others as necessary. These individuals have the necessary clearances to resolve Transponded service-related issues. In addition, AIS operates a secure operations center (NOC) on a 24/7 basis. The NOC personnel and facility are appropriately cleared as are AIS's CEO and Vice President responsible for satellite operations.

- ***Satellite-Carrier Monitoring:*** Every satellite downlink beam and transponder will be monitored in real-time with our satellite carrier monitoring systems.
- ***Earth Station Monitoring:*** The teleport antennas and associated Radio Frequency (RF) equipment chain use M&C systems to verify the operation and status of the antenna and all RF and baseband units. Working with earth station staff, the NOC isolates and eliminates any RFI events induced by station equipment.
- ***Frequency Planning and Earth Station Databases:*** Most RFI events are resolved through the NOC operators' knowledge and experience recognizing and identifying spurious carriers. Many of these carriers are licensed, non-AIS earth stations operating off-nominal in polarization or pointing. Our extensive databases, showing all carriers and earth stations on the operating and adjacent satellite within our system, quickly narrow the possible source of interference. These stations are then contacted and steps taken to correct their operation.

Additionally, NOC operators maintain close contacts within the satellite operations community and work closely with adjacent operators to resolve issues crossing corporate boundaries.

- ***Interference Geo-Location System:*** The interference geo-location system identifies the geographic source of signals interfering with carriers operating in the system. Once transmitters are eliminated as possible sources of interference, we use our interference geo-location capabilities to locate the geographic source. These systems are valuable in locating intentional, mobile, or other unusual interference sources. The geo-location capability allows the NOC to quickly and routinely identify and resolve interference events.

If the interference cannot be resolved in a timely manner, the NOC will assign the carrier to a temporary frequency, based on availability, until such time the interference is-sue is resolved successfully and the original carrier is fully restored to contractual operational parameters.

AIS Engineering, Inc. GSA Pricelist

MFR	PRODUCT#	PRODUCT NAME AND DESCRIPTION	GSA PRICE
O3b Networks	AIS-O3B-2TERM12M- 20W-V-ST	1.2 Meter / 20W / ViaSat / Dual Antenna Shipboard Terminal-2 x 1.2 Meter Maritime Antenna System with Central Control Unit and Dual System Selector, 2 x Above Deck F/O Converter, 2 x Below Deck F/O Converter and 2 x 500 Meter Fiber Cable Runs. Includes the following sub-components: 2 x High Band 20W Block Up Converter (BUC) and Power Supply Units, 2 x High Band Ka-Band LNB and Mounting Hardware, 1 x ViaSat High Speed O3b Modem, 1 x Site Interface Router and 1 x Connector and Assembly Kit. Completely integrated, tested, packaged, and prepared for shipment.	$262,940.05
O3b Networks	AIS-O3B-3TERM12M- 20W-V-ST	1.2 Meter / 20W / ViaSat / Triple Antenna Shipboard Terminal-3 x 1.2 Meter Maritime Antenna System with Central Control Unit and Dual System Selector, 3 x Above Deck F/O Converter, 3 x Below Deck F/O Converter, and 3 x 500 Meter Fiber Cable Runs. Includes the following sub-components: 3 x High Band 20W Block Up Converter (BUC) and Power Supply Units, 3 x High Band Ka-Band LNB and Mounting Hardware, 1 x ViaSat High Speed O3b Modem, 1 x Site Interface Router and 1 x Connector and Assembly Kit. Completely integrated, tested, packaged, and prepared for shipment.	$372,734.72
O3b Networks	AIS-O3B-2TERM18M- 40W-V-GT	1.8 Meter / 40 Watt / ViaSat Modem / Dual Antenna Ground Terminal-2 x 1.8 Meter Antenna Subsystem with Indoor ACU, Antenna/ACU AC Power Supply; Outdoor PDU Antenna Mount, 2 x Ka-Band CP Feed RH/LH, 2 x Single Piece SMC Reflector, and 2 x Modified Pole Mount with Two Axis Motorization. Includes the following sub-components: 2 x High Band 40W Block Up Converter (BUC) and Power Supply Units, 1 x BUC Mounting Kit, 2 x High Band Ka-Band LNB, 1 x ViaSat High Speed O3b Modem, 1 x Site Interface Router, and 1 x Connector and Assembly Kit. Completely integrated, tested, packaged, and prepared for shipment.	$115,230.30
O3b Networks	AIS-O3B-2TERM18M- 40W-C- GT	1.8 Meter / 40 Watt / Comtech Modem / Dual Antenna Ground Terminal-2 x 1.8 Meter Antenna Subsystem with Indoor ACU, Antenna/ACU AC Power Supply; Outdoor PDU Antenna Mount, 2 x Ka-Band CP Feed RH/LH, 2 x Single Piece SMC Reflector, and 2 x Modified Pole Mount with Two Axis Motorization. Includes the following sub-components: 2 x High Band 40W Block Up Converter (BUC) and Power Supply Units, 1 x BUC Mounting Kit, 2 x High Band Ka-Band LNB, 2 x Comtech High Speed O3b Modem, 1 x Site Interface Router, and 1 x Connector and Assembly Kit. Completely integrated, tested, packaged, and prepared for shipment.	$123,559.46
O3b Networks	AIS-O3B-2TERM22M- 20W-V-ST	2.2 Meter / 20W / ViaSat / Dual Antenna Shipboard Terminal-2 x 2.2 Meter Maritime Antenna System with Central Control Unit and Dual System Selector, 2 x Above Deck F/O Converter, 2 x Below Deck F/O Converter, and 2 x 500 Meter Fiber Cable Runs. Includes the following sub-components: 2 x High Band 20W Block Up Converter (BUC) and Power Supply Units, 2 x High Band Ka-Band LNB and Mounting Hardware, 1 x ViaSat High Speed O3b Modem, 1 x Site Interface Router and 1 x Connector and Assembly Kit. Completely integrated, tested, packaged, and prepared for shipment.	$452,164.05
O3b Networks	AIS-O3B-3TERM22M- 20W-V-ST	2.2 Meter / 20W / ViaSat / Triple Antenna Shipboard Terminal-3 x 2.2 Meter Maritime Antenna System with Central Control Unit and Dual System Selector, 3 x Above Deck F/O Converter, 3 x Below Deck F/O Converter, and 3 x 500 Meter Fiber Cable Runs. Includes the following sub-components: 3 x High Band 20W Block Up Converter (BUC) and Power Supply Units, 3 x High Band Ka-Band LNB and Mounting Hardware, 1 x ViaSat High Speed O3b Modem, 1 x Site Interface Router and 1 x Connector and Assembly Kit. Completely integrated, tested, packaged, and prepared for shipment.	$657,749.64
O3b Networks	AIS-O3B-TERM24M- 40W-V- GT	2.4 Meter / 40 Watt / ViaSat Modem / Dual Antenna Ground Terminal-2 x 2.4 Meter Antenna Subsystem with Indoor ACU, Antenna/ACU AC Power Supply; Outdoor PDU Antenna Mount, 2 x Ka-Band CP Feed RH/LH, 2 x Single Piece SMC Reflector, and 2 x Modified Pole Mount with Two Axis Motorization. Includes the following sub-components: 2 x High Band 40W Block Up Converter (BUC) and Power Supply Units, 1 x BUC Mounting Kit, 2 x High Band Ka-Band LNB, 1 x ViaSat High Speed O3b Modem, 1 x Site Interface Router, and 1 x Connector and Assembly Kit. Completely integrated, tested, packaged, and prepared for shipment.	$121,991.88

MFR	PRODUCT#	PRODUCT NAME AND DESCRIPTION	GSA PRICE
O3b Networks	AIS-O3B- TERM24M-40W-C- GT	2.4 Meter / 40 Watt / Comtech Modem / Dual Antenna Ground Terminal 2 x 2.4 Meter Antenna Subsystem with Indoor ACU, Antenna/ACU AC Power Supply; Outdoor PDU Antenna Mount, 2 x Ka-Band CP Feed RH/LH, 2 x Single Piece SMC Reflector, and 2 x Modified Pole Mount with Two Axis Motorization. Includes the following sub-components: 2 x High Band 40W Block Up Converter (BUC) and Power Supply Units, 1 x BUC Mounting Kit, 2 x High Band Ka-Band LNB, 2 x Comtech High Speed O3b Modem, 1 x Site Interface Router, and 1 x Connector and Assembly Kit. Completely integrated, tested, packaged, and prepared for shipment.	$130,397.35
O3b Networks	AIS-O3B- TERM45M-500W- V-GT	4.5 Meter / 500 Watt / ViaSat Modem / Dual Antenna Ground Terminal-2 x 4.5m Az/El antenna with Program Track with Step Track Assist. Includes the following sub-components: 2 x 500W HPA Assembly, 1x ViaSat High Speed O3b Modem, 1 x Site Interface Router, and Connector and Assembly Kit. Completely integrated, tested, packaged, and prepared for shipment.	$889,021.90
O3b Networks	AIS-O3B- 2TERM12M-20W- V-ONSITE-SPARESKIT	1.2 Meter On-site Shipboard Terminal Spares Kit for 1.2M / 20 Watt / ViaSat Modem / Dual Maritime Antenna System. Tested, packaged, and prepared for shipment.	$72,589.96
O3b Networks	AIS-O3B- 3TERM12M-20W- V-ONSITE-SPARESKIT	1.2 Meter On-site Shipboard Terminal Spares Kit for 1.2M / 20 Watt / ViaSat Modem / Triple Antenna System. Tested, packaged, and prepared for shipment.	$75,975.19
O3b Networks	AIS-O3B- TERM18M-40W-V- ONSITE-SPARESKIT	1.8 Meter On-site Ground Terminal Spares Kit for 1.8M / 40 Watt / ViaSat Modem Dual Antenna Ground Terminal System. Tested, packaged, and prepared for shipment.	$84,913.62
O3b Networks	AIS-O3B- 2TERM18M-40W-C- ONSITE-SPARESKIT	1.8 Meter On-site Ground Terminal Spares Kit for 1.8M / 40 Watt / Comtech / Dual Antenna Ground Terminal System. Tested, packaged, and prepared for shipment.	68,283.63
O3b Networks	AIS-O3B- 2TERM22M-20W- V-ONSITE-SPARESKIT	2.2 Meter On-site Shipboard Terminal Spares Kit for 2.2M / 20 Watt / ViaSat Modem/ Dual Maritime Antenna System. Tested, packaged, and prepared for shipment.	$75,975.19
O3b Networks	AIS-O3B- TERM24M-40W-V- ONSITE-SPARESKIT	2.4 Meter On-site Ground Terminal Spares Kit for 2.4M / 40 Watt / ViaSat / Dual Antenna Ground Terminal System. Tested, packaged, and prepared for shipment.	$76,580.87
O3b Networks	AIS-O3B- TERM24M-40W-C- ONSITE-SPARESKIT	2.4 Meter On-site Ground Terminal Spares Kit for 2.4M / 40 Watt / Comtech / Dual Antenna Ground Terminal System. Tested, packaged, and prepared for shipment.	$68,283.63
O3b Networks	AIS-O3B- TERM45M-500W- V-ONSITE-SPARESKIT	4.5 Meter On-site Ground Terminal Spares Kit for 4.5M / 500 Watt / ViaSat / Dual Antenna Ground Terminal System. Tested, packaged, and prepared for shipment.	$325,677.18
O3b Networks	AIS-O3B- TERMINAL-V- SPARE	ViaSat O3b High Speed Modem, 1 Modulator, 2 Demodulators	$32,914.88
O3b Networks	AIS-O3B- TERMINAL-C- SPARE	Comtech O3b High Speed Modem, 1 Modulator, 1 Demodulator	$45,773.30
O3b Networks	AIS-O3B- TERMINAL-20W- SPARE	O3b Ka-Band 20 Watt Block Up Converter with Power Supply	$22,875.57
O3b Networks	AIS-O3B- TERMINAL-40W- SPARE	O3b Ka-Band 40 Watt Block Up Converter with Power Supply	$50,150.28
O3b Networks	AIS-O3B- TERMINAL-500W- SPARE	O3b 500 Watt HPA	$155,127.14
O3b Networks	AIS-O3B- TERMINAL-LNB- SPARE	O3b Ka-Band LNB	$440.67
O3b Networks	AIS-O3B- TERMINAL-ROUTER-SPARE	O3b Site Router	$1,396.48
iDirect	HB5IF-e3-5IFG	5-IF Hub System with Chassis EVOLUTION w/ 3 eM1D1 Hub Line Cards and 5 Licensed IF groups: 11U Hub Chassis, 20 Slot Chassis Assembly with Redundant AC Power Supply, 5Tx,	$427,177.27

MFR	PRODUCT#	PRODUCT NAME AND DESCRIPTION	GSA PRICE
		5Rx Ports, iDirect High Capacity NMS Server-Dual Processor, Software (loaded), iDirect High Capacity Protocol Processor System-Dual Processor, Software (loaded), iDirect Graphical User Interface (GUI) Client Software (Including: iBuilder and iMonitor), 2 Reference Clock Modules, KVM 8-Port Switch. Hub LAN Switch: 48 Port Gigabit Ethernet LAN Switch Hub Broadband Router: (2) Hub Broadband Router Universal Line Card - Inbound/Outbound (eM1D1), (3), All Line Cards include 2 IF Cables and 1 LAN Patch Cable, iDS/iDX Network Software, 3 Years 24x7 Hour Hardware Support on all bundled servers, Network Software (iDX 2.0 or above). , Hub Lan Switch - Spare 12ft KVM Cables - Spare Please be sure to identify Power Cord selection. Must purchase HB5-IMPLE (5 IF implementation package) (includes 15 months of iSupport from date of delivery).	
iDirect	HB5IF-e3-5IFG-iSupport	HB5IF-e3-5IFG HUB ANNUAL ENHANCED iSUPPORT MAINTENANCE (BASIC CONFIG WITHOUT ADDITIONAL EQUIPMENT) Only offered with Hub purchase through AIS.	$57,754.37
iDirect	HB5IF-x3-5IFG	5-IF Hub System with Chassis EVOLUTION w/ 3 XLC-11 Hub Line Cards and 5 Licensed IF Groups: 11U Hub Chassis, 20 Slot Chassis Assembly with Redundant AC Power Supply, 5Tx, 5Rx Ports, iDirect High Capacity NMS Server-Dual Processor, Software (loaded), iDirect Hight Capacity Protocol Processor System-Dual Processor, Software (loaded), iDirect Graphical User Interface (GUI) Client Software (Including: iBuilder and iMonitor), 2 Reference Clock Modules, KVM 8-Port Switch. Hub LAN Switch: 48 Port Gigabit Ethernet LAN Switch Hub Broadband Router: (2) Hub Broadband Router Universal Line Card - Inbound/Outbound (XLC-11), (3), All Line Cards include 2 IF Cables and 1 LAN Patch Cable, iDS/iDX Network Software, 3 Years 24x7 Hour Hardware Support on all bundled servers, Network Software (iDX 2.0 or above). , Hub Lan Switch - Spare 12ft KVM Cables - Spare Please be sure to identify Power Cord selection. Must purchase HB5-IMPLE (5 IF implementation package) (includes 15 months of iSupport from date of delivery).	$394,845.58
iDirect	HB5IF-x3-5IFG-iSupport	HB5IF-x3-5IFG HUB ANNUAL ENHANCED iSUPPORT MAINTENANCE (BASIC CONFIG WITHOUT ADDITIONAL EQUIPMENT) Only offered with Hub purchase through AIS.	$53,383.12
iDirect	HB5IF-x2-5IFG	5-IF Hub System with Chassis EVOLUTION w/ 2 XLC-11 Hub Line Cards and 5 Licensed IF Groups 11U Hub Chassis, 20 Slot Chassis Assembly with Redundant AC Power Supply, 5Tx, 5Rx Ports, iDirect High Capacity NMS Server-Dual Processor, Software (loaded), iDirect High Capacity Protocol Processor System-Dual Processor, Software (loaded), iDirect Graphical User Interface (GUI) Client Software (Including: iBuilder and iMonitor), 2 Reference Clock Modules, KVM 8-Port Switch. Hub LAN Switch: 48 Port Gigabit Ethernet LAN Switch Hub Broadband Router: (2) Hub Broadband Router Universal Line Card - Inbound/Outbound (XLC-11), (2), All Line Cards include 2 IF Cables and 1 LAN Patch Cable, iDS/iDX Network Software, 3 Years 24x7 Hour Hardware Support on all bundled servers, Network Software (iDX 2.0 or above). , Hub Lan Switch - Spare 12ft KVM Cables - Spare Please be sure to identify Power Cord selection. Must purchase HB5-IMPLE (5 IF implementation package) (includes 15 months of iSupport from date of delivery).	$372,679.34
iDirect	HB5IF-x2-5IFG-iSupport	HB5IF-x2-5IFG HUB ANNUAL ENHANCED iSUPPORT MAINTENANCE (BASIC CONFIG WITHOUT ADDITIONAL EQUIPMENT) Only offered with Hub purchase through AIS.	$50,386.25
iDirect	HB5IF-e3-1IFG-PAYG	5-IF Hub System with Chassis EVOLUTION "PAY AS YOU GROW" w/ 3 eM1D1 Hub Line Cards and 1 Licensed IF Group: 1U Hub Chassis, 20 Slot Chassis Assembly with Redundant AC Power Supply, 5Tx, 5Rx Ports, iDirect High Capacity NMS Server-Dual Processor, Software (loaded), iDirect Hight Capacity Protocol Processor System-Dual Processor, Software (loaded), iDirect Graphical User Interface (GUI) Client Software (Including: iBuilder and iMonitor), 2 Reference Clock Modules, KVM 8-Port Switch. Hub LAN Switch: 48 Port Gigabit Ethernet LAN Switch Hub Broadband Router: (2) Hub Broadband Router Universal Line Card - Inbound/Outbound (eM1D1), (3) , All Line Cards include 2 IF Cables and 1 LAN Patch Cable, iDS/iDX Network Software, 3 Years 24x7 Hour Hardware Support on all bundled servers, Network Software (iDX 2.0 or above). , Hub Lan Switch - Spare 12ft KVM Cables - Spare Please be sure to identify Power Cord selection. Must purchase HB5-IMPLE (5 IF implementation package) (includes 15 months of iSupport from date of delivery).	$212,317.18

MFR	PRODUCT#	PRODUCT NAME AND DESCRIPTION	GSA PRICE
iDirect	HB5IF-e3-1IFG-PAYG-iSupport	HB5IF-e3-1IFG-PAYG HUB ANNUAL ENHANCED iSUPPORT MAINTENANCE (BASIC CONFIG WITHOUT ADDITIONAL EQUIPMENT) Only offered with Hub purchase through AIS.	$27,601.23
iDirect	HB5IF-x3-1IFG-PAYG	5-IF Hub System with Chassis EVOLUTION "PAY AS YOU GROW" w/ 3 XLC-11 Hub Line Cards and 1 Licensed IF Group: 11U Hub Chassis, 20 Slot Chassis Assembly with Redundant AC Power Supply, 5Tx, 5Rx Ports, iDirect High Capacity NMS Server-Dual Processor, Software (loaded), iDirect High Capacity Protocol Processor System-Dual Processor, Software (loaded), iDirect Graphical User Interface (GUI) Client Software (Including: iBuilder and iMonitor), 2 Reference Clock Modules, KVM 8-Port Switch. Hub LAN Switch: 48 Port Gigabit Ethernet LAN Switch Hub Broadband Router: (2) Hub Broadband Router Universal Line Card - Inbound/Outbound (XLC-11), (3) , All Line Cards include 2 IF Cables and 1 LAN Patch Cable, iDS/iDX Network Software, 3 Years 24x7 Hour Hardware Support on all bundled servers, Network Software (iDX 2.0 or above). , Hub Lan Switch - Spare 12ft KVM Cables - Spare Please be sure to identify Power Cord selection. Must purchase HB5-IMPLE (5 IF implementation package) (includes 15 months of iSupport from date of delivery).	$198,254.91
iDirect	HB5IF-x3-1IFG-PAYG-iSupport	HB5IF-x3-1IFG-PAYG HUB ANNUAL ENHANCED iSUPPORT MAINTENANCE (BASIC CONFIG WITHOUT ADDITIONAL EQUIPMENT) Only offered with Hub purchase through AIS.	$25,773.14
iDirect	PAYG-ADDTL-1IFG	ADD 1 ADDITIONAL TIMING GROUP (Each Additional IF group) to "PAY AS YOU GROW" Hub. Additional SINGLE TIME GROUP HUB (PAY AS YOU GROW HUB (PAYG)).	$80,685.14
iDirect	PAYG-ADDTL-1IFG-iSupport	PAYG-ADDTL-1IFG ENHANCED iSupport and License for additional Timing Group Only offered with Hub purchase through AIS.	$10,489.07
iDirect	HUB-4SLOT- 4IFIND-e2- EVOLUTION	4SLOT 4IF INDUSTRIAL 12202 EVOLUTION HUB Chassis, 4 Slot 4IF Module, w/2xeM1D1-IND Hub Line Cards: 2xNMS Rugged Servers, 2xPP Rugged Servers, 1xManagement Control Module, 2xFans (plus 1x FSM), 2xPower Supply Modules, 2xRCMs (Daisy Chain capable), iDS/iDX Software Must purchase HB4- IMPLE (4 SLOT implementation package) (includes 15 months of iSupport from date of delivery).	$297,140.77
iDirect	HUB-4SLOT- 4IFIND-e2- EVOLUTION-iSupport	HUB-4SLOT-4IFIND-e2-EVOLUTION 4SLOT 4IF IND HUB ANNUAL iSUPPORT MAINTENANCE (BASIC CONFIG WITHOUT ADDITIONAL EQUIPMENT) Only offered with Hub purchase through AIS.	$38,628.30
iDirect	HB5IF-e3-5IFG TRANSEC	15152 5IF Hub with 3 eM1D1 Line Cards - 20 Slot Chassis Assembly with 220 VAC and Redundant 1500W Power Supply - 11u, 5Tx, 5Rx Ports, iDirect NMS High Capacity Server - dual processor (2), iDirect NMS Server Software (loaded) (2), iDirect Protocol Processor High Capacity Server - dual processor (2), iDirect Protocol Processor System Software (loaded) (2), iDirect Graphical User Interface (GUI) Client Software (Including: iBuilder and iMonitor), Reference Clock Modules (2), KVM 8- Port Switch, 48 Port Gigabit Ethernet LAN Switch (2), Outbound/iNFINITI Inbound; includes 3 eM1D1, 3 Years 24x7 Hour Hardware Support on all bundled servers, All NMS and PP Servers include one 12' KVM Cable. Please be sure to identify Power Cord selection. REQUIRES IDX 2.0 OR GREATER. Includes 3 DVB-S2 TRANSEC licenses for eM1D1 Line Cards and 2 DVB-S2 TRANSEC licenses for Protocol Processors.	$516,731.57
iDirect	HB5-IMPLE	5IF Hub Implementation Package Implementation Package (price is inclusive of travel and per diem expenses, but iDirect reserves the right to charge additional accrued expenses if warranted):Hub Engineering Design, Initial Network Configuration Services, Server Configuration Services, Baseband Hub Installation, Network Management System Familiarization	$25,934.51
iDirect	HB4-IMPLE	Implementation Services Package for Model 4 Slot 1 or 4 IF Implementation Package (price is inclusive of travel and per diem expenses, but iDirect reserves the right to charge additional accrued expenses if warranted):Hub Engineering Design, Initial Network Configuration Services, Server Configuration Services, Baseband Hub Installation, Network Management System Familiarization	$25,934.51
iDirect	eM1D1	eM1D1 Line Card (FIPS, TRANSEC, COTM Capable)	$46,101.18
iDirect	eM1D1-iSupport	eM1D1 Line Card (FIPS, TRANSEC, COTM Capable) iSupport ANNUAL ENHANCED iSUPPORT MAINTENANCE (iDIRECT TAC, SOFTWARE and LICENSE).	$6,129.36
iDirect	XLC-11	XLC-11	$40,342.57

MFR	PRODUCT#	PRODUCT NAME AND DESCRIPTION	GSA PRICE
iDirect	XLC-11-iSupport	XLC-11 Line Card iSupport ANNUAL ENHANCED iSUPPORT MAINTENANCE (iDIRECT TAC, SOFTWARE and LICENSE).	$5,363.73
iDirect	XLC-M	XLC-M	$19,221.76
iDirect	XLC-M-iSupport	XLC-M Line Card iSupport ANNUAL ENHANCED iSUPPORT MAINTENANCE (iDIRECT TAC, SOFTWARE and LICENSE).	$2,681.86
iDirect	M1D1	M1D1 Line Card	$27,202.42
iDirect	M1D1-iSupport	M1D1 Line Card iSupport ANNUAL ENHANCED iSUPPORT MAINTENANCE (iDIRECT TAC, SOFTWARE and LICENSE).	$3,616.69
iDirect	9131-0102-1102	M0D1 Line Card	$17,289.67
iDirect	M0D1-iSupport	M0D1 Line Card iSupport ANNUAL ENHANCED iSUPPORT MAINTENANCE (iDIRECT TAC, SOFTWARE and LICENSE).	$2,298.74
iDirect	K0000034-	iDirect High Capacity Dual Protocol Processor Server	$9,221.16
iDirect	PP-iSupport	PP iSupport ANNUAL ENHANCED iSUPPORT MAINTENANCE (iDIRECT TAC, SOFTWARE and LICENSE).	$1,225.99
iDirect	K0000006-0002	iDirect High Capacity Dual Processor NMS Server	$9,221.16
iDirect	NMS-iSupport	NMS iSupport ANNUAL ENHANCED iSUPPORT MAINTENANCE (iDIRECT TAC, SOFTWARE and LICENSE).	$1,225.99
iDirect	e8350-48	e8350 Satellite Evolution Router 48 VDC (FIPS, TRANSEC, COTM Capable)	$13,293.70
iDirect	e8350-FIPSL2-24	e8350-FIPSL2 Satellite Evolution Router 24VDC (FIPS, TRANSEC, COTM Capable) FIPS-140-2, LEVEL 2	$15,107.30
iDirect	e8350-FIPSL2-48	e8350-FIPSL2 Satellite Evolution Router 48VDC (FIPS, TRANSEC, COTM Capable) FIPS-140-2, LEVEL 2	$16,316.07
iDirect	iConnex e800- FIPSL2	e800 Satellite Evolution Router (FIPS, TRANSEC, COTM Capable) FIPS-140-2, LEVEL 2	$15,107.30
iDirect	E0001734-0001	EVOLUTION, E8000-AR SATELLITE ROUTER	$61,622.17
iDirect	E0001734-0001- AMS-PC	EVOLUTION, E8000-AR SATELLITE ROUTER w/ AMS-PC Bundle (includes iDirect EVOLUTION, E8000-AR SATELLITE ROUTER, In-flight Airborne Mobility System – PC Version for EVOLUTION, E8000-AR SATELLITE ROUTER)	$96,435.77
iDirect	E0001734-0001-AMS-BI	EVOLUTION, E8000-AR SATELLITE ROUTER w/ AMS-BI Bundle (includes iDirect EVOLUTION, E8000-AR SATELLITE ROUTER, In-flight Airborne Mobility System – built in version for EVOLUTION, E8000-AR SATELLITE ROUTER)	$83,992.44
iDirect	K0000014-0003	e8350 Satellite Evolution Router (FIPS, TRANSEC, COTM Capable)	$12,236.00
iDirect	K0000042-0002	X3 Evolution Satellite Router	$1,070.17
iDirect	X5	X5 Evolution Satellite Router	$1,532.42
iDirect	eM1D1-2	eM1D1 Line Card (FIPS, TRANSEC, COTM Capable) (QTY 2)	$91,678.49
iDirect	eM1D1-5	eM1D1 Line Card (FIPS, TRANSEC, COTM Capable) (QTY 5)	$222,647.76
iDirect	XLC-11-2	XLC-11 (QTY 2)	$80,226.70
iDirect	XLC-11-5	XLC-11 (QTY 5)	$194,836.27
iDirect	XLC-M-2	XLC-M (QTY 2)	$38,097.53
iDirect	XLC-M-5	XLC-M (QTY 5)	$95,243.83
iDirect	M1D1-2	M1D1 Line Card (QTY 2)	$54,095.72
iDirect	M1D1-5	M1D1 Line Card (QTY 5)	$131,375.31
iDirect	9131-0102-1102(2)	M0D1 Line Card (QTY 2)	$34,382.87
iDirect	9131-0102-1102(5)	M0D1 Line Card (QTY 5)	$83,501.26
iDirect	K0000034-0002(2)	iDirect High Capacity Dual Protocol Processor Server (QTY 2)	$18,337.53
iDirect	K0000034-0002(5)	iDirect High Capacity Dual Protocol Processor Server (QTY 5)	$44,534.01
iDirect	K0000006-0002(2)	iDirect High Capacity Dual Processor NMS Server (QTY 2)	$18,337.53
iDirect	K0000006-0002(5)	iDirect High Capacity Dual Processor NMS Server (QTY 5)	$44,534.01
iDirect	K0000014-0003(2)	e8350 Satellite Evolution Router (FIPS, TRANSEC, COTM Capable) (QTY 2)	$23,792.22
iDirect	K0000014-0003(5)	e8350 Satellite Evolution Router (FIPS, TRANSEC, COTM Capable) (QTY 5)	$57,781.11
iDirect	K0000014-0003(10)	e8350 Satellite Evolution Router (FIPS, TRANSEC, COTM Capable) (QTY 10)	$112,163.32
iDirect	K0000044-0003	E850MP Modem Conformal Coated w/ Heatsink	$13,741.13
iDirect	K0000044-0006	E850MP Modem Conformal Coated w/o Heatsink	$13,741.13

AIS-03b Global Broadband Whole Beam - Bandwidth Service Only, 432 MHz Per Beam (216/216 MHz)

Service	Service Description	Bandwidth in MHz	UoM	GSA Price
AIS-03b Global Broadband Whole Beam - Bandwidth Service Only, 432 MHz Per Beam (216/216 MHz) Price is Per Beam / Per Year (Other charges may apply)				
AIS-O3B-1WBBW-1YP	1 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	432 MHz Per Beam	Annually	$6,025,265.59
AIS-O3B-2WBBW-1YP	2 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	432 MHz Per Beam	Annually	$5,939,546.90
AIS-O3B-3WBBW-1YP	3 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	432 MHz Per Beam	Annually	$5,833,752.73
AIS-O3B-4WBBW-1YP	4 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	432 MHz Per Beam	Annually	$5,724,936.63
AIS-O3B-5WBBW-1YP	5 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	432 MHz Per Beam	Annually	$5,616,120.54
AIS-O3B-6WBBW-1YP	6 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	432 MHz Per Beam	Annually	$5,495,213.98
AIS-O3B-7WBBW-1YP	7 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	432 MHz Per Beam	Annually	$5,374,307.43
AIS-03b Global Broadband Whole Beam - Bandwidth Service Only, 432 MHz Per Beam (216/216 MHz) Price is Per Beam / Per Month - Month to Month (Other charges may apply)				
AIS-O3B-1WBBW- M2M	1 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	432 MHz Per Beam	Monthly	$613,576.52
AIS-O3B-2WBBW- M2M	2 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	432 MHz Per Beam	Monthly	$602,838.89
AIS-O3B-3WBBW- M2M	3 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	432 MHz Per Beam	Monthly	$592,101.26
AIS-O3B-4WBBW- M2M	4 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	432 MHz Per Beam	Monthly	$581,056.37
AIS-O3B-5WBBW- M2M	5 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	432 MHz Per Beam	Monthly	$570,012.44
AIS-O3B-6WBBW- M2M	6 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	432 MHz Per Beam	Monthly	$557,740.45
AIS-O3B-7WBBW- M2M	7 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	432 MHz Per Beam	Monthly	$545,469.42

Commercial Satellite Communications (COMSATCOM) Transponded Capacity

Daily rates are available and are calculated by using the current monthly rate / 30

Service	Service Description	Bandwidth in MHz	Lease Duration	Regions	UoM	GSA Price
AIS-X<2-M2M	X-Band 0.1 to 1.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	0.1 - 1.9	< 12 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$12,241.81
AIS-X<2-1YP	X-Band 0.1 to 1.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	0.1 - 1.9	12 thru 23 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$11,208.97
	X-Band 2.0 - 2.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites	2.0 - 2.9	< 12 months	NA, CA, SA, AOR,	Monthly	$11,629.72

Service	Service Description	Bandwidth in MHz	Lease Duration	Regions	UoM	GSA Price
AIS-X<3-M2M	that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.			CARIB, AFR, EUR, ME, SWA, IOR		
AIS-X<3-1YP	X-Band 2.0 - 2.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	2.0 - 2.9	12 thru 23 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$11,208.97
AIS-X<4.5- M2M	X-Band 3.0 - 4.4 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	3.0 - 4.4	< 12 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$11,017.63
AIS-X<4.5-1YP	X-Band 3.0 - 4.4 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	3.0 - 4.4	12 thru 23 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$10,730.05
AIS-X<9-M2M	X-Band 4.5 - 8.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	4.5 - 8.9	< 12 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$9,793.45
AIS-X<9-1YP	X-Band 4.5 - 8.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	4.5 - 8.9	12 thru 23 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$9,695.52
AIS-X<18- M2M	X-Band 9.0 - 17.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	9.0 - 17.9	< 12 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$8,569.27
AIS-X<18-1YP	X-Band 9.0 - 17.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	9.0 - 17.9	12 thru 23 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$8,483.58
AIS-X<36- M2M	X-Band 18.0 - 35.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	18.0 - 35.9	< 12 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$8,226.50

Service	Service Description	Bandwidth in MHz	Lease Duration	Regions	UoM	GSA Price
AIS-X<36-1YP	X-Band 18.0 - 35.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	18.0 - 35.9	12 thru 23 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$8,140.81
AIS-X<72- M2M	X-Band 36.0 - 71.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	36.0 - 71.9	< 12 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$7,883.73
AIS-X<72-1YP	X-Band 36.0 - 71.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	36.0 - 71.9	12 thru 23 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$7,798.04
AIS-X<144- M2M	X-Band 72.0 to 143.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	1 Full Transponder (72 MHz +) 72.0 to 143.9	< 12 months	NA, CA, SA, AOR, CARIB, AFR,EUR, ME, SWA, IOR	Monthly	$7,651.13
AIS-X<144- 1YP	X-Band 72.0 to 143.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	1 Full Transponder (72 MHz +) 72.0 to 143.9	12 thru 23 months	NA, CA, SA, AOR, CARIB, AFR,EUR, ME, SWA, IOR	Monthly	$7,085.56
AIS-X<216- M2M	X-Band 144.0 to 215.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	2 Full Transponders (144 MHz) 144.0 to 215.9	< 12 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$7,542.23
AIS-X<216- 1YP	X-Band 144.0 to 215.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	2 Full Transponders (144 MHz) 144.0 to 215.9	12 thru 23 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$6,978.28
AIS-X<288- M2M	X-Band 216.0 to 287.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	3 Full Transponders (216 MHz) 216.0 to 287.9	< 12 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$7,434.04

Service	Service Description	Bandwidth in MHz	Lease Duration	Regions	UoM	GSA Price
AIS-X<288- 1YP	X-Band 216.0 to 287.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	3 Full Transponders (216 MHz) 216.0 to 287.9	12 thru 23 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$6,872.91
AIS-X<360- M2M	X-Band 288.0 to 359.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	4 Full Transponders (288 MHz) 288.0 to 359.9	< 12 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$7,326.55
AIS-X<360- 1YP	X-Band 288.0 to 359.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	4 Full Transponders (288 MHz) 288.0 to 359.9	12 thru 23 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$6,768.26
AIS-X<432- M2M	X-Band 360.0 to 431.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	5 Full Transponders (360 MHz) 360.0 to 431.9	< 12 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$7,220.98
AIS-X<432- 1YP	X-Band 360.0 to 431.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	5 Full Transponders (360 MHz) 360.0 to 431.9	12 thru 23 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$6,665.52
AIS- X>432+- M2M	X-Band 432 or more MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites tha have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	6 Full Transponders (432 MHz) 432 or more	< 12 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$7,114.91
AIS-X>432- 1YP	X-Band 432 or more MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites tha have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and actual satellite that technically meet the requirement.	6 Full Transponders (432 MHz) 432 or more	12 thru 23 months	NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, IOR	Monthly	$6,562.28
AIS-C<3-M2M	C-Band 0.1 to 2.9 MHz Non Preemptible Bandwidth. Price is Pe MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	0.1 - 2.9	< 12 months	Worldwide Coverage **	Monthly	$10,662.62
AIS-C<3-1YP	C-Band 0.1 to 2.9 MHz Non Preemptible Bandwidth. Price is Pe MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	0.1 - 2.9	> or = 12 Months	Worldwide Coverage **	Monthly	$9,265.21

Service	Service Description	Bandwidth in MHz	Lease Duration	Regions	UoM	GSA Price
AIS-C<9-M2M	C-Band 3.0 to 8.9 MHz Non Preemptible Bandwidth. Price is Pe MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	3.0 - 8.9	< 12 months	Worldwide Coverage **	Monthly	$9,271.95
AIS-C<9-1YP	C-Band 3.0 to 8.9 MHz Non Preemptible Bandwidth. Price is Pe MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement. based upon quantity requested and satellite that technically meet the requirement.	3.0 - 8.9	> or = 12 Months	Worldwide Coverage **	Monthly	$8,062.46
AIS-C<18- M2M	C-Band 9.0 to 17.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	9.0 - 17.9	< 12 months	Worldwide Coverage **	Monthly	$8,807.98
AIS-C<18-1YP	C-Band 9.0 to 17.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites tha have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	9.0 - 17.9	> or = 12 Months	Worldwide Coverage **	Monthly	$7,659.70
AIS-C<36- M2M	C-Band 18.0 to 35.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites tha have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	18.0 - 35.9	< 12 months	Worldwide Coverage **	Monthly	$8,345.24
AIS-C<36-1YP	C-Band 18.0 to 35.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites tha have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	18.0 - 35.9	> or = 12 Months	Worldwide Coverage **	Monthly	$7,255.72
AIS-C>36- M2M	C-Band 36.0 (or more) MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	36 (or more)	< 12 months	Worldwide Coverage **	Monthly	$7,881.28
AIS-C>36-1YP	C-Band 36.0 (or more) MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	36 (or more)	> or = 12 Months	Worldwide Coverage **	Monthly	$6,852.97
AIS-KU<3- M2M	Ku-Band 0.1 to 2.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites tha have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	0.1 - 2.9	< 12 months	Worldwide Coverage **	Monthly	$9,596.36
AIS-KU<3-1YP	Ku-Band 0.1 to 2.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites tha have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	0.1 - 2.9	> or = 12 Months	Worldwide Coverage **	Monthly	$8,113.30

Service	Service Description	Bandwidth in MHz	Lease Duration	Regions	UoM	GSA Price
AIS-KU<9- M2M	Ku-Band 3.0 to 8.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites tha have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	3.0 - 8.9	< 12 months	Worldwide Coverage **	Monthly	$8,345.24
AIS-KU<9-1YP	Ku-Band 3.0 to 8.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites tha have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	3.0 - 8.9	> or = 12 Months	Worldwide Coverage **	Monthly	$7,255.72
AIS-KU<18- M2M	Ku-Band 9.0 to 17.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites tha have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	9.0 - 17.9	< 12 months	Worldwide Coverage **	Monthly	$7,927.80
AIS-KU<18- 1YP	Ku-Band 9.0 to 17.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites tha have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	9.0 - 17.9	> or = 12 Months	Worldwide Coverage **	Monthly	$6,893.37
AIS-KU<36- M2M	Ku-Band 18.0 to 35.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites tha have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	18.0 - 35.9	< 12 months	Worldwide Coverage **	Monthly	$7,510.35
AIS-KU<36- 1YP	Ku-Band 18.0 to 35.9 MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites tha have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	18.0 - 35.9	> or = 12 Months	Worldwide Coverage **	Monthly	$6,531.01
AIS-KU >36- M2M	Ku-Band 36.0 (or more) MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	36 (or more)	< 12 months	Worldwide Coverage **	Monthly	$7,092.91
AIS- KU>36- 1YP	Ku-Band 36.0 (or more) MHz Non Preemptible Bandwidth. Price is Per MHz per Month. Price is comprised of available satellites that have a footprint in the noted Region(s). Actual GSA Quote will reflect any applicable discounts based upon quantity requested and satellite that technically meet the requirement.	36 (or more)	> or = 12 Months	Worldwide Coverage **	Monthly	$6,167.43
AIS-HNANA	NORTH AMERICA - HOST NATION AGREEMENTS $/each	N/A	Each	NORTH AMERICA	EA	$14,826.20
AIS- HNACSA	CENTRAL/SOUTH AMERICA HOST NATION AGREEMENTS $/each	N/A	Each	CENTRAL/ SOUTH AMERICA (ATLANTIC OCEAN REGION - AOR)	EA	$30,151.13
AIS-HNAEU	EUROPE AMERICA HOST NATION AGREEMENTS $/each	N/A	Each	EUROPE	EA	$58,488.66
	MIDDLE EAST/AFRICA HOST NATION			MIDDLE EAST /		

Service	Service Description	Bandwidth in MHz	Lease Duration	Regions	UoM	GSA Price
AIS- HNAMEA	AGREEMENTS $/each	N/A	Each	AFRICA (INDIAN OCEAN REGION - IOR)	EA	$106,095.72
AIS-HNAAP	ASIA/PACIFIC HOST NATION AGREEMENTS $/each	N/A	Each	ASIA (PACIFIC OCEAN REGION - POR)	EA	$53,727.96

****Worldwide Coverage: NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, SEA, NWA, NEA, IOR, POR, OCEANIA)**

AIS-O3b Global Broadband Partial Beam

Service	Service Description	UOI	GSA Price
AIS-03b Global Broadband Partial Beam - Bandwidth Service Only Based on Availability - 1.2 M Shipboard Antenna Systems - Partial Beam Per Month Per Year - Add Choice of Antenna Terminal, Gateway, Co-Location Fees and Activation - Installation Separate			
AIS-O3B-PBBW12-<25MBPS-1YP	<25 Mbps Bandwidth Service for 1.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,774.33
AIS-O3B-PBBW12-25-49MBPS-1YP	25-49 Mbps Bandwidth Service for 1.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,667.93
AIS-O3B-PBBW12-50-99MBPS-1YP	50-99 Mbps Bandwidth Service for 1.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,614.73
AIS-O3B-PBBW12-100-199MBPS-1YP	100-199 Mbps Bandwidth Service for 1.2 M Shipboard Antenna Systems. Price is Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,564.19
AIS-O3B-PBBW12-200-299MBPS-1YP	200-299 Mbps Bandwidth Service for 1.2 M Shipboard Antenna Systems. Price is Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,513.65
AIS-O3B-PBBW12-300-399MBPS-1YP	300-399 Mbps Bandwidth Service for 1.2 M Shipboard Antenna Systems. Price is Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,463.12
AIS-O3B-PBBW12-400-499MBPS-1YP	400-499 Mbps Bandwidth Service for 1.2 M Shipboard Antenna Systems. Price is Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,415.24
AIS-03b Global Broadband Partial Beam - Bandwidth Service Only Based on Availability- 1.2 M Shipboard Antenna Systems - Partial Beam Per Month - Month to Month - Add Choice of Antenna Terminal, Gateway, Co-Location Fees and Activation - Installation Separate			
AIS-O3B-PBBW12-<25MBPS-M2M	<25 Mbps Bandwidth Service for 1.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$3,094.44
AIS-O3B-PBBW12-25-49MBPS-M2M	25-49 Mbps Bandwidth Service for 1.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$3,078.38
AIS-O3B-PBBW12-50-99MBPS-M2M	50-99 Mbps Bandwidth Service for 1.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$3,017.00
AIS-O3B-PBBW12-100-199MBPS-M2M	100-199 Mbps Bandwidth Service for 1.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$2,958.68
AIS-O3B-PBBW12-200-299MBPS-M2M	200-299 Mbps Bandwidth Service for 1.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$2,900.37
AIS-O3B-PBBW12-300-399MBPS-M2M	300-399 Mbps Bandwidth Service for 1.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$2,842.05
AIS-O3B-PBBW12-400-499MBPS-M2M	400-499 Mbps Bandwidth Service for 1.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$2,786.81
AIS-03b Global Broadband Partial Beam -Bandwidth Service Only Based on Availability - 1.8 M Ground Antenna Systems - Partial Beam Per Month Per Year - Add Choice of Antenna Terminal, Gateway, Co-Location Fees and Activation - Installation Separate			
AIS-O3B-PBBW18-<25MBPS-1YP	<25 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,698.67

Service	Service Description	UOI	GSA Price
AIS-O3B-PBBW18-25-49MBPS-1YP	25-49 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,595.16
AIS-O3B-PBBW18-50-99MBPS-1YP	50-99 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,543.42
AIS-O3B-PBBW18-100-199MBPS-1YP	100-199 Mbps Bandwidth Service for 1.8 5M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,494.26
AIS-O3B-PBBW18-200-299MBPS-1YP	200-299 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,445.10
AIS-O3B-PBBW18-300-399MBPS-1YP	300-399 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,395.93
AIS-O3B-PBBW18-400-499MBPS-1YP	400-499 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,349.37
AIS-O3B-PBBW18-500-599MBPS-1YP	500-599 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,302.79
AIS-O3B-PBBW18-600-699MBPS-1YP	600-699 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$2,258.81
AIS-03b Global Broadband Partial Beam - Bandwidth Service Only Based on Availability - 1.8 M Ground Antenna Systems - Partial Beam Per Month - Month to Month - Add Choice of Antenna Terminal, Gateway, Co-Location Fees and Activation - Installation Separate			
AIS-O3B-PBBW18-<25MBPS- M2M	<25 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$3,010.05
AIS-O3B-PBBW18-25-49MBPS- M2M	25-49 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$2,894.61
AIS-O3B-PBBW18-50-99MBPS- M2M	50-99 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$2,836.89
AIS-O3B-PBBW18-100- 199MBPS-M2M	100-199 Mbps Bandwidth Service for 1.8 5M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$2,782.05
AIS-O3B-PBBW18-200- 299MBPS-M2M	200-299 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$2,727.22
AIS-O3B-PBBW18-300- 399MBPS-M2M	300-399 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$2,672.39
AIS-O3B-PBBW18-400- 499MBPS-M2M	400-499 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$2,620.45
AIS-O3B-PBBW18-500- 599MBPS-M2M	500-599 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$2,568.49
AIS-O3B-PBBW18-600- 699MBPS-M2M	600-699 Mbps Bandwidth Service for 1.8 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$2,519.43
AIS-03b Global Broadband Partial Beam - Bandwidth Service Only Based on Availability - 2.2 M Shipboard Antenna Systems - Partial Beam Per Month Per Year - Add Choice of Antenna Terminal, Gateway, Co-Location Fees and Activation - Installation Separate			
AIS-O3B-PBBW22-<25MBPS-1YP	<25 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,664.60
AIS-O3B-PBBW22-25-49MBPS-1YP	25-49 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,600.76
AIS-O3B-PBBW22-50-99MBPS-1YP	50-99 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,568.84
AIS-O3B-PBBW22-100-199MBPS-1YP	100-199 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,538.51
AIS-O3B-PBBW22-200-299MBPS-1YP	200-299 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,508.19
AIS-O3B-PBBW22-300-399MBPS-1YP	300-399 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,477.87
AIS-O3B-PBBW22-400-499MBPS-1YP	400-499 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,449.14

Service	Service Description	UOI	GSA Price
AIS-O3B-PBBW22-500-599MBPS-1YP	500-599 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,420.41
AIS-O3B-PBBW22-600-699MBPS-1YP	600-699 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,393.28
AIS-03b Global Broadband Partial Beam - Bandwidth Service Only Based on Availability - 2.2 M Shipboard Antenna Systems - Partial Beam Per Month - Month to Month - Add Choice of Antenna Terminal, Gateway, Co-Location Fees and Activation - Installation Separate			
AIS-O3B-PBBW22-<25MBPS- M2M	<25 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,856.66
AIS-O3B-PBBW22-25-49MBPS- M2M	25-49 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,785.46
AIS-O3B-PBBW22-50-99MBPS- M2M	50-99 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,749.86
AIS-O3B-PBBW22-100-199MBPS-M2M	100-199 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,716.03
AIS-O3B-PBBW22-200-299MBPS-M2M	200-299 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,682.22
AIS-O3B-PBBW22-300-399MBPS-M2M	300-399 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,648.39
AIS-O3B-PBBW22-400-499MBPS-M2M	400-499 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,616.35
AIS-O3B-PBBW22-500-599MBPS-M2M	500-599 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,584.30
AIS-O3B-PBBW22-600-699MBPS-M2M	600-699 Mbps Bandwidth Service for 2.2 M Shipboard Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,554.04
AIS-03b Global Broadband Partial Beam - Bandwidth Service Only Based on Availability - 2.4 M Ground Antenna Systems - Partial Beam Per Month Per Year - Add Choice of Antenna Terminal, Gateway, Co-Location Fees and Activation - Installation Separate			
AIS-O3B-PBBW24-<25MBPS-1YP	<25 Mbps Bandwidth Service 2.4 M Ground Antenna Systems. Price is per Mbps. Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,261.06
AIS-O3B-PBBW24-25-49MBPS-1YP	25-49 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,212.69
AIS-O3B-PBBW24-50-99MBPS-1YP	50-99 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,188.52
AIS-O3B-PBBW24-100-199MBPS-1YP	100-199 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,165.54
AIS-O3B-PBBW24-200-299MBPS-1YP	200-299 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,142.57
AIS-O3B-PBBW24-300-399MBPS-1YP	300-399 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,119.60
AIS-O3B-PBBW24-400-499MBPS-1YP	400-499 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,097.84
AIS-O3B-PBBW24-500-599MBPS-1YP	500-599 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,076.07
AIS-O3B-PBBW24-600-699MBPS-1YP	600-699 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,055.52
AIS-O3B-PBBW24-700-799MBPS-1YP	700-799 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,034.96
AIS-03b Global Broadband Partial Beam - Bandwidth Service Only Based on Availability - 2.4 M Ground Antenna Systems - Partial Beam Per Month - Month to Month - Add Choice of Antenna Terminal, Gateway, Co-Location Fees and Activation - Installation Separate			
AIS-O3B-PBBW24-<25MBPS-M2M	<25 Mbps Bandwidth Service 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,406.57
AIS-O3B-PBBW24-25-49MBPS-M2M	25-49 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,352.62

Service	Service Description	UOI	GSA Price
AIS-O3B-PBBW24-50-99MBPS-M2M	50-99 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,325.65
AIS-O3B-PBBW24-100-199MBPS-M2M	100-199 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,300.03
AIS-O3B-PBBW24-200-299MBPS-M2M	200-299 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,274.41
AIS-O3B-PBBW24-300-399MBPS-M2M	300-399 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,248.79
AIS-O3B-PBBW24-400-499MBPS-M2M	400-499 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,224.50
AIS-O3B-PBBW24-500-599MBPS-M2M	500-599 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,200.23
AIS-O3B-PBBW24-600-699MBPS-M2M	600-699 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,177.31
AIS-O3B-PBBW24-700-799MBPS-M2M	700-799 Mbps Bandwidth Service for 2.4 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,154.38
AIS-03b Global Broadband Partial Beam - Bandwidth Service Only Based on Availability- 4.5M Ground Antenna Systems - Partial Beam Per Month Per Year - Add Choice of Antenna Terminal, Gateway, Co-Location Fees and Activation - Installation Separate			
AIS-O3B-PBBW45-<25MBPS-1YP	<25 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,134.95
AIS-O3B-PBBW45-25-49MBPS-1YP	25-49 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,091.43
AIS-O3B-PBBW45-50-99MBPS-1YP	50-99 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,069.66
AIS-O3B-PBBW45-100-199MBPS-1YP	100-199 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,048.99
AIS-O3B-PBBW45-200-299MBPS-1YP	200-299 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,028.31
AIS-O3B-PBBW45-300-399MBPS-1YP	300-399 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$1,007.64
AIS-O3B-PBBW45-400-499MBPS-1YP	400-499 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$988.05
AIS-O3B-PBBW45-500-599MBPS-1YP	500-599 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$968.46
AIS-O3B-PBBW45-600-699MBPS-1YP	600-699 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$949.96
AIS-O3B-PBBW45-700-799MBPS-1YP	700-799 Mbps Bandwidth Service for 4.5M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$931.47
AIS-O3B-PBBW45-800-899MBPS-1YP	800-899 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$912.97
AIS-O3B-PBBW45-900-1000MBPS-1YP	900-1000 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month (12-month min). Subject to availability.	EA	$894.47
AIS-03b Global Broadband Partial Beam - Bandwidth Service Only Based on Availability - 4.5M Ground Antenna Systems - Partial Beam Per Month - Month to Month - Add Choice of Antenna Terminal, Gateway, Co-Location Fees and Activation - Installation Separate			
AIS-O3B-PBBW45-<25MBPS- M2M	<25 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,265.90
AIS-O3B-PBBW45-25-49MBPS- M2M	25-49 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,217.36
AIS-O3B-PBBW45-50-99MBPS- M2M	50-99 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,193.09
AIS-O3B-PBBW45-100- 199MBPS-M2M	100-199 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,170.03

Service	Service Description	UOI	GSA Price
AIS-O3B-PBBW45-200- 299MBPS-M2M	200-299 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,146.96
AIS-O3B-PBBW45-300- 399MBPS-M2M	300-399 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,123.90
AIS-O3B-PBBW45-400- 499MBPS-M2M	400-499 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,102.06
AIS-O3B-PBBW45-500- 599MBPS-M2M	500-599 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,080.21
AIS-O3B-PBBW45-600- 699MBPS-M2M	600-699 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,059.58
AIS-O3B-PBBW45-700- 799MBPS-M2M	700-799 Mbps Bandwidth Service for 4.5M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,038.94
AIS-O3B-PBBW45-800- 899MBPS-M2M	800-899 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$1,018.31
AIS-O3B-PBBW45-900- 1000MBPS-M2M	900-1000 Mbps Bandwidth Service for 4.5 M Ground Antenna Systems. Price is per Mbps. Partial Beam Per Month - Month to Month. Subject to availability.	EA	$997.67
AIS-03b Global Broadband Whole Beam - Bandwidth Service Only, 432 MHz Per Beam (216/216 MHz) Price is Per Beam / Per Year (Other charges may apply)			
AIS-O3B-1WBBW-1YP	1 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	EA	$6,045,340.14
AIS-O3B-2WBBW-1YP	2 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	EA	$5,939,546.90
AIS-O3B-3WBBW-1YP	3 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	EA	$5,833,752.73
AIS-O3B-4WBBW-1YP	4 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	EA	$5,724,936.63
AIS-O3B-5WBBW-1YP	5 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	EA	$5,616,120.54
AIS-O3B-6WBBW-1YP	6 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	EA	$5,495,213.98
AIS-O3B-7WBBW-1YP	7 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Per Beam / Year Price	EA	$5,374,307.43
AIS-03b Global Broadband Whole Beam - Bandwidth Service Only, 432 MHz Per Beam (216/216 MHz) Price is Per Beam / Per Month - Month to Month (Other charges may apply)			
AIS-O3B-1WBBW-M2M	1 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Price is Per Beam/Month	EA	$613,576.52
AIS-O3B-2WBBW-M2M	2 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Price is Per Beam/Month	EA	$602,838.89
AIS-O3B-3WBBW-M2M	3 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Price is Per Beam/Month	EA	$592,101.26
AIS-O3B-4WBBW-M2M	4 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Price is Per Beam/Month	EA	$581,056.37
AIS-O3B-5WBBW-M2M	5 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Price is Per Beam/Month	EA	$570,012.44
AIS-O3B-6WBBW-M2M	6 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Price is Per Beam/Month	EA	$557,740.45
AIS-O3B-7WBBW-M2M	7 x Whole Beam Ka-Band Satellite Bandwidth, 432 MHz Price is Per Beam/Month	EA	$545,469.42
AIS-03b IP Access Charge/MBPS/Month for each Regional Gateway			
AIS-O3B-GWY-Connectivity-Brazil	IP Connectivity Charge/Mbps/Month-Internet at Brazil Gateway. Price is per Mbps/ month.	EA	$85.77
AIS-O3B-GWY-Connectivity-Greece	IP Connectivity Charge/Mbps/Month-Internet at Greece Gateway. Price is per Mbps/ month.	EA	$57.00
AIS-O3B-GWY-Connectivity-Hawaii	IP Connectivity Charge/Mbps/Month-Internet at Hawaii USA Gateway. Price is per Mbps/ month.	EA	$48.36
AIS-O3B-GWY-Connectivity-Pakistan	IP Connectivity Charge/Mbps/Month-Internet at Pakistan Gateway. Price is per Mbps/ month.	EA	$49.52
AIS-O3B-GWY-Connectivity-Perth	IP Connectivity Charge/Mbps/Month-Internet at Perth, Australia Gateway. Price is per Mbps /month.	EA	$85.77
AIS-O3B-GWY-Connectivity-Peru	IP Connectivity Charge/Mbps/Month-Internet at Peru Gateway. Price is per Mbps /month.	EA	$57.00
AIS-O3B-GWY-Connectivity-Portugal	IP Connectivity Charge/Mbps/Month-Internet at Portugal Gateway. Price is per Mbps/ month.	EA	$21.29
AIS-O3B-GWY-Connectivity-	IP Connectivity Charge/Mbps/Month-Internet at Vernon, Texas USA Gateway. Price	EA	$21.29

Service	Service Description	UOI	GSA Price
Vernon-USA	is per Mbps/month.		
AIS-O3B-GWY-Colocation/RU	Colocation cost per 1 RU rack space per month.	EA	$100.00
AIS-O3B-GWY-Colocation/Rack	Colocation cost per rack per month.	EA	$2,421.66
AIS-O3B-GWY-Activation Fee-V	NRC - Gateway Modem Activation - ViaSat	NRC	$47,441.56
AIS-O3B-GWY-Activation Fee-C	NRC - Gateway Modem Activation - Comtech	NRC	$57,506.44

Commercial Satellite Communications (COMSATCOM) Subscription Services

Daily rates are available and are calculated by using the current monthly rate / 30

Service	Service Description	Bandwidth in MHz	Lease Duration	Regions	GSA Price
AIS-1MTER-CONUS-M2M	Terrestrial Connectivity	1024 Kbps ($/Mbps)	M2M	CONUS	$500.00
AIS-1MTER-CONUS-1YP	Terrestrial Connectivity	1024 Kbps ($/Mbps)	1YP	CONUS	$6,000.00
AIS-1MTER-OCONUS-M2M	Terrestrial Connectivity	1024 Kbps ($/Mbps)	M2M	OCONUS	$1,200.00
AIS-1MTER-OCONUS-1YP	Terrestrial Connectivity	1024 Kbps ($/Mbps)	1YP	OCONUS	13,000.00
AIS-1MUPS-M2M	Teleport Uplink/Downlink	1024 Kbps ($/Mbps)	M2M	WORLDWIDE	$1,787.08
AIS-1MUPS-1YP	Teleport Uplink/Downlink	1024 Kbps ($/Mbps)	1YP	WORLDWIDE	$21,444.94
AIS-NOCC1-M2M	NOCC service fee per circuit	($/circuit)	M2M	WORLDWIDE	$408.04
AIS-NOCC1-1YP	NOCC service fee per circuit	($/circuit)	1YP	WORLDWIDE	$3,264.30
AIS-TS-CONUS	Subscription Service Technical Support for CONUS (Installation, Testing, Integrations, Commissioning, Troubleshooting, etc.)	N/A	$/Day	CONUS	$1,246.78
AIS-TS-OCONUS	Subscription Service Technical Support for OCONUS (Installation, Testing, Integrations, Commissioning, Troubleshooting, etc.)	N/A	$/Day	OCONUS	$1,496.14
AIS-ACT-PORT-M2M	ACTIVATION/PORTABILITY (per occurrence)	N/A	NRC	N/A	$3,173.80
AIS-ACT-PORT-1YP	ACTIVATION/PORTABILITY (per occurrence)	N/A	NRC	N/A	$2,720.40
AIS-256/256-BL- M2M	FSS/SCPC or TDMA Service 256 x 256 Kbps (=/< 0.5MHz Bandwidth Limited Service)	=/< 0.5 MHz	Monthly	Worldwide Coverage**	$10,526.95
AIS-256/256- PEB50-M2M	FSS/SCPC or TDMA Service 256 x 256 Kbps (=/< 0.75 MHz Power Equivalent Bandwidth Service)	=/< 0.75 MHz	Monthly	Worldwide Coverage**	$12,734.19
AIS-256/256- PEB100-M2M	FSS/SCPC or TDMA Service 256 x 256 Kbps (=/< 1 MHz Power Equivalent Bandwidth Service)	=/< 1 MHz	Monthly	Worldwide Coverage**	$14,941.42
AIS-512/512-BL- M2M	FSS/SCPC or TDMA Service 512 x 512 Kbps (=/< 1 MHz Bandwidth Limited Service)	=/< 1 MHz	Monthly	Worldwide Coverage**	$16,062.03
AIS-512/512- PEB50-M2M	FSS/SCPC or TDMA Service 512 x 512 Kbps (=/< 1.5MHz Power Equivalent Bandwidth Service)	=/< 1.5 MHz	Monthly	Worldwide Coverage**	$21,891.40
AIS-512/512- PEB100-M2M	FSS/SCPC or TDMA Service 512 x 512 Kbps (=/< 2 MHz Power Equivalent Bandwidth Service)	=/< 2 MHz	Monthly	Worldwide Coverage**	$29,772.30
AIS-768/256-BL- M2M	FSS/SCPC or TDMA Service 768 x 256 Kbps (=/< 1 MHz Bandwidth Limited Service)	=/< 1 MHz	Monthly	Worldwide Coverage**	$16,062.03
AIS-768/256- PEB50-M2M	FSS/SCPC or TDMA Service 768 x 256 Kbps (=/< 1.5 MHz Power Equivalent Bandwidth Service)	=/< 1.5 MHz	Monthly	Worldwide Coverage**	$21,891.40
AIS-768/256- PEB100-M2M	FSS/SCPC or TDMA Service 768 x 256 Kbps (=/< 2 MHz Power Equivalent Bandwidth Service)	=/< 2 MHz	Monthly	Worldwide Coverage**	$29,772.30
AIS-1024/512-BL- M2M	FSS/SCPC or TDMA Service 1024 x 512 Kbps (=/< 1.5 MHz Bandwidth Limited Service)	=/< 1.5 MHz	Monthly	Worldwide Coverage**	$22,273.22

Service	Service Description	Bandwidth in MHz	Lease Duration	Regions	GSA Price
AIS-1024/512- PEB50-M2M	FSS/SCPC or TDMA Service 1024 x 512 Kbps (=/< 2.3 MHz Power Equivalent Bandwidth Service)	=/< 2.3 MHz	Monthly	Worldwide Coverage**	$30,291.58
AIS-1024/512- PEB100-M2M	FSS/SCPC or TDMA Service 1024 x 512 Kbps (=/< 3 MHz Power Equivalent Bandwidth Service)	=/< 3 MHz	Monthly	Worldwide Coverage**	$41,196.55
AIS-1024/1024- BL-M2M	FSS/SCPC or TDMA Service 1024 x 1024 Kbps (=/< 2 MHz Bandwidth Limited Service)	=/< 2 MHz	Monthly	Worldwide Coverage**	$30,291.58
AIS-1024/1024- PEB50-M2M	FSS/SCPC or TDMA Service 1024 x 1024 Kbps (=/< 3 MHz Power Equivalent Bandwidth Service)	=/< 3 MHz	Monthly	Worldwide Coverage**	$41,196.55
AIS-1024/1024- PEB100-M2M	FSS/SCPC or TDMA Service 1024 x 1024 Kbps (=/< 4 MHz Power Equivalent Bandwidth Service)	=/< 4 MHz	Monthly	Worldwide Coverage**	$56,027.31
AIS-1536/512-BL- M2M	FSS/SCPC or TDMA Service 1536 x 512 Kbps (=/< 2 MHz Bandwidth Limited Service)	=/< 2 MHz	Monthly	Worldwide Coverage**	$30,291.58
AIS-1536/512- PEB50-M2M	FSS/SCPC or TDMA Service 1536 x 512 Kbps (=/< 3 MHz Power Equivalent Bandwidth Service)	=/< 3 MHz	Monthly	Worldwide Coverage**	$41,196.55
AIS-1536/512- PEB100-M2M	FSS/SCPC or TDMA Service 1536 x 512 Kbps (=/< 4 MHz Power Equivalent Bandwidth Service)	=/< 4 MHz	Monthly	Worldwide Coverage**	$56,027.31
AIS-2048/1024- BL-M2M	FSS/SCPC or TDMA Service 2048 x 1024 Kbps (=/< 3 MHz Bandwidth Limited Service)	=/< 3 MHz	Monthly	Worldwide Coverage**	$41,196.55
AIS-2048/1024- PEB50-M2M	FSS/SCPC or TDMA Service 2048 x 1024 Kbps (=/< 4.5 MHz Power Equivalent Bandwidth Service)	=/< 4.5 MHz	Monthly	Worldwide Coverage**	$57,675.17
AIS-2048/1024- PEB100-M2M	FSS/SCPC or TDMA Service 2048 x 1024 Kbps (=/< 6 MHz Power Equivalent Bandwidth Service)	=/< 6 MHz	Monthly	Worldwide Coverage**	$78,438.24
AIS-4096/2048- BL-M2M	FSS/SCPC or TDMA Service 4096 x 2048 Kbps (=/< 6 MHz Bandwidth Limited Service)	=/< 6 MHz	Monthly	Worldwide Coverage**	$78,438.24
AIS-4096/2048- PEB50-M2M	FSS/SCPC or TDMA Service 4096 x 2048 Kbps (=/< 9 MHz Power Equivalent Bandwidth Service)	=/< 9 MHz	Monthly	Worldwide Coverage**	$106,676.00
AIS-4096/2048- PEB100-M2M	FSS/SCPC or TDMA Service 4096 x 2048 Kbps (=/< 12 MHz Power Equivalent Bandwidth Service)	=/< 12 MHz	Monthly	Worldwide Coverage**	$145,079.36
AIS-8192/4096- BL-M2M	FSS/SCPC or TDMA Service 8192 x4096 Kbps (=/< 12 MHz Bandwidth Limited Service)	=/< 12 MHz	Monthly	Worldwide Coverage**	$145,079.36
AIS-8192/4096- PEB50-M2M	FSS/SCPC or TDMA Service 8192 x 4096 Kbps (=/< 18 MHz Power Equivalent Bandwidth Service)	=/< 18 MHz	Monthly	Worldwide Coverage**	$197,307.93
AIS-8192/4096- PEB100-M2M	FSS/SCPC or TDMA Service 8192 x 4096 Kbps (=/< 24 MHz Power Equivalent Bandwidth Service)	=/< 24 MHz	Monthly	Worldwide Coverage**	$268,338.79
AIS-16384/8192- BL-M2M	FSS/SCPC or TDMA Service 16384 x 8192 Kbps (=/< 24 MHz Bandwidth Limited Service)	=/< 24 MHz	Monthly	Worldwide Coverage**	$271,405.52
AIS- 16384/8192- PEB50-M2M	FSS/SCPC or TDMA Service 16384 x 8192 Kbps (=/< 36 MHz Power Equivalent Bandwidth Service)	=/< 36 MHz	Monthly	Worldwide Coverage**	$369,111.51
AIS-16384/8192- PEB100-M2M	FSS/SCPC or TDMA Service 16384 x 8192 Kbps (=/< 48 MHz Power Equivalent Bandwidth Service)	=/< 48 MHz	Monthly	Worldwide Coverage**	$501,991.65
AIS-32768/16384- BL-M2M	FSS/SCPC or TDMA Service 32768 x 16384 Kbps (=/< 48 MHz Bandwidth Limited Service)	=/< 48 MHz	Monthly	Worldwide Coverage**	$501,991.65
AIS-32768/16384- PEB50-M2M	FSS/SCPC or TDMA Service 32768 x 16384 Kbps (=/< 72 MHz Power Equivalent Bandwidth Service)	=/< 72 MHz	Monthly	Worldwide Coverage**	$682,708.64
AIS-32768/16384- PEB100-M2M	FSS/SCPC or TDMA Service 32768 x 16384 Kbps (=/< 96 MHz Power Equivalent Bandwidth Service)	=/< 96 MHz	Monthly	Worldwide Coverage**	$928,483.76
AIS-256/256- PEB50-1YP	FSS/SCPC or TDMA Service 256 x 256 Kbps (=/< 0.75 MHz Power Equivalent Bandwidth Service)	=/< 0.75 MHz	Annual	Worldwide Coverage**	$117,546.33
AIS-256/256- PEB100-1YP	FSS/SCPC or TDMA Service 256 x 256 Kbps (=/< 1 MHz Power Equivalent Bandwidth Service)	=/< 1 MHz	Annual	Worldwide Coverage**	$137,920.81

Service	Service Description	Bandwidth in MHz	Lease Duration	Regions	GSA Price
AIS-512/512- BL- 1YP	FSS/SCPC or TDMA Service 512 x 512 Kbps (=/< 1 MHz Bandwidth Limited Service)	=/< 1 MHz	Annual	Worldwide Coverage**	$148,264.87
AIS-512/512- PEB50-1YP	FSS/SCPC or TDMA Service 512 x 512 Kbps (=/< 1.5 MHz Power Equivalent Bandwidth Service)	=/< 1.5 MHz	Annual	Worldwide Coverage**	$202,074.44
AIS-512/512- PEB100-1YP	FSS/SCPC or TDMA Service 512 x 512 Kbps (=/< 2 MHz Power Equivalent Bandwidth Service)	=/< 2 MHz	Annual	Worldwide Coverage**	$274,820.47
AIS-768/256- BL-1YP	FSS/SCPC or TDMA Service 768 x 256 Kbps (=/< 1 MHz Bandwidth Limited Service)	=/< 1 MHz	Annual	Worldwide Coverage**	$148,264.87
AIS-768/256- PEB50-1YP	FSS/SCPC or TDMA Service 768 x 256 Kbps (=/< 1.5 MHz Power Equivalent Bandwidth Service)	=/< 1.5 MHz	Annual	Worldwide Coverage**	$202,074.44
AIS-768/256- PEB100-1YP	172746.FSS/SCPC or TDMA Service 768 x 256 Kbps (=/< 2 MHz Power Equivalent Bandwidth Service)	=/< 2 MHz	Annual	Worldwide Coverage**	$274,820.47
AIS-1024/512- BL- 1YP	FSS/SCPC or TDMA Service 1024 x 512 Kbps (=/< 1.5 MHz Bandwidth Limited Service)	=/< 1.5 MHz	Annual	Worldwide Coverage**	$205,598.99
AIS-1024/512- PEB50-1YP	FSS/SCPC or TDMA Service 1024 x 512 Kbps (=/< 2.3 MHz Power Equivalent Bandwidth Service)	=/< 2.3 MHz	Annual	Worldwide Coverage**	$279,613.85
AIS-1024/512- PEB100-1YP	FSS/SCPC or TDMA Service 1024 x 512 Kbps (=/< 3 MHz Power Equivalent Bandwidth Service)	=/< 3 MHz	Annual	Worldwide Coverage**	$380,275.88
AIS-1024/1024-BL- 1YP	FSS/SCPC or TDMA Service 1024 x 1024 Kbps (=/< 2 MHz Bandwidth Limited Service)	=/< 2 MHz	Annual	Worldwide Coverage**	$279,613.85
AIS-1024/1024- PEB50-1YP	FSS/SCPC or TDMA Service 1024 x 1024 Kbps (=/< 3 MHz Power Equivalent Bandwidth Service)	=/< 3 MHz	Annual	Worldwide Coverage**	$380,275.88
AIS-1024/1024- PEB100-1YP	FSS/SCPC or TDMA Service 1024 x 1024 Kbps (=/< 4 MHz Power Equivalent Bandwidth Service)	=/< 4 MHz	Annual	Worldwide Coverage**	$517,174.81
AIS-1536/512-BL- 1YP	FSS/SCPC or TDMA Service 1536 x 512 Kbps (=/< 2 MHz Bandwidth Limited Service)	=/< 2 MHz	Annual	Worldwide Coverage**	$279,613.85
AIS-1536/512-PEB50-1YP	FSS/SCPC or TDMA Service 1536 x 512 Kbps (=/< 3 MHz Power Equivalent Bandwidth Service)	=/< 3 MHz	Annual	Worldwide Coverage**	$380,275.88
AIS-1536/512- PEB100-1YP	FSS/SCPC or TDMA Service 1536 x 512 Kbps (=/< 4 MHz Power Equivalent Bandwidth Service)	=/< 4 MHz	Annual	Worldwide Coverage**	$517,174.81
AIS-2048/1024-BL- 1YP	FSS/SCPC or TDMA Service 2048 x 1024 Kbps (=/< 3 MHz Bandwidth Limited Service)	=/< 3 MHz	Annual	Worldwide Coverage**	$380,275.88
AIS-2048/1024- PEB50-1YP	FSS/SCPC or TDMA Service 2048 x 1024 Kbps (=/< 4.5 MHz Power Equivalent Bandwidth Service)	=/< 4.5 MHz	Annual	Worldwide Coverage**	$532,386.23
AIS-2048/1024- PEB100-1YP	FSS/SCPC or TDMA Service 2048 x 1024 Kbps (=/< 6 MHz Power Equivalent Bandwidth Service)	=/< 6 MHz	Annual	Worldwide Coverage**	$724,045.28
AIS-4096/2048-BL- 1YP	FSS/SCPC or TDMA Service 4096 x 2048 Kbps (=/< 6 MHz Bandwidth Limited Service)	=/< 6 MHz	Annual	Worldwide Coverage**	$724,045.28
AIS-4096/2048- PEB50-1YP	FSS/SCPC or TDMA Service 4096 x 2048 Kbps (=/< 9 MHz Power Equivalent Bandwidth Service)	=/< 9 MHz	Annual	Worldwide Coverage**	$984,701.58
AIS-4096/2048- PEB100-1YP	FSS/SCPC or TDMA Service 4096 x 2048 Kbps (=/< 12 MHz Power Equivalent Bandwidth Service)	=/< 12 MHz	Annual	Worldwide Coverage**	$1,339,194.16
AIS-8192/4096-BL- 1YP	FSS/SCPC or TDMA Service 8192 x 4096 Kbps (=/< 12 MHz Bandwidth Limited Service)	=/< 12 MHz	Annual	Worldwide Coverage**	$1,339,194.16
AIS-8192/4096- PEB50-1YP	FSS/SCPC or TDMA Service 8192 x 4096 Kbps (=/< 18 MHz Power Equivalent Bandwidth Service)	=/< 18 MHz	Annual	Worldwide Coverage**	$1,821,304.05
AIS-8192/4096- PEB100-1YP	FSS/SCPC or TDMA Service 8192 x 4096 Kbps (=/< 24 MHz Power Equivalent Bandwidth Service)	=/< 24 MHz	Annual	Worldwide Coverage**	$2,476,973.51
AIS-16384/8192- BL-1YP	FSS/SCPC or TDMA Service 16384 x 8192 Kbps (=/< 24 MHz Bandwidth Limited Service)	=/< 24 MHz	Annual	Worldwide Coverage**	$2,505,281.78

Service	Service Description	Bandwidth in MHz	Lease Duration	Regions	GSA Price
AIS- 16384/8192- PEB50-1YP	FSS/SCPC or TDMA Service 16384 x 8192 Kbps (=/< 36 MHz Power Equivalent Bandwidth Service)	=/< 36 MHz	Annual	Worldwide Coverage**	$3,407,183.22
AIS- 16384/8192- PEB100-1YP	FSS/SCPC or TDMA Service 16384 x 8192 Kbps (=/< 48 MHz Power Equivalent Bandwidth Service)	=/< 48 MHz	Annual	Worldwide Coverage**)	$4,633,769.18
AIS- 32768/16384- BL-1YP	FSS/SCPC or TDMA Service 32768 x 16384 Kbps (=/< 48 MHz Bandwidth Limited Service)	=/< 48 MHz	Annual	Worldwide Coverage**	$4,633,769.18
AIS- 32768/16384- PEB50-1YP	FSS/SCPC or TDMA Service 32768 x 16384 Kbps (=/< 72 MHz Power Equivalent Bandwidth Service)	=/< 72 MHz	Annual	Worldwide Coverage**	$6,301,926.08
AIS- 32768/16384- PEB100-1YP	FSS/SCPC or TDMA Service 32768x 16384 Kbps (=/< 96 MHz Power Equivalent Bandwidth Service)	=/< 96 MHz	Annual	Worldwide Coverage**	$8,570,619.48
AIS-HNANA	NORTH AMERICA – HOST NATION AGREEMENTS	N/A	Each	NORTH AMERICA	$14,826.20
AIS-HNACSA	CENTRAL/SOUTH AMERICA HOST NATION AGREEMENTS	N/A	Each	CENTRAL/ SOUTH AMERICA (ATLANTIC OCEAN REGION - AOR)	$30,151.13
AIS-HNAEU	EUROPE AMERICA HOST NATION AGREEMENTS	N/A	Each	EUROPE	$58,488.66
AIS- HNAMEA	MIDDLE EAST/AFRICA HOST NATION AGREEMENTS	N/A	Each	MIDDLE EAST / AFRICA (INDIAN OCEAN REGION - IOR)	$106,095.72
AIS-HNAAP	ASIA/PACIFIC HOST NATION AGREEMENTS	N/A	Each	ASIA (PACIFIC OCEAN REGION- POR)	$53,727.96

****Worldwide Coverage: NA, CA, SA, AOR, CARIB, AFR, EUR, ME, SWA, SEA, NWA, NEA, IOR, POR, OCEANIA)**

USA COMMITMENT TO PROMOTE SMALL BUSINESS PARTICIPATION PROCUREMENT PROGRAMS

PREAMBLE

(AIS Engineering, 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 **(Genesta Guirty, (301)585-1238, gguirty@aisengineering.com, (301) 585-3261).**

BEST VALUE
BLANKET PURCHASE AGREEMENT
FEDERAL SUPPLY SCHEDULE

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

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.

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

OFFICE	POINT OF CONTACT
_____	_____

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

(7) 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.

(8) 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.

(9) 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 or 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.