AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST
INFORMATION TECHNOLOGY SCHEDULE PRICELIST
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY
EQUIPMENT, SOFTWARE AND SERVICES

SPECIAL ITEM NUMBER 132-8 PURCHASE OF NEW EQUIPMENT

FSC CLASS 5820 - RADIO AND TELEVISION COMMUNICATION EQUIPMENT, EXCEPT AIRBORNE

Two-Way Radio Transmitters/Receivers/Antennas
Broadcast Band Radio Transmitters/Receivers/Antennas
Microwave Radio Equipment/Antennas and Waveguides
Satellite Communications Equipment

FSC CLASS 5895 - MISCELLANEOUS COMMUNICATION EQUIPMENT

Miscellaneous Communications Equipment

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

SIN 132-51 INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES

FPDS Code D301	IT Facility Operation and Maintenance
FPDS Code D302	IT Systems Development Services
FPDS Code D306	IT Systems Analysis Services
FPDS Code D307	Automated Information Systems Design and Integration Services
FPDS Code D308	Programming Services
FPDS Code D310	IT Backup and Security Services
FPDS Code D311	IT Data Conversion Services
FPDS Code D399	Other Information Technology Services, Not Elsewhere Classified

SPECIAL ITEM NUMBER 132-52 Electronic Commerce and Subscription Services

Includes value added network services, e-mail services, Internet access services, electronic subscription services, data transmission services, and emerging electronic commerce technologies.

SPECIAL ITEM NUMBER 132-54 COMMERCIAL SATELLITE COMMUNICATIONS (COMSATCOM) TRANSPONDED CAPACITY – FPDS CODE D304

Includes dedicated bandwidth and power on a commercial satellite in any commercially available COMSATCOM frequency band, including, but not limited to, L-, S-, C-, X-, Ku-, extended Ku, Ka-, and UHF.

SPECIAL ITEM NUMBER 132-55 COMMERCIAL SATELLITE COMMUNICATIONS (COMSATCOM) SUBSCRIPTION SERVICES – FPDS CODE D304

Includes pre-existing, pre-engineered Fixed Satellite Service and/or Mobile Satellite Service solutions, typically including shared satellite resources and contractor-specified equipment, in any commercially available COMSATCOM frequency band, including, but limited to, L-, S-, C-, X-, Ku-, extended Ku, Ka-, and UHF.

UltiSat, Inc. d/b/a Speedcast Government
708 Quince Orchard Blvd, Suite 120
Gaithersburg, MD 20878
Phone: 240-243-5100
Internet Address: **www.speedcastgov.com**

Contract Number: GS-35F-0068Y

Period Covered by Contract: November 18, 2011 – November 17, 2021

Pricelist current through proposed Modification PS-0037
Proposed Pricelist effective November 15, 2017

General Services Administration
Federal Acquisition Service
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 Acquisition Service's Home Page via the Internet at http://www.gsa.gov/fas

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

TERMS AND CONDITIONS

1. **List of Speedcast Government's awarded special item numbers:**

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

   - *Special Item No. 132-51 Information Technology Professional Services*

   - *Special Item No. 132-52 Electronic Commerce and Subscription Services*

   - *Special Item No.132-55 Commercial Satellite Communications, (COMSATCOM) Subscription Services*

   - *Special Item No.132-54 Commercial Satellite Communications, (COMSATCOM) Transponded Capacity*

   Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one (1), exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer should show the range of the lowest price, and cite the areas to which the prices apply. (See Price Sheet).

   If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate "Not applicable" for this item. The substitution of education and skill category descriptions are on pages 16 and 26.

2. **Maximum order: (All dollar amounts are exclusive of any discount for prompt payment.) For the following Special Item Numbers (SINs) the Maximum order is $500,000:**

   - Special Item No. 132-8 Purchase of Equipment

   - Special Item No. 132-51 Information Technology Professional Services

   - Special Item No. 132-52 Electronic Commerce and Subscription Services

   - Special Item No.132-55 Commercial Satellite Communications, (COMSATCOM) Subscription Service

   - Special Item No.132-54 Commercial Satellite Communications, (COMSATCOM) Transponded Capacity

3. **Minimum order:**

Minimum order is $100

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

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

Offerors are requested to check one of the following boxes:

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

5. **Point of production (city, county, and State or foreign country)**

   UltiSat, Inc. d/b/a Speedcast Government
   708 Quince Orchard Blvd, Suite 120
   Gaithersburg, MD 20878

6. **Discount from list prices or statement of net price:**
Prices shown are NET Prices; Basic Discounts have been deducted.

7. **Quantity discounts**
   a. *New Equipment (132-8): All new equipment purchase pricing is based on quantity discounts as defined in the following table.*

Equipment (132-8) Quantity	Discount Compared to Unit Quantity
10	2.5%
25	5%
50	7.5%
100	10%

   b. *Quantity discounts for C, Ku, and X-band capacity (in MHz) vary according to the following table:*

Amount of Capacity (MHz)	Discount Compared to 1MHz
1-10	0%
10-36	5%
36.0-72.0	10%
>72.0	15%

   c. *Dollar Volume:*

Item (SIN #) Description	Single Task Order Award Value	Discount to be Applied
Transponded Capacity (132-54) – All CLINS	≥ $300,000	*1%*
Transponded Capacity (132-54) – All CLINS	≥ $500,000	*2%*
Transponded Capacity (132-54) – All CLINS	≥ $700,000	*3%*
Subscription Services (132-55) – All CLINS	≥ $3,000,000	*1%*
Subscription Services (132-55) – All CLINS	≥ $5,000,000	*2%*

   d. *Government Educational Institutions - same discount offered all Government customers.*

8. **Prompt payment terms:**

Prompt payment term is: None

9. **Government Purchase Card:**

- The Government purchase Card will be accepted for payment on orders equal to or below the micro-purchase threshold.
- The Government purchase Card may be accepted for payment on orders above the micro-purchase threshold.

10. Foreign items (list items by country of origin) Trade Agreement Act

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

11. Time of delivery (Contractor inserts number of days)

SPECIAL ITEM NUMBER	DELIVERY TIME (Days ARO)
132-8	30 - 45 Days
132-51	As negotiated
132-52	As negotiated
132-54	15 Days or as determined between contractor and ordering activity
132-55	15 Days or as determined between contractor and ordering activity

12. Expedited Delivery

The Contractor will insert the sentence "Items available for expedited delivery are noted in this price list." under this heading. The Contractor may use a symbol of its choosing to highlight items in its price lists that have expedited delivery. Expedited delivery is available subject to specific equipment and quantities to be ordered.

13. Overnight and 2-day delivery

The Contractor will indicate whether overnight and 2-day delivery is available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery. As negotiated on the task order level.

14. **Urgent Requirements**

The Contractor will note in its price list the "Urgent Requirements" clause of its contract and advise agencies that they can also contact the Contractor's representative for a faster delivery. When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, ordering activities are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering activity, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

    a. *SIN 132-54 and SIN 132-55, ACCELERATED SERVICE DELIVERY (7 calendar days or less):* the time required for COMSATCOM services to be available after order award. Under Accelerated Service Task Orders, service acceptance testing, unless otherwise required by the satellite provider or host nation, shall be deferred until Ordering Activity operations permit.

    b. *SIN 132-54 and SIN 132-55, TIME-CRITICAL DELIVERY (4 hours or less):* the time required for COMSATCOM services to be available after order award. Under Time-Critical Task Orders, service acceptance testing unless otherwise required by the satellite provider or host nation shall be deferred until Ordering Activity operations permit. Time-Critical Delivery shall be predicated on the availability of COMSATCOM transponded capacity (contracted bandwidth and power, pre-arranged Host Nation Agreements, frequency clearance) or COMSATCOM subscription services (bandwidth, terminals, network resources, etc.).

    c. *For SIN 132-54 and SIN 132-55, EXTENDED SERVICE DELIVERY TIMES:* the time required under extenuating circumstances for COMSATCOM services to be available after order award. Such extenuating circumstances may include extended time required for host nation agreements or landing rights, or other time intensive service delivery requirements as defined in the individual requirement. Any such extended delivery times will be negotiated between the Ordering Activity and Contractor.

15. **F.O.B. point:**

Destination

16. **Ordering address:**

    UltiSat, Inc. d/b/a Speedcast Government
    708 Quince Orchard Blvd, Suite 120
    Gaithersburg, MD 20878
    Email: FCSA@speedcastgov.com

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

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

- FAR 8.405-2 Ordering procedures for services requiring a statement of work.

18. **Payment address**

        UltiSat, Inc. d/b/a Speedcast Government
        708 Quince Orchard Blvd, Suite 120
        Gaithersburg, MD 20878
        Email: FCSA_payments@speedcastgov.com

19. **Warranty provision:**

Standard Commercial Warranty

20. **Export packing charges, if applicable:**

Export packing on new equipment is available for deliveries destined for international locations.

21. **Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level):**

None

22. **Terms and conditions of rental, maintenance, and repair:**

Not Applicable

23. **Terms and conditions of installation - The Davis-Bacon Act (40 U.S.C. 276a-276a-7)**

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

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

24. **Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices:**
Not Applicable

25. **Terms and conditions for any other services:**
Not Applicable

26. **List of service and distribution points:**
Not Applicable

27. **List of participating dealers:**
Not Applicable

28. **Preventive maintenance:**
Not Applicable

29. **Special attributes such as environmental attributes:**
Not Applicable

30. **If applicable, Section 508 compliance information on the supplies and services in this contract are available in Electronic and Information Technology (EIT) at the following:**

UltiSat Inc., d/b/a Speedcast Government
708 Quince Orchard Blvd, Suite 120
Gaithersburg, MD 20878
Email: FCSA@speedcastgov.com

31. **Data Universal Number System (DUNS) number:**
127541360

32. **Notification regarding registration in the System for Award Management (SAM.gov)**
CAGE Code:
3H9E0

33. **MATERIAL AND WORKMANSHIP**

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

34. **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.

35. **TRANSPORTATION OF EQUIPMENT / FOB DESTINATION**

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

36. **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:

Most of Speedcast Government's products are self-installable following instructions in the operating manuals provided with each equipment item. Certain new equipment items may require Speedcast Government support for specialized installations aboard vehicles, vessels or aircraft. For this type of installation support, Speedcast Government personnel are available at a man-day rate of $850 per day.

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 receive less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds $2,000, then the requirements of the Davis-Bacon Act apply.

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

c.   **OPERATING AND MAINTENANCE MANUALS**.

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

37. 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.

38. 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.

All SIN 132-54 Transponded Capacity and SIN 132-55 Subscription Services are warranted per the specific Service Level Agreement (SLA) required by each task order for the term of the capacity or subscription service term. All new equipment prices included a standard twelve month warranty from "ready-to-ship" date.

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

> UltiSat, Inc. d/b/a Speedcast Government
> 708 Quince Orchard Blvd, Suite 120
> Gaithersburg, MD 20878

39. 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.

40. 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.

41. 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 INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES (SPECIAL ITEM NUMBER 132-51)

42. **SCOPE**

a.   The prices, terms and conditions stated under Special Item Number 132-51 Information Technology Professional Services apply exclusively to IT Professional Services within the scope of this Information Technology Schedule.

b.   The Contractor shall provide services at the Contractor's facility and/or at the ordering activity location, as agreed to by the Contractor and the ordering activity.

43. **PERFORMANCE INCENTIVES I-FSS-60 Performance Incentives (April 2000)**

a.   Performance incentives may be agreed upon between the Contractor and the ordering activity on individual fixed price orders or Blanket Purchase Agreements under this contract.

b.   The ordering activity must establish a maximum performance incentive price for these services and/or total solutions on individual orders or Blanket Purchase Agreements.

c.   Incentives should be designed to relate results achieved by the contractor to specified targets. To the maximum extent practicable, ordering activities shall consider establishing incentives where performance is critical to the ordering activity's mission and incentives are likely to motivate the contractor. Incentives shall be based on objectively measurable tasks.

44. **ORDER**

a.   Agencies may use written orders, EDI orders, blanket purchase agreements, individual purchase orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 (Deviation – May 2003) Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.

b.   All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

45. **PERFORMANCE OF SERVICES**

a.   The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity.

b.   The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.

c.   The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Services shall be completed in a good and workmanlike manner.

d.   Any Contractor travel required in the performance of IT Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts.

46. **STOP-WORK ORDER (FAR 52.242-15) (AUG 1989)**

(a)   The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a

stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either-

    (1)   Cancel the stop-work order; or

    (2)   Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.

(b)   If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if-

    (1)   The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and

    (2)   The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.

(c)   If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d)   If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

47. INSPECTION OF SERVICES
In accordance with FAR 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (MAR 2009) (DEVIATION I - FEB 2007) for Firm-Fixed Price orders and FAR 52.212-4 CONTRACT TERMS AND CONDITIONS -COMMERCIAL ITEMS (MAR 2009) (ALTERNATE I - OCT 2008) (DEVIATION I – FEB 2007) applies to Time-and-Materials and Labor-Hour Contracts orders placed under this contract.

48. RESPONSIBILITIES OF THE CONTRACTOR
The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the end product of a task order is software, then FAR 52.227-14 (Dec 2007) Rights in Data – General, may apply.

49. RESPONSIBILITIES OF THE ORDERING ACTIVITY
Subject to security regulations, the ordering activity shall permit Contractor access to all facilities necessary to perform the requisite IT Professional Services.

50. INDEPENDENT CONTRACTOR
All IT Professional Services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

51. ORGANIZATIONAL CONFLICTS OF INTEREST
a.   Definitions.

    "Contractor" means the person, firm, unincorporated association, joint venture, partnership, or corporation that is a party to this contract.

"Contractor and its affiliates" and "Contractor or its affiliates" refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants and any joint venture involving the Contractor, any entity into or with which the Contractor subsequently merges or affiliates, or any other successor or assignee of the Contractor.

An "Organizational conflict of interest" exists when the nature of the work to be performed under a proposed ordering activity contract, without some restriction on ordering activities by the Contractor and its affiliates, may either (i) result in an unfair competitive advantage to the Contractor or its affiliates or (ii) impair the Contractor's or its affiliates' objectivity in performing contract work.

b.   To avoid an organizational or financial conflict of interest and to avoid prejudicing the best interests of the ordering activity, ordering activities may place restrictions on the Contractors, its affiliates, chief executives, directors, subsidiaries and subcontractors at any tier when placing orders against schedule contracts. Such restrictions shall be consistent with FAR 9.505 and shall be designed to avoid, neutralize, or mitigate organizational conflicts of interest that might otherwise exist in situations related to individual orders placed against the schedule contract. Examples of situations, which may require restrictions, are provided at FAR 9.508.

52. INVOICES
The Contractor, upon completion of the work ordered, shall submit invoices for IT Professional services. Progress payments may be authorized by the ordering activity on individual orders if appropriate. Progress payments shall be based upon completion of defined milestones or interim products. Invoices shall be submitted monthly for recurring services performed during the preceding month.

53. PAYMENTS
For firm-fixed price orders the ordering activity shall pay the Contractor, upon submission of proper invoices or vouchers, the prices stipulated in this contract for service rendered and accepted. Progress payments shall be made only when authorized by the order.

For time-and-materials orders, the Payments under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to time-and-materials orders placed under this contract.

For labor-hour orders, the Payment under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to labor-hour orders placed under this contract. 52.216-31(Feb 2007) Time-and-Materials/Labor-Hour Proposal Requirements—Commercial Item Acquisition. As prescribed in 16.601(e) (3), insert the following provision:

(a) The Government contemplates award of a Time-and-Materials or Labor-Hour type of contract resulting from this solicitation.

(b) The offeror must specify fixed hourly rates in its offer that include wages, overhead, general and administrative expenses, and profit. The offeror must specify whether the fixed hourly rate for each labor category applies to labor performed by—

(1) The offeror;

(2) Subcontractors; and/or

(3) Divisions, subsidiaries, or affiliates of the offeror under a common control.

54. RESUMES
Resumes shall be provided to the GSA Contracting Officer or the user ordering activity upon request.

55. INCIDENTAL SUPPORT COSTS

Incidental support costs are available outside the scope of this contract. The costs will be negotiated separately with the ordering activity in accordance with the guidelines set forth in the FAR.

56. APPROVAL OF SUBCONTRACTS

The ordering activity may require that the Contractor receive, from the ordering activity's Contracting Officer, written consent before placing any subcontract for furnishing any of the work called for in a task order.

57. SUBSTITUTIONS

Speedcast Government reserves the right to make the following substitutions in the education and/or experience requirements of any of the service skill categories set forth herein.

GED or vocational degree = high school diploma

AS/AA degree = two (2) yrs. general experience

BS/BA = four (4) yrs. general experience

MS/MA = three (3) yrs. general experience

Ph.D. = two (2) yrs. general experience

Example: For MS/MA degree, the substitution would be BS/BA + three (3) yrs. of general experience.

58. DESCRIPTION OF IT PROFESSIONAL SERVICES AND PRICING

a.   The Contractor shall provide a description of each type of IT Service offered under Special Item Numbers 132-51 IT Professional Services should be presented in the same manner as the Contractor sells to its commercial and other ordering activity customers. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.

b.   Pricing for all IT Professional Services shall be in accordance with the Contractor's customary commercial practices; e.g., hourly rates, monthly rates, term rates, and/or fixed prices, minimum general experience and minimum education.

SCA Matrix		
SCA Eligible Contract Labor Category	**SCA Equivalent Code Title**	**WD Number**
Administrative 1	01311 - Secretary I	2015-2103
Administrative 2	01312 - Secretary II	2015-2103
"The Service Contract Act (SCA) is applicable to this contract and it includes SCA applicable labor categories. The prices for the indicated (**) SCA labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCA matrix. The prices awarded are in line with thegeographic scope of the contract (i.e. nationwide). "		

TERMS AND CONDITIONS APPLICABLE TO ELECTRONIC COMMERCE AND SUBSCRIPTION SERVICES (SPECIAL IDENTIFICATION NUMBER 132-52)

59. **SCOPE**

The prices, terms and conditions stated under Special Item Number 132-52 Electronic Commerce (EC) Services apply exclusively to EC Services within the scope of this Information Technology Schedule.

60. **ELECTRONIC COMMERCE CAPACITY AND COVERAGE**

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

61. **INFORMATION ASSURANCE**

a.   The Ordering Activity is responsible for ensuring to the maximum extent practicable that each requirement issued is in compliance with the Federal Information Security Management Act (FISMA)

b.   The Ordering Activity shall assign an impact level (per Federal Information Processing Standards Publication 199 & 200 (FIPS 199, "Standards for Security Categorization of Federal Information and Information Systems") (FIPS 200, "Minimum Security Requirements for Federal Information and Information Systems") 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. The Contractor awarded SIN 132-52 is capable of meeting at least the minimum security requirements assigned against a low-impact information system (per FIPS 200).

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

62. **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, Page 8 – Section 17 Ordering Procedures and Page 18 – Section 64.

63. **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.

64. **ORDER**

a.   Agencies may use written orders, EDI orders, blanket purchase agreements, individual purchase orders, or task orders for ordering electronic services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all electronic services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 (Deviation May 2003) Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.

b.   All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

65. PERFORMANCE OF ELECTRONIC SERVICES

The Contractor shall provide electronic services on the date agreed to by the Contractor and the ordering activity.

66. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character.

67. RIGHTS IN DATA

The Contractor shall comply FAR 52.227-14 RIGHTS IN DATA – GENERAL and with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character.

68. ACCEPTANCE TESTING

If requested by the ordering activity the Contractor shall provide acceptance test plans and procedures for ordering activity approval. The Contractor shall perform acceptance testing of the systems for ordering activity approval in accordance with the approved test procedures.

69. WARRANTY

The Contractor shall provide a warranty covering each Contractor-provided electronic commerce service. The minimum duration of the warranty shall be the duration of the manufacturer's commercial warranty for the item listed below:

The warranty shall commence upon the later of the following:

a.   Activation of the user's service

b.   Installation/delivery of the equipment

The Contractor, by repair or replacement of the defective item, shall complete all warranty services within five working days of notification of the defect. Warranty service shall be deemed complete when the user has possession of the repaired or replaced item. If the Contractor renders warranty service by replacement, the user shall return the defective item(s) to the Contractor as soon as possible but not later than ten (10) working days after notification.

70. MANAGEMENT AND OPERATIONS PRICING

The Contractor shall provide management and operations pricing on a uniform basis. All management and operations requirements for which pricing elements are not specified shall be provided as part of the basic service.

TRAINING
The Contractor shall provide normal commercial installation, operation, maintenance, and engineering interface training on the system. If there is a separate charge, indicate below:

71. MONTHLY REPORTS

In accordance with commercial practices, the Contractor may furnish the ordering activity/user with a monthly summary ordering activity report.

TERMS AND CONDITIONS APPLICABLE TO COMMERCIAL SATELLITE COMMUNICATIONS (COMSATCOM) TRANSPONDED CAPACITY (SPECIAL ITEM NUMBER 132-54) AND COMMERCIAL SATELLITE COMMUNICATIONS (COMSATCOM) SUBSCRIPTION SERVICES (SPECIAL ITEM NUMBER 132-55)

72. **COMSATCOM CAPACITY AND COVERAGE**

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

73. **INFORMATION ASSURANCE**

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."

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 132-54 and/or 132-55 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 DoDI 8500.2).

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.

74. **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,* Page 8 – Section 17 Ordering Procedures.

75. **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

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[1] For example, one-year of service for a transponder valued at $1M/year is traded for six-months of service on a transponder valued at $2M/year.

predefined infrastructure, and movement of Network Operations Center (NOC) services from one NOC to another NOC.

76. 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.

77. 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.

78. 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 132-54 and/or 132-55 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.

79. 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.

80. 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.

81. THIRD PARTY BILLING FOR COMSATCOM SUBSCRIPTION SERVICES

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[2] For example, one-year of service on a less efficient arrangement of contractor resources is traded for nine-months of services on a more efficient arrangement of contractor resources that provides an operational efficiency to the Ordering Activity's customers.

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.

82. **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.

83. **CONTRACT CLAUSES**

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

84. **DESCRIPTION OF COMSATCOM SERVICES AND PRICING:**

SIN 132-54: Speedcast Government offers dedicated, non-preemptible transponded capacity on commercial communications satellites to enable end users to interconnect remote locations using reliable satellite links. This COMSATCOM Transponded Capacity refers to satellite bandwidth and power only and includes the necessary engineering and analysis required to develop the link budgets and transmission plans required to enable the government to use the capacity with industry standard satellite equipment. The transponded capacity includes management of the satellite and capacity according to Government requirements. We also provide training as needed to enable end users to effectively utilize the transponded capacity.

Speedcast Government's non-preemptible capacity is available to meet short-term or long-term needs with durations from as short as a week to as long as five years. It is available with coverage in multiple regions of the world and can be procured in increments as small as 1MHz or in quantities as large as multiple transponders. Transponded capacity from Speedcast Government has the following characteristics:

- Frequency bands including C, Ku-band, and X-band

- Coverage is available worldwide including Europe, Africa, Southwest Asia, CONUS, the 50 United States, Latin/South America, and the PacRim using global, hemi, regional and spot beams.

- Portability is provided subject to availability of capacity at the time of the request.

- Information Assurance with at least MAC III per National Institute of Standards and Technology (NIST) Special Publication (SP) 800-53, "*Recommended Security Controls for Federal Information Systems and Organizations*," DoD Instruction (DoDI) 8500.2, "*Information Assurance Implementation.*"

- Transponded capacity is provided to the greatest extent possible on commercial satellites that comply with the Department of Defense Directive (DoDD) 8581.1, "*Information Assurance (IA) Policy for Space Systems Used by the Department of Defense*

Speedcast Government supports bandwidth portability, when available, that will allow users to access different satellites, beams or transponders in different regions in order to fulfill changing mission requirements.

SIN 132-55: Speedcast Government offers fixed (FSS) and mobile (MSS) satellite subscription services on commercial communications satellites to enable end users to interconnect remote locations using reliable satellite links. We provide all of the satellite capacity, teleport services, and terrestrial interconnections required to provide the services. Equipment for these subscriptions can be purchased from Speedcast Government under SIN 132-8. These pre-engineered services include 24x7 monitoring and maintenance support and are available in data rates ranging from 64kbps up to 45Mbps and greater as required. These services can be delivered for supporting single users at remote locations or for supporting large multi-site networks with hundreds of users at each site. Voice, data, video, and Internet services are supportable with our subscription services.

Speedcast Government's FSS subscription services are pre-engineered as private networks for each customer provisioned on our comprehensive network infrastructure that includes:

- Multiple platforms, including TDMA, DVB-S2 and SCPC networks

- Space segment, fiber and cable access

- Teleport facilities; access to C-, Ku, Ka-, X-, and L-band services

- Regional parts and spares depots

- In-the-field support personnel.

Speedcast Government's subscription services are engineered to provide availability greater than 98% with TDMA services configured to provide committed information rates (CIR) with no oversubscription on the return channels and only a 2:1 contention ratio on the forward carrier. FSS subscription services include network management for every element of the service including the equipment, space-segment, and teleport and fiber backhauls. Our HQ NOC in Gaithersburg, MD is interconnected to our teleport infrastructure around the globe to enable monitor and control of all our service elements. We provide our customers with access to near real-time status and performance information via trouble tickets and reports in XML and Excel formats.

Speedcast Government offers MSS Subscription Services for customer missions in remote or harsh locations with little or no infrastructure, where accessing the home network or Internet can be difficult, even impossible. By partnering with the world's best providers of mobile satellite systems, Speedcast Government offers a full range of portable satellite systems and handheld terminals for land and maritime use including:

- Inmarsat BGAN for simultaneous voice and broadband data

- Inmarsat IsatPhone for voice and SMS services

- Iridium Satellite Phone for voice with coverage including polar-regions

- Iridium Beam with options for docking stations

- Thuraya Satellite Phone for voice and SMS Services

- Thuraya IP for broadband data

Speedcast Government offers ship-to-ship, ship-to-shore, and shore-to-ship communications, and offshore platforms for legacy and IP applications. Using Inmarsat and Iridium, Speedcast Government provides flexible, robust, and secure solutions that support both IP and circuit-switched voice and broadband data applications. From communications within a fleet and back to HQ onshore to vessel monitoring requirements and crew morale, Speedcast Government supports voice, email, fax, and data transmission in all offshore environments leveraging the following MSS technologies.

- Inmarsat FleetBroadband for simultaneous voice, fax and broadband data

- Iridium OpenPort for voice and low-rate data

- Iridium Beam with options for docking stations

Speedcast Government also offers subscription-based data communications services for asset tracking, management and remote control. These services are based on the Orbcomm fleet of low-earth orbit satellites and small hardware devices that are attached to the asset to be tracked or managed.

Speedcast Government supports portability, when available, that will allow multi-band terminal operators to access different satellites, networks or beams in different regions in order to fulfill changing mission requirements.

All Speedcast Government schedule products and services are supported by our 24x7 NOC in Gaithersburg, MD and our worldwide network of Field Service Representatives (FSRs) who can maintain and repair network equipment. Our NOC services include telephone lines, email and Internet access for customer service inquiries and technical support.

SIN 132-8: Speedcast Government offers new COMSATCOM equipment for use with transponded capacity and subscription services to enable end users to interconnect remote locations using reliable commercial satellite links. All equipment is covered by a 12-month minimum warranty and Speedcast Government provides maintenance and repair services according to industry best practices.

Speedcast Government offers the following industry standard equipment for use with transponded capacity or its fixed satellite subscription services.

- Fixed VSATs (C, Ku, or Ka-band)
- Integrated Flyaway terminals (Ku or X-band)
- Compact, multiband (Ku and X-band) flyaway terminals
- Man-portable, auto-deploy Ku-band terminals
- Ultra-lightweight quick deploy terminals (Ku or X-band)
- Vehicle-based Ku-band or X-band terminals for Comms-on-the-Move
- Integrated, compact combination vehicle/flyaway terminals (Ku, Ka, or X-band)
- Airborne Platforms (Ku, Ka, or X-band) for fixed wing, rotary wing or UAVs
- Stabilized Platforms (C, Ku, Ka or X-band) for maritime vessels

Speedcast Government offers the following industry standard equipment for use with mobile satellite subscription services.

- VIPkit Land Mobile Terminals
- BGAN Land Mobile Terminals
- BGAN On-the-Move Terminals
- FleetBroadband Maritime Terminals
- Inmarsat IsatPhones
- Iridium Satellite Phones
- Iridium Beam Terminals
- Iridium OpenPort Terminals
- Thuraya Satellite Phones

- Thuraya IP Terminals

- Orbcomm Data Tracking Devices

Speedcast Government offers iDirect remote modem equipment to enable end users to change their equipment configurations and easily access our subscription services using their existing VSAT terminals. We also offer iDirect hub equipment components.

In addition, Speedcast Government offers MERC Lite satcom trailer that will provide a mobile communication network with a small climate controlled office space. The MERC Lite is a small, but powerful mobile power and communication trailer that is designed to provide a fully operational voice, data, and radio network within minutes of deployment. This tactical trailer is compact enough to be towed by most standard vehicles, airlifted, or loaded in a transport plane for delivery. The MERC Lite can be deployed in areas where larger command center trailers and vehicles cannot travel and is suitable for densely populated urban areas with narrow streets and limited parking.

AWARDED RATES FOR SIN 132.52 - INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES / LABOR CATEGORY DESCRIPTIONS

Labor Category	Labor Category Description for SIN 132-51
Administrative 1**	Responsible for developing, drafting, writing and editing reports, briefs, proposals, and other documents in support of a client's requirements. (b) Interfaces with personnel to coordinate meetings, maintain logs, records and files, provides end-user support, and performs general administrative duties. (c) Assists in budgetary, billing, and financial management. (d) Responsible for preparing and/or maintaining systems, programming and operations documentation, procedures and methods, including user reference manuals. Education/Certifications: HS - Years of Experience: 1
Administrative 2**	Increasing responsibility for developing, drafting, writing and editing reports, briefs, proposals, and other documents in support of a client's requirements. (b) Interfaces with personnel to coordinate meetings, maintain logs, records and files, provides end-user support, and performs general administrative duties. (c) Assists in budgetary, billing, and financial management. (d) Responsible for preparing and/or maintaining systems, programming and operations documentation, procedures and methods, including user reference manuals. Education/Certifications: HS - Years of Experience: 5
Analyst 1	Supports the planning, organizing, and conducting research in a variety of areas, such as new or existing products, science, social science, law or business, etc. in support of an IT initiative. Analyzes complex systems, operations and processes for the purpose of effecting improvements and efficiencies. Breaks complex systems or problems into major and minor components, identifies the interrelationships between components and processes and identifies major strengths and weaknesses. Employs a thorough knowledge of testing methodology to perform interoperability testing and field acceptance testing of communications systems. Uses diagnostic equipment to analyze and troubleshoot the systems and equipment. Applies expert knowledge of testing methodology to develop and review test plans and procedures for specific test efforts. Performs Quality Assurance and acceptance testing of networks, systems, and equipment. Conducts systems analysis of complex network management software components/modules to isolate, identify, and resolve malfunctions and / or integration problems. Prepares and presents written or oral reports and/ or briefings summarizing project/task progress and provides technical information and recommendations to U.S. government supervisor/project chief. Education/Certifications: BA/BS - Years of Experience: 1

Labor Category	Labor Category Description for SIN 132-51
Analyst 2	Plans, organizes, and conducts research in a variety of areas, such as new or existing products, science, social science, law or business, etc. in support of an IT initiative. Analyzes complex systems, operations and processes for the purpose of effecting improvements and efficiencies. Breaks complex systems or problems into major and minor components, identifies the interrelationships between components and processes and identifies major strengths and weaknesses. Employs a thorough knowledge of testing methodology to perform interoperability testing and field acceptance testing of communications systems. Uses diagnostic equipment to analyze and troubleshoot the systems and equipment. Applies expert knowledge of testing methodology to develop and review test plans and procedures for specific test efforts. Performs Quality Assurance and acceptance testing of networks, systems, and equipment. Conducts systems analysis of complex network management software components/modules to isolate, identify, and resolve malfunctions and / or integration problems. Prepares and presents written or oral reports and/ or briefings summarizing project/task progress and provides technical information and recommendations to U.S. government supervisor/project chief. Education/Certifications: BA/BS - Years of Experience: 4
Analyst 3	Leads the planning, organizing, and conducting research in a variety of areas, such as new or existing products, science, social science, law or business, etc. in support of an IT initiative. Analyzes complex systems, operations and processes for the purpose of effecting improvements and efficiencies. Breaks complex systems or problems into major and minor components, identifies the interrelationships between components and processes and identifies major strengths and weaknesses. Employs a thorough knowledge of testing methodology to perform interoperability testing and field acceptance testing of communications systems. Uses diagnostic equipment to analyze and troubleshoot the systems and equipment. Applies expert knowledge of testing methodology to develop and review test plans and procedures for specific test efforts. Performs Quality Assurance and acceptance testing of networks, systems, and equipment. Conducts systems analysis of complex network management software components/modules to isolate, identify, and resolve malfunctions and / or integration problems. Prepares and presents written or oral reports and/ or briefings summarizing project/task progress and provides technical information and recommendations to U.S. government supervisor/project chief. Education/Certifications: BA/BS - Years of Experience: 8
Budget Analyst	Assists in performing financial and administrative functions. Individual performs various budget functions involving the formulation, justification, and/or execution of budgets for organizations, programs, or projects. Performs Functional Economic Analysis (FEA) to evaluate the costs of alternative ways to accomplish functional objectives. The FEA states investment costs, benefits and risks as a net change to the functional baseline cost, the cost of doing business now and in the future. Ensures that cross-functional, security and other integration issues are addressed. Also the analyst shall be able to examine the budget estimates or proposals for accuracy, precision, and completeness. They also confirm conformance with conventional procedures, policies, and organizational objectives. Additionally, budget analysts may employ cost-benefit analysis to assess program tradeoffs, review financial requests, and explore alternative funding methods. Education/Certifications: BA/BS - Years of Experience: 2

Labor Category	Labor Category Description for SIN 132-51
Systems Analyst 1	Supports the design, development, testing and evaluation of computer based systems and analysis and design of business applications on complex, large-scale systems. Knowledge of state-of-the-art storage and retrieval methods is required, as well as the ability to formulate specifications for computer programmers to use in coding, testing, debugging of computer software. Develop plans for IT systems from project inception to conclusion. Defines the problem, and develops system requirements and program specifications. Applies institutional network management and system analysis knowledge to integrate system hardware and software. Resolves systemic problems by performing application and operating system program debugging and testing, and schedules upgrade implementation of software with programmers, systems analysts and functional users to enhance network and system capability and operations. Installs and configures software operating systems, and U.S. Proprietary network operations application software. Responds to customer trouble calls to diagnose, restore, and reconfigure system interoperability. Education/Certifications: BA/BS - Years of Experience: 1
Systems Analyst 2	Responsible for the design, development, testing and evaluation of computer based systems and analysis and design of business applications on complex, large-scale systems. Knowledge of state-of-the-art storage and retrieval methods is required, as well as the ability to formulate specifications for computer programmers to use in coding, testing, debugging of computer software. Develop plans for IT systems from project inception to conclusion. Defines the problem, and develops system requirements and program specifications. Applies institutional network management and system analysis knowledge to integrate system hardware and software. Resolves systemic problems by performing application and operating system program debugging and testing, and schedules upgrade implementation of software with programmers, systems analysts and functional users to enhance network and system capability and operations. Installs and configures software operating systems, and U.S. Proprietary network operations application software. Responds to customer trouble calls to diagnose, restore, and reconfigure system interoperability. Education/Certifications: BA/BS - Years of Experience: 4
Systems Analyst 3	Lead efforts in the design, development, testing and evaluation of computer based systems and analysis and design of business applications on complex, large-scale systems. Knowledge of state-of-the-art storage and retrieval methods is required, as well as the ability to formulate specifications for computer programmers to use in coding, testing, debugging of computer software. Develop plans for IT systems from project inception to conclusion. Defines the problem, and develops system requirements and program specifications. Applies institutional network management and system analysis knowledge to integrate system hardware and software. Resolves systemic problems by performing application and operating system program debugging and testing, and schedules upgrade implementation of software with programmers, systems analysts and functional users to enhance network and system capability and operations. Installs and configures software operating systems, and U.S. Proprietary network operations application software. Responds to customer trouble calls to diagnose, restore, and reconfigure system interoperability. Education/Certifications: BA/BS - Years of Experience: 8

Labor Category	Labor Category Description for SIN 132-51
Systems Engineer 1	Supports analysis related to the design, development, and integration of hardware, software, man-machine interfaces and all system level requirements to provide an integrated IT solution. Develops integrated system test requirement, strategies, devices and systems. Directs overall system level testing. Analyzes current business and IT strategies, helps the organization determine its future technical and business architecture, designs architectures to support the requirements, and develops transition plans for designing and deploying an enterprise application and technology architecture to enable the organization to achieve its business goals. Analyzes information requirements, evaluates problems in workflow, organization, and planning and develops appropriate corrective actions. Provides daily supervision and direction to technical staff. Designs enterprise information processing systems. Designs and develops solutions to business problems and user requirements. Analyzes design and solution alternatives for tradeoffs and cost/benefit. Applies knowledge of commercially available hardware, software and standards to the design analysis. Provides specialized expertise within multiple systems, software disciplines, as well as general knowledge of related disciplines, applications implications, and customer areas. Responsible for performing in-depth analysis and technical support of systems software products, including complex problem resolution, design, development, testing, operational integration, and user support. Assists in the planning and conversion for new hardware/software products. Maintains currency, debugs and configures related software products. Provides operating systems planning and evaluation for performance analysis, capacity planning and hardware upgrades. Works from specifications to develop or modify operating systems applications. Education/Certifications: BA/BS - Years of Experience: 1
Systems Engineer 2	Provides analysis related to the design, development, and integration of hardware, software, man-machine interfaces and all system level requirements to provide an integrated IT solution. Develops integrated system test requirement, strategies, devices and systems. Directs overall system level testing. Analyzes current business and IT strategies, helps the organization determine its future technical and business architecture, designs architectures to support the requirements, and develops transition plans for designing and deploying an enterprise application and technology architecture to enable the organization to achieve its business goals. Analyzes information requirements, evaluates problems in workflow, organization, and planning and develops appropriate corrective actions. Provides daily supervision and direction to technical staff. Designs enterprise information processing systems. Designs and develops solutions to business problems and user requirements. Analyzes design and solution alternatives for tradeoffs and cost/benefit. Applies knowledge of commercially available hardware, software and standards to the design analysis. Provides specialized expertise within multiple systems, software disciplines, as well as general knowledge of related disciplines, applications implications, and customer areas. Responsible for performing in-depth analysis and technical support of systems software products, including complex problem resolution, design, development, testing, operational integration, and user support. Assists in the planning and conversion for new hardware/software products. Maintains currency, debugs and configures related software products. Provides operating systems planning and evaluation for performance analysis, capacity planning and hardware upgrades. Works from specifications to develop or modify operating systems applications. Education/Certifications: BA/BS - Years of Experience: 4

Labor Category	Labor Category Description for SIN 132-51
Systems Engineer 3	Lead efforts in the analysis related to the design, development, and integration of hardware, software, man-machine interfaces and all system level requirements to provide an integrated IT solution. Develops integrated system test requirement, strategies, devices and systems. Directs overall system level testing. Analyzes current business and IT strategies, helps the organization determine its future technical and business architecture, designs architectures to support the requirements, and develops transition plans for designing and deploying an enterprise application and technology architecture to enable the organization to achieve its business goals. Analyzes information requirements, evaluates problems in workflow, organization, and planning and develops appropriate corrective actions. Provides daily supervision and direction to technical staff. Designs enterprise information processing systems. Designs and develops solutions to business problems and user requirements. Analyzes design and solution alternatives for tradeoffs and cost/benefit. Applies knowledge of commercially available hardware, software and standards to the design analysis. Provides specialized expertise within multiple systems, software disciplines, as well as general knowledge of related disciplines, applications implications, and customer areas. Responsible for performing in-depth analysis and technical support of systems software products, including complex problem resolution, design, development, testing, operational integration, and user support. Assists in the planning and conversion for new hardware/software products. Maintains currency, debugs and configures related software products. Provides operating systems planning and evaluation for performance analysis, capacity planning and hardware upgrades. Works from specifications to develop or modify operating systems applications. Education/Certifications: BA/BS - Years of Experience: 8
Functional Analyst 1	Supports the analysis of user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Analyzes and provides recommendations on issues dealing with system and operational architectures. Coordinates with user community representatives throughout all phases of development concerning requirements definition, clarification, prioritization, and alternatives. Applies emerging doctrine and tactics, to system design and development. Assesses the impact of programmatic and technical options on stated user requirements and doctrine. Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Responds to complex application problems involving all phases of systems analysis to provide IA solutions. Provides technical support for secure software development and integration tasks, including the review of work products for correctness, adherence to the design concept and to user standards. Expert knowledge of IA application products and IA-enabling products such as PKI, VPN, Firewalls, Vulnerability Management tools, Intrusion Protection Systems, etc. Analyzes and recommends resolution of IA problems based on knowledge of the major IA products and services, an understanding of their limitations, and an expert knowledge of the disciplines of IA. Education/Certifications: BA/BS - Years of Experience: 1

Labor Category	Labor Category Description for SIN 132-51
Functional Analyst 2	Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Analyzes and provides recommendations on issues dealing with system and operational architectures. Coordinates with user community representatives throughout all phases of development concerning requirements definition, clarification, prioritization, and alternatives. Applies emerging doctrine and tactics, to system design and development. Assesses the impact of programmatic and technical options on stated user requirements and doctrine. Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Responds to complex application problems involving all phases of systems analysis to provide IA solutions. Provides technical support for secure software development and integration tasks, including the review of work products for correctness, adherence to the design concept and to user standards. Expert knowledge of IA application products and IA-enabling products such as PKI, VPN, Firewalls, Vulnerability Management tools, Intrusion Protection Systems, etc. Analyzes and recommends resolution of IA problems based on knowledge of the major IA products and services, an understanding of their limitations, and an expert knowledge of the disciplines of IA. Education/Certifications: BA/BS - Years of Experience: 4
Functional Analyst 3	Leads the analysis of user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Analyzes and provides recommendations on issues dealing with system and operational architectures. Coordinates with user community representatives throughout all phases of development concerning requirements definition, clarification, prioritization, and alternatives. Applies emerging doctrine and tactics, to system design and development. Assesses the impact of programmatic and technical options on stated user requirements and doctrine. Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Responds to complex application problems involving all phases of systems analysis to provide IA solutions. Provides technical support for secure software development and integration tasks, including the review of work products for correctness, adherence to the design concept and to user standards. Expert knowledge of IA application products and IA-enabling products such as PKI, VPN, Firewalls, Vulnerability Management tools, Intrusion Protection Systems, etc. Analyzes and recommends resolution of IA problems based on knowledge of the major IA products and services, an understanding of their limitations, and an expert knowledge of the disciplines of IA. Education/Certifications: BA/BS - Years of Experience: 8

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Functional Analyst 4	Possess thorough expert knowledge in the analysis of user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Analyzes and provides recommendations on issues dealing with system and operational architectures. Coordinates with user community representatives throughout all phases of development concerning requirements definition, clarification, prioritization, and alternatives. Applies emerging doctrine and tactics, to system design and development. Assesses the impact of programmatic and technical options on stated user requirements and doctrine. Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Responds to complex application problems involving all phases of systems analysis to provide IA solutions. Provides technical support for secure software development and integration tasks, including the review of work products for correctness, adherence to the design concept and to user standards. Expert knowledge of IA application products and IA-enabling products such as PKI, VPN, Firewalls, Vulnerability Management tools, Intrusion Protection Systems, etc. Analyzes and recommends resolution of IA problems based on knowledge of the major IA products and services, an understanding of their limitations, and an expert knowledge of the disciplines of IA. Education/Certifications: BA/BS - Years of Experience: 12
IA/Intelligence Analyst 1	Supports the analysis, design, and development of security features for system architectures. Analyzes and defines security requirements for computer systems which may include mainframes, workstations, and personal computers. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance-related technical problems and provides basic engineering and technical support in solving these problems. Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle. Analyzes and resolves INFOSEC technical problems. Supports the integration of INFOSEC solutions and technologies into networks with particular attention to protocols, interfaces, and system design. Includes system engineering; electrical design, software engineering; program design and implementation; configuration management; or maintenance. Individuals apply the disciplines of Computer Security necessary to perform Information System Security Audits; Information System Security Assessments; Risk Management Plans; Security architectures; Information system security policies and procedures guides; Information system accreditations and certifications; Command and Control Protect plans and policies; Continuity of Operations Plans (COOP); and, Installation and maintenance of information system security products and services. Review, analyze, and coordinate development of information assurance policy, doctrine, directives, and regulations, and implementation of instructions. Apply a broad knowledge of principles, practices, and procedures of information security to include policy development, risk and vulnerability assessments, testing, and certification activities in support of accreditation, awareness training, documentation, and dissemination of information. Configure solutions that correct existing security problems. Conduct vulnerability testing of security product suites. At Senior level, provide technical work leadership and direction to lower-level analysts. Education/Certifications: BA/BS - Years of Experience: 1

Labor Category	Labor Category Description for SIN 132-51
IA/Intelligence Analyst 2	Performs analysis, design, and development of security features for system architectures. Analyzes and defines security requirements for computer systems which may include mainframes, workstations, and personal computers. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance-related technical problems and provides basic engineering and technical support in solving these problems. Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle. Analyzes and resolves INFOSEC technical problems. Supports the integration of INFOSEC solutions and technologies into networks with particular attention to protocols, interfaces, and system design. Includes system engineering; electrical design, software engineering; program design and implementation; configuration management; or maintenance. Individuals apply the disciplines of Computer Security necessary to perform Information System Security Audits; Information System Security Assessments; Risk Management Plans; Security architectures; Information system security policies and procedures guides; Information system accreditations and certifications; Command and Control Protect plans and policies; Continuity of Operations Plans (COOP); and, Installation and maintenance of information system security products and services. Review, analyze, and coordinate development of information assurance policy, doctrine, directives, and regulations, and implementation of instructions. Apply a broad knowledge of principles, practices, and procedures of information security to include policy development, risk and vulnerability assessments, testing, and certification activities in support of accreditation, awareness training, documentation, and dissemination of information. Configure solutions that correct existing security problems. Conduct vulnerability testing of security product suites. At Senior level, provide technical work leadership and direction to lower-level analysts. Education/Certifications: BA/BS - Years of Experience: 4
IA/Intelligence Analyst 3	Lead efforts in the analysis, design, and development of security features for system architectures. Analyzes and defines security requirements for computer systems which may include mainframes, workstations, and personal computers. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance-related technical problems and provides basic engineering and technical support in solving these problems. Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle. Analyzes and resolves INFOSEC technical problems. Supports the integration of INFOSEC solutions and technologies into networks with particular attention to protocols, interfaces, and system design. Includes system engineering; electrical design, software engineering; program design and implementation; configuration management; or maintenance. Individuals apply the disciplines of Computer Security necessary to perform Information System Security Audits; Information System Security Assessments; Risk Management Plans; Security architectures; Information system security policies and procedures guides; Information system accreditations and certifications; Command and Control Protect plans and policies; Continuity of Operations Plans (COOP); and, Installation and maintenance of information system security products and services. Review, analyze, and coordinate development of information assurance policy, doctrine, directives, and regulations, and implementation of instructions. Apply a broad knowledge of principles, practices, and procedures of

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	information security to include policy development, risk and vulnerability assessments, testing, and certification activities in support of accreditation, awareness training, documentation, and dissemination of information. Configure solutions that correct existing security problems. Conduct vulnerability testing of security product suites. At Senior level, provide technical work leadership and direction to lower-level analysts. Education/Certifications: BA/BS - Years of Experience: 8
IA/Intelligence Analyst 4	Possess thorough expert knowledge in the analysis, design, and development of security features for system architectures. Analyzes and defines security requirements for computer systems which may include mainframes, workstations, and personal computers. Designs, develops, engineers, and implements solutions that meet security requirements. Provides integration and implementation of the computer system security solution. Analyzes general information assurance-related technical problems and provides basic engineering and technical support in solving these problems. Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle. Analyzes and resolves INFOSEC technical problems. Supports the integration of INFOSEC solutions and technologies into networks with particular attention to protocols, interfaces, and system design. Includes system engineering; electrical design, software engineering; program design and implementation; configuration management; or maintenance. Individuals apply the disciplines of Computer Security necessary to perform Information System Security Audits; Information System Security Assessments; Risk Management Plans; Security architectures; Information system security policies and procedures guides; Information system accreditations and certifications; Command and Control Protect plans and policies; Continuity of Operations Plans (COOP); and, Installation and maintenance of information system security products and services. Review, analyze, and coordinate development of information assurance policy, doctrine, directives, and regulations, and implementation of instructions. Apply a broad knowledge of principles, practices, and procedures of information security to include policy development, risk and vulnerability assessments, testing, and certification activities in support of accreditation, awareness training, documentation, and dissemination of information. Configure solutions that correct existing security problems. Conduct vulnerability testing of security product suites. At Senior level, provide technical work leadership and direction to lower-level analysts. Education/Certifications: BA/BS - Years of Experience: 12
Logistician 1	Supports configuration management planning. Describes provisions for configuration identification, change control, configuration status accounting and configuration audits. Responsible for configuration planning. Identifies and maintains the original configuration of requirements documentation, design documentation, software, and related documentation. Responsible for configuration change control. Regulates the change process so that only approved and validated changes are incorporated into product documents and related software. Responsible for configuration status accounting. Tracks all problems and changes in product documents and software and reports changes and current configuration. Responsible for configuration audits. Supports audits to verify that requirements of all baselines have been met by the as-built software. Supports software quality assurance process audits. Must be familiar with the principles of purchasing, handling, control and transportation of material and other property. Performs tasks in

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	support of logistics projects. Develops, upgrades and improves systems for tracking and reporting material, material handling procedures and scheduling. Directs and supervises other Logistics Analysts or logisticians. Education/Certifications: HS - Years of Experience: 3
Logistician 2	Responsible for configuration management planning. Describes provisions for configuration identification, change control, configuration status accounting and configuration audits. Responsible for configuration planning. Identifies and maintains the original configuration of requirements documentation, design documentation, software, and related documentation. Responsible for configuration change control. Regulates the change process so that only approved and validated changes are incorporated into product documents and related software. Responsible for configuration status accounting. Tracks all problems and changes in product documents and software and reports changes and current configuration. Responsible for configuration audits. Supports audits to verify that requirements of all baselines have been met by the as-built software. Supports software quality assurance process audits. Must be familiar with the principles of purchasing, handling, control and transportation of material and other property. Performs tasks in support of logistics projects. Develops, upgrades and improves systems for tracking and reporting material, material handling procedures and scheduling. Directs and supervises other Logistics Analysts or logisticians. Education/Certifications: BA/BS - Years of Experience: 2
Logistician 3	Leads configuration management planning. Describes provisions for configuration identification, change control, configuration status accounting and configuration audits. Responsible for configuration planning. Identifies and maintains the original configuration of requirements documentation, design documentation, software, and related documentation. Responsible for configuration change control. Regulates the change process so that only approved and validated changes are incorporated into product documents and related software. Responsible for configuration status accounting. Tracks all problems and changes in product documents and software and reports changes and current configuration. Responsible for configuration audits. Supports audits to verify that requirements of all baselines have been met by the as-built software. Supports software quality assurance process audits. Must be familiar with the principles of purchasing, handling, control and transportation of material and other property. Performs tasks in support of logistics projects. Develops, upgrades and improves systems for tracking and reporting material, material handling procedures and scheduling. Directs and supervises other Logistics Analysts or logisticians. Education/Certifications: BA/BS - Years of Experience: 4

Labor Category	Labor Category Description for SIN 132-51
Network Engineer 1	Support efforts in the planning, investigation, design, and implementation of physical and logical communications solutions having network-wide impact. Responsible for TCP/IP data network infrastructure devices (Cisco and other routers, Ethernet switches, and Checkpoint and other firewalls), satellite terminal network infrastructure, and fixed network infrastructure. Configures and maintains network monitoring tools, for graphing and displaying network utilization statistics. Provides results of network traffic analysis to government managers as required. Customizes data collection and analysis software to produce specialized reports as requested. Participates in planning and execution of long-term projects, network expansion and integration with other networks. Produces documentation of network configuration and in maintaining existing documentation to accurately reflect the current state of the network. Has experience in planning, analysis, design, testing, and troubleshooting of satellite networks and related systems. Possesses experience in solving system problems and workflow organization and planning. Is able to install, operate and test software and hardware and is proficient with the use of various types of satellite communications test equipment. Has experience in developing architectures, designs and network systems. Has experience in the application of ATMs, controller, devices, routers, bridges, firewalls, frame relay and DISN, proxy servers, DNS, token-rings, fiber optics, hubs, and gateways. Knowledge of UNIX, AIX, Novell and Microsoft Windows NT operating systems and their configuration roles in a variety of network arrangements. Provides assistance and oversight for all information systems operations activities, including computer and telecommunications/communications operations, data entry, data control, LAN/MAN/WAN administration and operations support, operating systems programming, system security policy procedures, and/or web strategy and operations. Supervises complex operations that involve two or more additional functions such as, but not limited to, network operations, systems security, systems software support, and production support activities. Monitors and responds to hardware, software, and network problems. Provides the routine testing and analysis of all elements of the network facilities (including power, software, communications machinery, lines, modems, and terminals. Utilizes software and hardware tools and identifies and diagnoses complex problems and factors affecting network performance. Troubleshoots network systems when necessary and makes improvements to the network. Education/Certifications: HS - Years of Experience: 2

Labor Category	Labor Category Description for SIN 132-51
Network Engineer 2	Responsible for the planning, investigation, design, and implementation of physical and logical communications solutions having network-wide impact. Responsible for TCP/IP data network infrastructure devices (Cisco and other routers, Ethernet switches, and Checkpoint and other firewalls), satellite terminal network infrastructure, and fixed network infrastructure. Configures and maintains network monitoring tools, for graphing and displaying network utilization statistics. Provides results of network traffic analysis to government managers as required. Customizes data collection and analysis software to produce specialized reports as requested. Participates in planning and execution of long-term projects, network expansion and integration with other networks. Produces documentation of network configuration and in maintaining existing documentation to accurately reflect the current state of the network. Has experience in planning, analysis, design, testing, and troubleshooting of satellite networks and related systems. Possesses experience in solving system problems and workflow organization and planning. Is able to install, operate and test software and hardware and is proficient with the use of various types of satellite communications test equipment. Has experience in developing architectures, designs and network systems. Has experience in the application of ATMs, controller, devices, routers, bridges, firewalls, frame relay and DISN, proxy servers, DNS, token-rings, fiber optics, hubs, and gateways. Knowledge of UNIX, AIX, Novell and Microsoft Windows NT operating systems and their configuration roles in a variety of network arrangements. Provides assistance and oversight for all information systems operations activities, including computer and telecommunications/communications operations, data entry, data control, LAN/MAN/WAN administration and operations support, operating systems programming, system security policy procedures, and/or web strategy and operations. Supervises complex operations that involve two or more additional functions such as, but not limited to, network operations, systems security, systems software support, and production support activities. Monitors and responds to hardware, software, and network problems. Provides the routine testing and analysis of all elements of the network facilities (including power, software, communications machinery, lines, modems, and terminals. Utilizes software and hardware tools and identifies and diagnoses complex problems and factors affecting network performance. Troubleshoots network systems when necessary and makes improvements to the network. Education/Certifications: BA/BS - Years of Experience: 2

Labor Category	Labor Category Description for SIN 132-51
Network Engineer 3	Lead efforts in the planning, investigation, design, and implementation of physical and logical communications solutions having network-wide impact. Responsible for TCP/IP data network infrastructure devices (Cisco and other routers, Ethernet switches, and Checkpoint and other firewalls), satellite terminal network infrastructure, and fixed network infrastructure. Configures and maintains network monitoring tools, for graphing and displaying network utilization statistics. Provides results of network traffic analysis to government managers as required. Customizes data collection and analysis software to produce specialized reports as requested. Participates in planning and execution of long-term projects, network expansion and integration with other networks. Produces documentation of network configuration and in maintaining existing documentation to accurately reflect the current state of the network. Has experience in planning, analysis, design, testing, and troubleshooting of satellite networks and related systems. Possesses experience in solving system problems and workflow organization and planning. Is able to install, operate and test software and hardware and is proficient with the use of various types of satellite communications test equipment. Has experience in developing architectures, designs and network systems. Has experience in the application of ATMs, controller, devices, routers, bridges, firewalls, frame relay and DISN, proxy servers, DNS, token-rings, fiber optics, hubs, and gateways. Knowledge of UNIX, AIX, Novell and Microsoft Windows NT operating systems and their configuration roles in a variety of network arrangements. Provides assistance and oversight for all information systems operations activities, including computer and telecommunications/communications operations, data entry, data control, LAN/MAN/WAN administration and operations support, operating systems programming, system security policy procedures, and/or web strategy and operations. Supervises complex operations that involve two or more additional functions such as, but not limited to, network operations, systems security, systems software support, and production support activities. Monitors and responds to hardware, software, and network problems. Provides the routine testing and analysis of all elements of the network facilities (including power, software, communications machinery, lines, modems, and terminals. Utilizes software and hardware tools and identifies and diagnoses complex problems and factors affecting network performance. Troubleshoots network systems when necessary and makes improvements to the network. Education/Certifications: BA/BS - Years of Experience: 4

Labor Category	Labor Category Description for SIN 132-51
Network Engineer 4	Possess thorough expert knowledge in the planning, investigation, design, and implementation of physical and logical communications solutions having network-wide impact. Responsible for TCP/IP data network infrastructure devices (Cisco and other routers, Ethernet switches, and Checkpoint and other firewalls), satellite terminal network infrastructure, and fixed network infrastructure. Configures and maintains network monitoring tools, for graphing and displaying network utilization statistics. Provides results of network traffic analysis to government managers as required. Customizes data collection and analysis software to produce specialized reports as requested. Participates in planning and execution of long-term projects, network expansion and integration with other networks. Produces documentation of network configuration and in maintaining existing documentation to accurately reflect the current state of the network. Has experience in planning, analysis, design, testing, and troubleshooting of satellite networks and related systems. Possesses experience in solving system problems and workflow organization and planning. Is able to install, operate and test software and hardware and is proficient with the use of various types of satellite communications test equipment. Has experience in developing architectures, designs and network systems. Has experience in the application of ATMs, controller, devices, routers, bridges, firewalls, frame relay and DISN, proxy servers, DNS, token-rings, fiber optics, hubs, and gateways. Knowledge of UNIX, AIX, Novell and Microsoft Windows NT operating systems and their configuration roles in a variety of network arrangements. Provides assistance and oversight for all information systems operations activities, including computer and telecommunications/communications operations, data entry, data control, LAN/MAN/WAN administration and operations support, operating systems programming, system security policy procedures, and/or web strategy and operations. Supervises complex operations that involve two or more additional functions such as, but not limited to, network operations, systems security, systems software support, and production support activities. Monitors and responds to hardware, software, and network problems. Provides the routine testing and analysis of all elements of the network facilities (including power, software, communications machinery, lines, modems, and terminals. Utilizes software and hardware tools and identifies and diagnoses complex problems and factors affecting network performance. Troubleshoots network systems when necessary and makes improvements to the network. Education/Certifications: BA/BS - Years of Experience: 8
Program Manager 1	Organize, direct, and coordinate planning and implementation of all contract support activities. Interface with government personnel. Formulate and review project feasibility studies, determine costs, ensure conformance to work standards. Interpret policies, purposes, and goals of the organizations for subordinates. Identify, acquire and utilize company resources to achieve project technical objectives. Manages multiple tasks, contracts or projects involving a team of personnel for each. Responsible for the overall day-to-day contract management, including interfacing and coordinating with customer and employee personnel on progress, schedules, and budgets. Gives direction and guidance to employee personnel based on project objectives and requirements. Responsible for formulating and enforcing work standards, assigning contractor schedules, reviewing work discrepancies, supervising contractor personnel and communicating policies, purposes, and goals of the organization to subordinates. The Program Manager is responsible for overall contract performance and shall not serve in any other capacity under this contract. The Program Manager position may also be used to support functions included under the

Labor Category	Labor Category Description for SIN 132-51
	Performance Work Program Manager controls company resources and funds, and has authority to negotiate and make binding decisions for the company. Education/Certifications: BA/BS - Years of Experience: 1
Program Manager 2	Organize, direct, and coordinate planning and implementation of all contract support activities. Interface with government personnel. Formulate and review project feasibility studies, determine costs, ensure conformance to work standards. Interpret policies, purposes, and goals of the organizations for subordinates. Identify, acquire and utilize company resources to achieve project technical objectives. Manages multiple tasks, contracts or projects involving a team of personnel for each. Responsible for the overall day-to-day contract management, including interfacing and coordinating with customer and employee personnel on progress, schedules, and budgets. Gives direction and guidance to employee personnel based on project objectives and requirements. Responsible for formulating and enforcing work standards, assigning contractor schedules, reviewing work discrepancies, supervising contractor personnel and communicating policies, purposes, and goals of the organization to subordinates. The Program Manager is responsible for overall contract performance and shall not serve in any other capacity under this contract. The Program Manager position may also be used to support functions included under the Performance Work Program Manager controls company resources and funds, and has authority to negotiate and make binding decisions for the company. Education/Certifications: BA/BS - Years of Experience: 4
Program Manager 3	Organize, direct, and coordinate planning and implementation of all contract support activities. Interface with government personnel. Formulate and review project feasibility studies, determine costs, ensure conformance to work standards. Interpret policies, purposes, and goals of the organizations for subordinates. Identify, acquire and utilize company resources to achieve project technical objectives. Manages multiple tasks, contracts or projects involving a team of personnel for each. Responsible for the overall day-to-day contract management, including interfacing and coordinating with customer and employee personnel on progress, schedules, and budgets. Gives direction and guidance to employee personnel based on project objectives and requirements. Responsible for formulating and enforcing work standards, assigning contractor schedules, reviewing work discrepancies, supervising contractor personnel and communicating policies, purposes, and goals of the organization to subordinates. The Program Manager is responsible for overall contract performance and shall not serve in any other capacity under this contract. The Program Manager position may also be used to support functions included under the Performance Work Program Manager controls company resources and funds, and has authority to negotiate and make binding decisions for the company. Education/Certifications: BA/BS - Years of Experience: 8
Program Specialist 1	Supports program management support to engineering staff. Support includes project scheduling, financial management, briefing, coordination and graphic presentation. Works in conjunction with project staff to assist with the implementation of programs and projects. Duties include planning, developing, implementing and evaluating programs and projects, coordinating project activities, collaborating with project team members, developing measurable project goals and objectives, and monitoring progress toward achievement. Provides a variety of administrative and logistical services to support meetings, workshops,

Labor Category	Labor Category Description for SIN 132-51
	conferences, and or training events, Manage various forms of data, Organize and input data from a variety of workshops, presentations, and consultations, Create spreadsheets to capture data and manipulate data into reports. Assist with data research and analysis, Additional duties as assigned Education/Certifications: HS - Years of Experience: 2
Program Specialist 2	Provides program management support to engineering staff. Support includes project scheduling, financial management, briefing, coordination and graphic presentation. Works in conjunction with project staff to assist with the implementation of programs and projects. Duties include planning, developing, implementing and evaluating programs and projects, coordinating project activities, collaborating with project team members, developing measurable project goals and objectives, and monitoring progress toward achievement. Provides a variety of administrative and logistical services to support meetings, workshops, conferences, and or training events, Manage various forms of data, Organize and input data from a variety of workshops, presentations, and consultations, Create spreadsheets to capture data and manipulate data into reports. Assist with data research and analysis, Additional duties as assigned Education/Certifications: HS - Years of Experience: 5
Project Representative	Plans, technically directs, and evaluates projects or major phases of significant ongoing projects, coordinating the efforts of Senior Computer System Specialists, Senior ADP Analysts, Systems Engineers, and Engineering Technicians. Writes technical papers on system performance issues, and performs technical research. Works in conjunction with project staff to assist with the implementation of programs and projects. Duties include planning, developing, implementing and evaluating programs and projects, coordinating project activities, collaborating with project team members, developing measurable project goals and objectives, and monitoring progress toward achievement. Typical duties include: Prepare agendas for meetings, Document key decisions and collaborate with team members to develop project collateral materials, Write and disseminate work plans and project documents, including procedures, proposals, progress reports and presentations, Develop and monitor tasks/action items, Review of documents and correspondence (policies, procedures, memorandums), Prepare budgets and contracts, Prepare schedules and milestones, Implements and coordinates policies and programs covering all areas of maintenance and system integration. Performs analysis, evaluation, implementation, and tracking of Engineering Change Proposals (ECP) IAW military standards and specifications to include configuration of aviation support equipment. Provides formal and informal technical training to technicians and operators, both in garrison and in a tactical environment. Education/Certifications: HS - Years of Experience: 5
Site Manager	Organizes and directs network installations on site surveys. Assesses and documents current site network configuration and user requirements. Designs and optimizes network topologies. Directs and leads preparation of engineering plans and site installation Technical Design Packages. Develops installation schedules. Mobilizes network installation team. Directs and leads preparation of drawings documenting configuration changes at each site. Prepares site installation and test reports. Coordinates post

Labor Category	Labor Category Description for SIN 132-51
	installation operations and maintenance support. Education/Certifications: BA/BS - Years of Experience: 8
Subject Matter Expert 1	Subject Matter Expert for specific applications, programs, systems, capabilities, functions, or devices. Provides technical, managerial, and administrative direction for problem definition, analysis, requirements development and implementation for complex systems in the relevant subject matter area. Assists senior staff with analysis and evaluation and with the preparation of recommendations for system improvements, optimization, development, and/or maintenance efforts. Makes recommendations and advises on organization-wide system improvements, optimization or maintenance efforts in the following specialties: information systems architecture; TCP/IP internetworking; IPv6; satellite communications; QOS; VoIP; video teleconferencing systems; tactical communications systems; automation; risk management/electronic analysis; life-cycle management; and modeling and simulation. Provides expert support, analysis and research into exceptionally complex problems, and processes relating to the subject matter. Serves as technical expert on project teams providing technical direction, interpretation and alternatives. Provides technical knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems that need extensive knowledge of the subject matter for effective implementation. Expertise is in a subject matter area including at least one of the following: Information Systems Architecture, Telecommunications Systems Design, Architecture or Implementation, Information Systems Integration, Software Development Methodologies, Security Engineering, or Communications and Network Systems Management. Education/Certifications: BA/BS - Years of Experience: 2
Subject Matter Expert 2	Possess expert knowledge of specific applications, programs, systems, capabilities, functions, or devices. Provides technical, managerial, and administrative direction for problem definition, analysis, requirements development and implementation for complex systems in the relevant subject matter area. Assists senior staff with analysis and evaluation and with the preparation of recommendations for system improvements, optimization, development, and/or maintenance efforts. Makes recommendations and advises on organization-wide system improvements, optimization or maintenance efforts in the following specialties: information systems architecture; TCP/IP internetworking; IPv6; satellite communications; QOS; VoIP; video teleconferencing systems; tactical communications systems; automation; risk management/electronic analysis; life-cycle management; and modeling and simulation. Provides expert support, analysis and research into exceptionally complex problems, and processes relating to the subject matter. Serves as technical expert on project teams providing technical direction, interpretation and alternatives. Provides technical knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems that need extensive knowledge of the subject matter for effective implementation. Expertise is in a subject matter area including at least one of the following: Information Systems Architecture, Telecommunications Systems Design, Architecture or Implementation, Information Systems Integration, Software Development Methodologies, Security

Labor Category	Labor Category Description for SIN 132-51
	Engineering, or Communications and Network Systems Management. Education/Certifications: MA/MS - Years of Experience: 4
Subject Matter Expert 3	Possess thorough expert knowledge of specific applications, programs, systems, capabilities, functions, or devices. Provides technical, managerial, and administrative direction for problem definition, analysis, requirements development and implementation for complex systems in the relevant subject matter area. Assists senior staff with analysis and evaluation and with the preparation of recommendations for system improvements, optimization, development, and/or maintenance efforts. Makes recommendations and advises on organization-wide system improvements, optimization or maintenance efforts in the following specialties: information systems architecture; TCP/IP internetworking; IPv6; satellite communications; QOS; VoIP; video teleconferencing systems; tactical communications systems; automation; risk management/electronic analysis; life-cycle management; and modeling and simulation. Provides expert support, analysis and research into exceptionally complex problems, and processes relating to the subject matter. Serves as technical expert on project teams providing technical direction, interpretation and alternatives. Provides technical knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems that need extensive knowledge of the subject matter for effective implementation. Expertise is in a subject matter area including at least one of the following: Information Systems Architecture, Telecommunications Systems Design, Architecture or Implementation, Information Systems Integration, Software Development Methodologies, Security Engineering, or Communications and Network Systems Management. Education/Certifications: MA/MS - Years of Experience: 8
Telecommunications Specialist 1	Supports projects that specialize in site surveys and documents current site telecommunications configuration and user requirements. Designs and optimizes telecommunications topologies. Directs and leads development of engineering installation packages. Develops on-site installation schedules. Mobilizes telecommunications installation team. Directs and leads documentation of the configuration changes at each site. Proficient in using common test equipment (e.g. digital test sets, oscilloscopes, spectrum analyzers). Proficient in testing communications equipment/systems and following standard test procedures. Must be proficient at trouble-shooting problems with telecommunications equipment to include system interfaces. Demonstrates excellence in information technology development, enterprise performance management, and business architecture design. Responsible for providing technical leadership, planning and management oversight to a technical team in delivery of strategic information systems. Has broad knowledge in one or more areas of the telecommunications, internetworking, and data systems network arenas, and may have specialized knowledge in one or more of the following areas: routing and switching infrastructures, transport technologies, network management, Internet protocol (IP) telephony integration, basic network security and Internet service provider (ISP)/dial-up technologies—for computer telephony integration (CTI) and/or video, voice, and data converged networks. Education/Certifications: HS - Years of Experience: 2

Labor Category	Labor Category Description for SIN 132-51
Telecommunications Specialist 2	Responsible for projects that specialize in Performs site surveys and documents current site telecommunications configuration and user requirements. Designs and optimizes telecommunications topologies. Directs and leads development of engineering installation packages. Develops on-site installation schedules. Mobilizes telecommunications installation team. Directs and leads documentation of the configuration changes at each site. Proficient in using common test equipment (e.g. digital test sets, oscilloscopes, spectrum analyzers). Proficient in testing communications equipment/systems and following standard test procedures. Must be proficient at trouble-shooting problems with telecommunications equipment to include system interfaces. Evaluates communication hardware and software, troubleshoots LAN/MAN/WAN and network related problems. Provides technical expertise for performance and configuration of networks. Schedules conversions and cutovers. Oversees network control center. Supervises maintenance of systems. Demonstrates excellence in information technology development, enterprise performance management, and business architecture design. Has broad knowledge in one or more areas of the telecommunications, internetworking, and data systems network arenas, and may have specialized knowledge in one or more of the following areas: routing and switching infrastructures, transport technologies, network management, Internet protocol (IP) telephony integration, basic network security and Internet service provider (ISP)/dial-up technologies—for computer telephony integration (CTI) and/or video, voice, and data converged networks. Education/Certifications: HS - Years of Experience: 4
Telecommunications Specialist 3	Leads projects that specialize in site surveys and documents current site telecommunications configuration and user requirements. Designs and optimizes telecommunications topologies. Directs and leads development of engineering installation packages. Develops on-site installation schedules. Mobilizes telecommunications installation team. Directs and leads documentation of the configuration changes at each site. Proficient in using common test equipment (e.g. digital test sets, oscilloscopes, spectrum analyzers). Proficient in testing communications equipment/systems and following standard test procedures. Must be proficient at trouble-shooting problems with telecommunications equipment to include system interfaces. Evaluates communication hardware and software, troubleshoots LAN/MAN/WAN and network related problems. Provides technical expertise for performance and configuration of networks. Demonstrates excellence in information technology development, enterprise performance management, and business architecture design. Has broad knowledge in one or more areas of the telecommunications, internetworking, and data systems network arenas, and may have specialized knowledge in one or more of the following areas: routing and switching infrastructures, transport technologies, network management, Internet protocol (IP) telephony integration, basic network security and Internet service provider (ISP)/dial-up technologies—for computer telephony integration (CTI) and/or video, voice, and data converged networks. Education/Certifications: HS - Years of Experience: 8

Labor Category	Labor Category Description for SIN 132-51
Telecommunications Specialist 4	Possess thorough expert knowledge in projects that specialize in such areas as Performs site surveys and documents current site telecommunications configuration and user requirements. Designs and optimizes telecommunications topologies. Directs and leads development of engineering installation packages. Develops on-site installation schedules. Mobilizes telecommunications installation team. Directs and leads documentation of the configuration changes at each site. Proficient in using common test equipment (e.g. digital test sets, oscilloscopes, spectrum analyzers). Proficient in testing communications equipment/systems and following standard test procedures. Must be proficient at trouble-shooting problems with telecommunications equipment to include system interfaces.. Evaluates communication hardware and software, troubleshoots LAN/MAN/WAN and network related problems. Provides technical expertise for performance and configuration of networks. Responsible for providing technical leadership, planning and management oversight to a technical team in delivery of strategic information systems. Has broad knowledge in one or more areas of the telecommunications, internetworking, and data systems network arenas, and may have specialized knowledge in one or more of the following areas: routing and switching infrastructures, transport technologies, network management, Internet protocol (IP) telephony integration, basic network security and Internet service provider (ISP)/dial-up technologies—for computer telephony integration (CTI) and/or video, voice, and data converged networks. Education/Certifications: HS - Years of Experience: 12
SW/Application Developer 3	Designs, develops, enhances, debugs, and implements software. Troubleshoots production problems related to software applications. Researches, tests, builds, and coordinates the conversion and/or integration of new products based on client requirements. Designs and develops new software products or major enhancements to existing software. Addresses problems of systems integration, compatibility, and multiple platforms. Consults with project teams and end users to identify application requirements. Performs feasibility analysis on potential future projects to management. Assists in the evaluation and recommendation of application software packages, application integration and testing tools. Resolves problems with software and responds to suggestions for improvements and enhancements. Instructs, assigns, directs, and checks the work of other software developers on development team. Participates in development of software user manuals. Education/Certifications: BA/BS - Years of Experience: 4
SW/Application Developer 4	Leads the design, development, enhancement, debugging, and implementation of software. Troubleshoots production problems related to software applications. Researches, tests, builds, and coordinates the conversion and/or integration of new products based on client requirements. Designs and develops new software products or major enhancements to existing software. Addresses problems of systems integration, compatibility, and multiple platforms. Consults with project teams and end users to identify application requirements. Performs feasibility analysis on potential future projects to management. Assists in the evaluation and recommendation of application software packages, application integration and testing tools. Resolves problems with software and responds to suggestions for improvements and enhancements. Instructs, assigns, directs, and checks the work of other software developers on development team. Participates in development of software user manuals. Education/Certifications: BA/BS - Years of Experience: 8

Labor Category	Labor Category Description for SIN 132-51
Telecom Engineer 1	Supports the operational readiness of digital and analog telecommunications equipment. Manages and directs a variety of engineering activities including system design, modification, development, testing, and failure analysis, on complex telecommunications equipment. Plans and performs the fabrication, testing, inspection, and installation of prototypes, major system modifications, built-in test equipment, and communications and Cryptologic devices. Analyzes and prepares engineering data and specifications for inclusion in equipment installation, diagnostics, maintenance, repair, and operational publications and training material. Designs necessary modifications and special purpose ancillary devices for complicated system applications for the military customer. Provides planning, design, initial fielding, testing, training, emergency maintenance, and repair of complex, special purpose communications systems and equipment. Leads and/or serves as a member of project teams deployed worldwide to install, maintain and upgrade complex electronic mission systems, security systems and antennas. Develops, operates, and maintains voice, wireless, video, and data communications systems. Provides complex engineering or analytical tasks and activities associated with one or more technical areas within the communications function. Evaluates communication hardware and software, troubleshoots LAN/MAN/WAN and other network related problems, provides technical expertise for performance and configuration of networks. Performs general LAN/MAN/WAN administration, provides technical leadership in the integration and test of complex large-scale computer integrated networks. Education/Certifications: BA/BS - Years of Experience: 1
Telecom Engineer 2	Responsible for the operational readiness of digital and analog telecommunications equipment. Manages and directs a variety of engineering activities including system design, modification, development, testing, and failure analysis, on complex telecommunications equipment. Plans and performs the fabrication, testing, inspection, and installation of prototypes, major system modifications, built-in test equipment, and communications and Cryptologic devices. Analyzes and prepares engineering data and specifications for inclusion in equipment installation, diagnostics, maintenance, repair, and operational publications and training material. Designs necessary modifications and special purpose ancillary devices for complicated system applications for the military customer. Provides planning, design, initial fielding, testing, training, emergency maintenance, and repair of complex, special purpose communications systems and equipment. Leads and/or serves as a member of project teams deployed worldwide to install, maintain and upgrade complex electronic mission systems, security systems and antennas. Develops, operates, and maintains voice, wireless, video, and data communications systems. Provides complex engineering or analytical tasks and activities associated with one or more technical areas within the communications function. Evaluates communication hardware and software, troubleshoots LAN/MAN/WAN and other network related problems, provides technical expertise for performance and configuration of networks. Performs general LAN/MAN/WAN administration, provides technical leadership in the integration and test of complex large-scale computer integrated networks. Education/Certifications: BA/BS - Years of Experience: 4

Labor Category	Labor Category Description for SIN 132-51
Telecom Engineer 3	Leads the operational readiness of digital and analog telecommunications equipment. Manages and directs a variety of engineering activities including system design, modification, development, testing, and failure analysis, on complex telecommunications equipment. Plans and performs the fabrication, testing, inspection, and installation of prototypes, major system modifications, built-in test equipment, and communications and Cryptologic devices. Analyzes and prepares engineering data and specifications for inclusion in equipment installation, diagnostics, maintenance, repair, and operational publications and training material. Designs necessary modifications and special purpose ancillary devices for complicated system applications for the military customer. Provides planning, design, initial fielding, testing, training, emergency maintenance, and repair of complex, special purpose communications systems and equipment. Leads and/or serves as a member of project teams deployed worldwide to install, maintain and upgrade complex electronic mission systems, security systems and antennas. Develops, operates, and maintains voice, wireless, video, and data communications systems. Provides complex engineering or analytical tasks and activities associated with one or more technical areas within the communications function. Evaluates communication hardware and software, troubleshoots LAN/MAN/WAN and other network related problems, provides technical expertise for performance and configuration of networks. Performs general LAN/MAN/WAN administration, provides technical leadership in the integration and test of complex large-scale computer integrated networks. Education/Certifications: BA/BS - Years of Experience: 8
Systems Network Monitor/Manager	Plans, directs and coordinates network operation and performance functions to ensure network availability and high quality transmissions. Responsible for personnel and activities involved in monitoring, isolating, resolving and circumventing network problems. Advises management and interfaces with customers concerning problems affecting network performance. Plans implementation of enhancements and upgrades to the network and the acquisition, installation and testing of network hardware and software. Manages resource usage to minimize costs and maximize network availability. Interfaces with users to define present network needs and plan for future requirements. Education/Certifications: BA/BS - Years of Experience: 12
Field Engineer I	Plans, coordinates, and supervises installation, operation, maintenance, and management of telecommunications systems and networks, including radio, switching, cable, and automation equipment. Installs and maintains fixed and mobile satellite systems, including cabling, signal strength evaluation, quality check, and placement of roof and pole mounts. Utilizes electronic test and measurement equipment as required to validate installation and monitor performance of satellite equipment. Uses power or hand tools and operates heavy machinery, as needed, to construct and/or install satellite antennas and related equipment. Routinely works at jobsites not located at the primary place of employment. Maintenance tasks include thorough testing, repair and replacement of system components. Coordinates with support desk personnel and end customers during initial installation and on-site dispatches. Performs detailed site surveys and creates installation procedures and material lists. Responsible for final quality review of satellite equipment installation and maintenance and related documentation. Responsible for resolving service problems; performing maintenance; and installing, configuring and testing communications equipment and services. Troubleshoots hardware using test instruments and monitoring and diagnostic tools. Prepares devices and related equipment for installation by testing, calibrating, or

Labor Category	Labor Category Description for SIN 132-51
	modifying equipment as required. Designs, fabricates, repairs and tests cable assemblies and associated devices IAW established standards and Government-articulated design, fabrication and installation specifications. Place and monitor equipment orders and repair services. Education/Certifications: HS - Years of Experience: 2
Field Engineer 2	Leads the planning, coordination, and installation, operation, maintenance, and management of telecommunications systems and networks, including radio, switching, cable, and automation equipment. Installs and maintains fixed and mobile satellite systems, including cabling, signal strength evaluation, quality check, and placement of roof and pole mounts. Utilizes electronic test and measurement equipment as required to validate installation and monitor performance of satellite equipment. Uses power or hand tools and operates heavy machinery, as needed, to construct and/or install satellite antennas and related equipment. Routinely works at jobsites not located at the primary place of employment. Maintenance tasks include thorough testing, repair and replacement of system components. Coordinates with support desk personnel and end customers during initial installation and on-site dispatches. Performs detailed site surveys and creates installation procedures and material lists. Responsible for final quality review of satellite equipment installation and maintenance and related documentation. Responsible for resolving service problems; performing maintenance; and installing, configuring and testing communications equipment and services. Troubleshoots hardware using test instruments and monitoring and diagnostic tools. Prepares devices and related equipment for installation by testing, calibrating, or modifying equipment as required. Designs, fabricates, repairs and tests cable assemblies and associated devices IAW established standards and Government-articulated design, fabrication and installation specifications. Place and monitor equipment orders and repair services. Education/Certifications: HS - Years of Experience: 5

AWARDED RATES FOR SIN 132-51 – INFORMATION TECHNOLOGY INFORMATION SERVICES

SIN	Service Proposed	Minimum Education / Certification Level	Minimum Years of Experience	Contractor or Customer Facility or Both	GSA Price Time of award - 11/17/2017	GSA Price 11/18/2017 -11/17/2018	GSA Price 11/18/2018 -11/17/2019	GSA Price 11/18/2019 -11/17/2020	GSA Price 11/18/2020 - 11/17/2021
132-51	**Administrative 1****	**HS**	**1**	**Contractor**	**$35.76**	**$36.83**	**$37.94**	**$39.07**	**$40.25**
132-51	**Administrative 2****	**HS**	**5**	**Contractor**	**$41.24**	**$42.48**	**$43.75**	**$45.06**	**$46.42**
132-51	**Analyst 1**	**BA/BS**	**1**	**Contractor**	**$54.10**	**$55.72**	**$57.39**	**$59.11**	**$60.89**
132-51	**Analyst 2**	**BA/BS**	**4**	**Contractor**	**$69.46**	**$71.54**	**$73.69**	**$75.90**	**$78.18**
132-51	**Analyst 3**	**BA/BS**	**8**	**Contractor**	**$85.01**	**$87.56**	**$90.18**	**$92.89**	**$95.68**
132-51	**Budget Analyst**	**BA/BS**	**2**	**Contractor**	**$86.08**	**$88.66**	**$91.32**	**$94.06**	**$96.88**
132-51	**Systems Analyst 1**	**BA/BS**	**1**	**Contractor**	**$72.96**	**$75.15**	**$77.40**	**$79.72**	**$82.11**
132-51	**Systems Analyst 2**	**BA/BS**	**4**	**Contractor**	**$91.20**	**$93.94**	**$96.76**	**$99.66**	**$102.65**
132-51	**Systems Analyst 3**	**BA/BS**	**8**	**Contractor**	**$114.01**	**$117.43**	**$120.95**	**$124.58**	**$128.31**
132-51	**Systems Engineer 1**	**BA/BS**	**1**	**Contractor**	**$110.56**	**$113.88**	**$117.29**	**$120.81**	**$124.44**
132-51	**Systems Engineer 2**	**BA/BS**	**4**	**Contractor**	**$127.14**	**$130.96**	**$134.89**	**$138.93**	**$143.10**
132-51	**Systems Engineer 3**	**BA/BS**	**8**	**Contractor**	**$146.22**	**$150.60**	**$155.12**	**$159.77**	**$164.57**
132-51	**Functional Analyst 1**	**BA/BS**	**1**	**Contractor**	**$77.48**	**$79.81**	**$82.20**	**$84.67**	**$87.21**
132-51	**Functional Analyst 2**	**BA/BS**	**4**	**Contractor**	**$91.15**	**$93.89**	**$96.70**	**$99.61**	**$102.59**
132-51	**Functional Analyst 3**	**BA/BS**	**8**	**Contractor**	**$118.50**	**$122.05**	**$125.72**	**$129.49**	**$133.37**
132-51	**Functional Analyst 4**	**BA/BS**	**12**	**Contractor**	**$154.05**	**$158.67**	**$163.43**	**$168.33**	**$173.38**
132-51	**IA/Intelligence Analyst 1**	**BA/BS**	**1**	**Contractor**	**$66.85**	**$68.86**	**$70.92**	**$73.05**	**$75.24**

SIN	Service Proposed	Minimum Education / Certification Level	Minimum Years of Experience	Contractor or Customer Facility or Both	GSA Price Time of award - 11/17/2017	GSA Price 11/18/2017 -11/17/2018	GSA Price 11/18/2018 -11/17/2019	GSA Price 11/18/2019 -11/17/2020	GSA Price 11/18/2020 - 11/17/2021
132-51	IA/Intelligence Analyst 2	BA/BS	4	Contractor	$84.62	$87.16	$89.78	$92.47	$95.25
132-51	IA/Intelligence Analyst 3	BA/BS	8	Contractor	$105.33	$108.49	$111.74	$115.10	$118.55
132-51	IA/Intelligence Analyst 4	BA/BS	12	Contractor	$136.93	$141.03	$145.27	$149.62	$154.11
132-51	Logistician 1	HS	3	Contractor	$86.08	$88.66	$91.32	$94.06	$96.88
132-51	Logistician 2	BA/BS	2	Contractor	$98.99	$101.96	$105.02	$108.17	$111.42
132-51	Logistician 3	BA/BS	4	Contractor	$113.83	$117.25	$120.77	$124.39	$128.12
132-51	Network Engineer 1	HS	2	Contractor	$89.14	$91.81	$94.57	$97.40	$100.33
132-51	Network Engineer 2	BA/BS	2	Contractor	$104.88	$108.02	$111.26	$114.60	$118.04
132-51	Network Engineer 3	BA/BS	4	Contractor	$120.60	$124.22	$127.95	$131.79	$135.74
132-51	Network Engineer 4	BA/BS	8	Contractor	$138.69	$142.85	$147.14	$151.55	$156.10
132-51	Program Manager 1	BA/BS	1	Contractor	$108.74	$112.00	$115.36	$118.82	$122.38
132-51	Program Manager 2	BA/BS	4	Contractor	$141.36	$145.60	$149.97	$154.47	$159.10
132-51	Program Manager 3	BA/BS	8	Contractor	$183.77	$189.28	$194.96	$200.81	$206.83
132-51	Program Specialist 1	HS	2	Contractor	$50.51	$52.02	$53.58	$55.19	$56.85
132-51	Program Specialist 2	HS	5	Contractor	$63.43	$65.33	$67.29	$69.31	$71.39
132-51	Project Representative	HS	5	Contractor	$50.51	$52.02	$53.58	$55.19	$56.85
132-51	Site Manager	BA/BS	8	Contractor	$140.62	$144.84	$149.19	$153.66	$158.27
132-51	Subject Matter Expert 1	BA/BS	2	Contractor	$133.85	$137.87	$142.01	$146.27	$150.65
132-51	Subject Matter Expert 2	MA/MS	4	Contractor	$167.31	$172.33	$177.50	$182.83	$188.31

SIN	Service Proposed	Minimum Education / Certification Level	Minimum Years of Experience	Contractor or Customer Facility or Both	GSA Price Time of award - 11/17/2017	GSA Price 11/18/2017 -11/17/2018	GSA Price 11/18/2018 -11/17/2019	GSA Price 11/18/2019 -11/17/2020	GSA Price 11/18/2020 - 11/17/2021
132-51	**Subject Matter Expert 3**	MA/MS	8	**Contractor**	$217.51	$224.04	$230.76	$237.68	$244.81
132-51	**Telecommunications Specialist 1**	HS	2	**Contractor**	$62.02	$63.88	$65.79	$67.77	$69.80
132-51	**Telecommunications Specialist 2**	HS	4	**Contractor**	$72.96	$75.15	$77.40	$79.72	$82.11
132-51	**Telecommunications Specialist 3**	HS	8	**Contractor**	$83.91	$86.43	$89.02	$91.69	$94.44
132-51	**Telecommunications Specialist 4**	HS	12	**Contractor**	$103.13	$106.23	$109.41	$112.70	$116.08
132-51	**SW/Application Developer 3**	BA/BS	4	**Contractor**	$91.74	$94.49	$97.32	$100.24	$103.25
132-51	**SW/Application Developer 4**	BA/BS	8	**Contractor**	$107.93	$111.17	$114.50	$117.94	$121.48
132-51	**Telecom Engineer 1**	BA/BS	1	**Contractor**	$96.99	$99.90	$102.89	$105.98	$109.16
132-51	**Telecom Engineer 2**	BA/BS	4	**Contractor**	$129.32	$133.20	$137.20	$141.31	$145.55
132-51	**Telecom Engineer 3**	BA/BS	8	**Contractor**	$184.75	$190.29	$196.00	$201.88	$207.93
132-51	**Systems Network Monitor/Manager**	BA/BS	12	**Contractor**	$147.80	$152.23	$156.80	$161.50	$166.35
132-51	**Field Engineer 1**	HS	2	**Contractor**	$109.92	$113.22	$116.62	$120.12	$123.72
132-51	**Field Engineer 2**	HS	5	**Contractor**	$129.32	$133.20	$137.20	$141.31	$145.55
132-51	**Administrative 1****	HS	1	**Customer Facility**	$29.03	$29.90	$30.80	$31.72	$32.67
132-51	**Administrative 2****	HS	5	**Customer Facility**	$33.48	$34.48	$35.52	$36.58	$37.68
132-51	**Analyst 1**	BA/BS	1	**Customer Facility**	$43.92	$45.24	$46.59	$47.99	$49.43
132-51	**Analyst 2**	BA/BS	4	**Customer Facility**	$56.40	$58.09	$59.83	$61.63	$63.48
132-51	**Analyst 3**	BA/BS	8	**Customer Facility**	$69.02	$71.09	$73.22	$75.42	$77.68
132-51	**Budget Analyst**	BA/BS	2	**Customer Facility**	$69.89	$71.99	$74.15	$76.37	$78.66

SIN	Service Proposed	Minimum Education / Certification Level	Minimum Years of Experience	Contractor or Customer Facility or Both	GSA Price Time of award - 11/17/2017	GSA Price 11/18/2017 -11/17/2018	GSA Price 11/18/2018 -11/17/2019	GSA Price 11/18/2019 -11/17/2020	GSA Price 11/18/2020 - 11/17/2021
132-51	Systems Analyst 1	BA/BS	1	Customer Facility	$59.24	$61.02	$62.85	$64.73	$66.68
132-51	Systems Analyst 2	BA/BS	4	Customer Facility	$74.05	$76.27	$78.56	$80.92	$83.34
132-51	Systems Analyst 3	BA/BS	8	Customer Facility	$92.56	$95.34	$98.20	$101.14	$104.18
132-51	Systems Engineer 1	BA/BS	1	Customer Facility	$89.77	$92.46	$95.24	$98.09	$101.04
132-51	Systems Engineer 2	BA/BS	4	Customer Facility	$103.24	$106.34	$109.53	$112.81	$116.20
132-51	Systems Engineer 3	BA/BS	8	Customer Facility	$118.72	$122.28	$125.95	$129.73	$133.62
132-51	Functional Analyst 1	BA/BS	1	Customer Facility	$62.91	$64.80	$66.74	$68.74	$70.81
132-51	Functional Analyst 2	BA/BS	4	Customer Facility	$74.01	$76.23	$78.52	$80.87	$83.30
132-51	Functional Analyst 3	BA/BS	8	Customer Facility	$96.21	$99.10	$102.07	$105.13	$108.29
132-51	Functional Analyst 4	BA/BS	12	Customer Facility	$125.08	$128.83	$132.70	$136.68	$140.78
132-51	IA/Intelligence Analyst 1	BA/BS	1	Customer Facility	$54.28	$55.91	$57.59	$59.31	$61.09
132-51	IA/Intelligence Analyst 2	BA/BS	4	Customer Facility	$68.71	$70.77	$72.89	$75.08	$77.33
132-51	IA/Intelligence Analyst 3	BA/BS	8	Customer Facility	$85.52	$88.09	$90.73	$93.45	$96.25
132-51	IA/Intelligence Analyst 4	BA/BS	12	Customer Facility	$111.18	$114.52	$117.95	$121.49	$125.13
132-51	Logistician 1	HS	3	Customer Facility	$69.89	$71.99	$74.15	$76.37	$78.66
132-51	Logistician 2	BA/BS	2	Customer Facility	$80.37	$82.78	$85.26	$87.82	$90.46
132-51	Logistician 3	BA/BS	4	Customer Facility	$92.43	$95.20	$98.06	$101.00	$104.03
132-51	Network Engineer 1	HS	2	Customer Facility	$72.38	$74.55	$76.79	$79.09	$81.46
132-51	Network Engineer 2	BA/BS	2	Customer Facility	$85.15	$87.70	$90.34	$93.05	$95.84

SIN	Service Proposed	Minimum Education / Certification Level	Minimum Years of Experience	Contractor or Customer Facility or Both	GSA Price Time of award - 11/17/2017	GSA Price 11/18/2017 -11/17/2018	GSA Price 11/18/2018 -11/17/2019	GSA Price 11/18/2019 -11/17/2020	GSA Price 11/18/2020 - 11/17/2021
132-51	**Network Engineer 3**	**BA/BS**	**4**	**Customer Facility**	**$97.92**	**$100.86**	**$103.88**	**$107.00**	**$110.21**
132-51	**Network Engineer 4**	**BA/BS**	**8**	**Customer Facility**	**$112.61**	**$115.99**	**$119.47**	**$123.05**	**$126.74**
132-51	**Program Manager 1**	**BA/BS**	**1**	**Customer Facility**	**$88.29**	**$90.94**	**$93.67**	**$96.48**	**$99.37**
132-51	**Program Manager 2**	**BA/BS**	**4**	**Customer Facility**	**$114.78**	**$118.22**	**$121.77**	**$125.42**	**$129.19**
132-51	**Program Manager 3**	**BA/BS**	**8**	**Customer Facility**	**$149.21**	**$153.69**	**$158.30**	**$163.05**	**$167.94**
132-51	**Program Specialist 1**	**HS**	**2**	**Customer Facility**	**$41.01**	**$42.24**	**$43.51**	**$44.81**	**$46.16**
132-51	**Program Specialist 2**	**HS**	**5**	**Customer Facility**	**$51.50**	**$53.05**	**$54.64**	**$56.28**	**$57.96**
132-51	**Project Representative**	**HS**	**5**	**Customer Facility**	**$41.01**	**$42.24**	**$43.51**	**$44.81**	**$46.16**
132-51	**Site Manager**	**BA/BS**	**8**	**Customer Facility**	**$114.18**	**$117.61**	**$121.13**	**$124.77**	**$128.51**
132-51	**Subject Matter Expert 1**	**BA/BS**	**2**	**Customer Facility**	**$108.68**	**$111.94**	**$115.30**	**$118.76**	**$122.32**
132-51	**Subject Matter Expert 2**	**MA/MS**	**4**	**Customer Facility**	**$135.85**	**$139.93**	**$144.12**	**$148.45**	**$152.90**
132-51	**Subject Matter Expert 3**	**MA/MS**	**8**	**Customer Facility**	**$176.61**	**$181.91**	**$187.37**	**$192.99**	**$198.78**
132-51	**Telecommunications Specialist 1**	**HS**	**2**	**Customer Facility**	**$50.35**	**$51.86**	**$53.42**	**$55.02**	**$56.67**
132-51	**Telecommunications Specialist 2**	**HS**	**4**	**Customer Facility**	**$59.24**	**$61.02**	**$62.85**	**$64.73**	**$66.68**
132-51	**Telecommunications Specialist 3**	**HS**	**8**	**Customer Facility**	**$68.13**	**$70.17**	**$72.28**	**$74.45**	**$76.68**
132-51	**Telecommunications Specialist 4**	**HS**	**12**	**Customer Facility**	**$83.74**	**$86.25**	**$88.84**	**$91.50**	**$94.25**
132-51	**SW/Application Developer 3**	**BA/BS**	**4**	**Customer Facility**	**$74.49**	**$76.72**	**$79.03**	**$81.40**	**$83.84**
132-51	**SW/Application Developer 4**	**BA/BS**	**8**	**Customer Facility**	**$87.63**	**$90.26**	**$92.97**	**$95.76**	**$98.63**
132-51	**Telecom Engineer 1**	**BA/BS**	**1**	**Customer Facility**	**$78.75**	**$81.11**	**$83.55**	**$86.05**	**$88.63**

SIN	Service Proposed	Minimum Education / Certification Level	Minimum Years of Experience	Contractor or Customer Facility or Both	GSA Price Time of award - 11/17/2017	GSA Price 11/18/2017 -11/17/2018	GSA Price 11/18/2018 -11/17/2019	GSA Price 11/18/2019 -11/17/2020	GSA Price 11/18/2020 - 11/17/2021
132-51	**Telecom Engineer 2**	**BA/BS**	**4**	**Customer Facility**	**$105.00**	**$108.15**	**$111.39**	**$114.74**	**$118.18**
132-51	**Telecom Engineer 3**	**BA/BS**	**8**	**Customer Facility**	**$150.00**	**$154.50**	**$159.14**	**$163.91**	**$168.83**
132-51	**Systems Network Monitor/Manager**	**BA/BS**	**12**	**Customer Facility**	**$120.00**	**$123.60**	**$127.31**	**$131.13**	**$135.06**
132-51	**Field Engineer 1**	**HS**	**2**	**Customer Facility**	**$89.25**	**$91.93**	**$94.69**	**$97.53**	**$100.45**
132-51	**Field Engineer 2**	**HS**	**5**	**Customer Facility**	**$105.00**	**$108.15**	**$111.39**	**$114.74**	**$118.18**

AWARDED RATES FOR SIN 132-8 PURCHASE OF NEW EQUIPMENT

SIN	CLIN	Model Number / Description	Unit Charge	GSA Price
Fixed, Ku-Band, TDMA Configurations				
132-8	UFE-0001	Fixed Terminal, Ku-band, 1.2M, 4W, TDMA, Router, 1.5 KVA UPS	Per Unit	$8,806.63
132-8	UFE-0002	Fixed Terminal, Ku-band, 1.2M, 8W, TDMA, Router, 1.5 KVA UPS	Per Unit	$9,483.51
132-8	UFE-0003	Fixed Terminal, Ku-band, 1.2M, 16W, TDMA, Router, 1.5 KVA UPS	Per Unit	$13,170.69
132-8	UFE-0004	Fixed Terminal, Ku-band, 1.2M, 25W, TDMA, Router, 1.5 KVA UPS	Per Unit	$15,842.57
132-8	UFE-0005	Fixed Terminal, Ku-band, 1.2M, 40W, TDMA, Router, 1.5 KVA UPS	Per Unit	$20,592.57
132-8	UFE-0006	Fixed Terminal, Ku-band, 1.2M, 60W, TDMA, Router, 1.5 KVA UPS	Per Unit	$26,530.07
132-8	UFE-0007	Fixed Terminal, Ku-band, 1.2M, 80W, TDMA, Router, 1.5 KVA UPS	Per Unit	$31,280.07
Fixed, C-Band, TDMA Configurations				
132-8	UFE-0021	Fixed Terminal, C-band, 2.4M, 5W, TDMA, Router, 1.5 KVA UPS	Per Unit	$11,156.56
132-8	UFE-0022	Fixed Terminal, C-band, 2.4M, 10W, TDMA, Router, 1.5 KVA UPS	Per Unit	$13,115.94
132-8	UFE-0023	Fixed Terminal, C-band, 2.4M, 20W, TDMA, Router, 1.5 KVA UPS	Per Unit	$15,597.81
132-8	UFE-0024	Fixed Terminal, C-band, 2.4M, 40W, TDMA, Router, 1.5 KVA UPS	Per Unit	$17,390.94
132-8	UFE-0025	Fixed Terminal, C-band, 2.4M, 60W, TDMA, Router, 1.5 KVA UPS	Per Unit	$18,578.44
132-8	UFE-0026	Fixed Terminal, C-band, 2.4M, 80W, TDMA, Router, 1.5 KVA UPS	Per Unit	$21,060.31
132-8	UFE-0027	Fixed Terminal, C-band, 2.4M, 100W, TDMA, Router, 1.5 KVA UPS	Per Unit	$24,860.31
132-8	UFE-0028	Fixed Terminal, C-band, 3.8M, 5W, TDMA, Router, 1.5 KVA UPS	Per Unit	$24,266.56
132-8	UFE-0029	Fixed Terminal, C-band, 3.8M, 10W, TDMA, Router, 1.5 KVA UPS	Per Unit	$26,225.94
132-8	UFE-0030	Fixed Terminal, C-band, 3.8M, 20W, TDMA, Router, 1.5 KVA UPS	Per Unit	$28,707.81
132-8	UFE-0031	Fixed Terminal, C-band, 3.8M, 40W, TDMA, Router, 1.5 KVA UPS	Per Unit	$30,500.94
132-8	UFE-0032	Fixed Terminal, C-band, 3.8M, 60W, TDMA, Router, 1.5 KVA UPS	Per Unit	$31,688.44
132-8	UFE-0033	Fixed Terminal, C-band, 3.8M, 80W, TDMA, Router, 1.5 KVA UPS	Per Unit	$34,170.31
132-8	UFE-0034	Fixed Terminal, C-band, 3.8M, 100W, TDMA, Router, 1.5 KVA UPS	Per Unit	$37,970.31
Fixed, Ku-Band, SCPC Configurations				
132-8	UFE-0041	Fixed Terminal, Ku-band, 1.2M, 4W, SCPC, Router, 1.5 KVA UPS	Per Unit	$13,857.07
132-8	UFE-0042	Fixed Terminal, Ku-band, 1.2M, 8W, SCPC, Router, 1.5 KVA UPS	Per Unit	$14,533.94
132-8	UFE-0043	Fixed Terminal, Ku-band, 1.2M, 16W, SCPC, Router, 1.5 KVA UPS	Per Unit	$18,221.13
132-8	UFE-0044	Fixed Terminal, Ku-band, 1.2M, 25W, SCPC, Router, 1.5 KVA UPS	Per Unit	$20,893.01
132-8	UFE-0045	Fixed Terminal, Ku-band, 1.2M, 40W, SCPC, Router, 1.5 KVA UPS	Per Unit	$25,643.01
132-8	UFE-0046	Fixed Terminal, Ku-band, 1.2M, 60W, SCPC, Router, 1.5 KVA UPS	Per Unit	$31,580.51
132-8	UFE-0047	Fixed Terminal, Ku-band, 1.2M, 80W, SCPC, Router, 1.5 KVA UPS	Per Unit	$36,330.51
Fixed, C-Band, SCPC Configurations				

132-8	UFE-0051a	Fixed Terminal, C-band, 2.4M, 5W, SCPC, Router, 1.5 KVA UPS	Per Unit	$15,312.81
132-8	UFE-0052a	Fixed Terminal, C-band, 2.4M, 10W, SCPC, Router, 1.5 KVA UPS	Per Unit	$17,272.19
132-8	UFE-0053a	Fixed Terminal, C-band, 2.4M, 20W, SCPC, Router, 1.5 KVA UPS	Per Unit	$19,754.06
132-8	UFE-0054a	Fixed Terminal, C-band, 2.4M, 40W, SCPC, Router, 1.5 KVA UPS	Per Unit	$21,547.19
132-8	UFE-0055	Fixed Terminal, C-band, 2.4M, 60W, SCPC, Router, 1.5 KVA UPS	Per Unit	$22,734.69
132-8	UFE-0056	Fixed Terminal, C-band, 2.4M, 80W, SCPC, Router, 1.5 KVA UPS	Per Unit	$25,216.56
132-8	UFE-0057	Fixed Terminal, C-band, 2.4M, 100W, SCPC, Router, 1.5 KVA UPS	Per Unit	$29,016.56
132-8	UFE-0058	Fixed Terminal, C-band, 3.8M, 5W, SCPC, Router, 1.5 KVA UPS	Per Unit	$28,422.81
132-8	UFE-0059	Fixed Terminal, C-band, 3.8M, 10W, SCPC, Router, 1.5 KVA UPS	Per Unit	$30,382.19
132-8	UFE-0050	Fixed Terminal, C-band, 3.8M, 20W, SCPC, Router, 1.5 KVA UPS	Per Unit	$32,864.06
132-8	UFE-0051b	Fixed Terminal, C-band, 3.8M, 40W, SCPC, Router, 1.5 KVA UPS	Per Unit	$34,657.19
132-8	UFE-0052b	Fixed Terminal, C-band, 3.8M, 60W, SCPC, Router, 1.5 KVA UPS	Per Unit	$35,844.69
132-8	UFE-0053b	Fixed Terminal, C-band, 3.8M, 80W, SCPC, Router, 1.5 KVA UPS	Per Unit	$38,326.56
132-8	UFE-0054b	Fixed Terminal, C-band, 3.8M, 100W, SCPC, Router, 1.5 KVA UPS	Per Unit	$42,126.56
Fixed, Ku-Band, DVB Configurations				
132-8	UFE-0061	Fixed Terminal, Ku-band, 1.2M, 4W, DVB, Router, 1.5 KVA UPS	Per Unit	$14,326.13
132-8	UFE-0062	Fixed Terminal, Ku-band, 1.2M, 8W, DVB, Router, 1.5 KVA UPS	Per Unit	$15,003.01
132-8	UFE-0063	Fixed Terminal, Ku-band, 1.2M, 16W, DVB, Router, 1.5 KVA UPS	Per Unit	$18,690.19
132-8	UFE-0064	Fixed Terminal, Ku-band, 1.2M, 25W, DVB, Router, 1.5 KVA UPS	Per Unit	$21,362.07
132-8	UFE-0065	Fixed Terminal, Ku-band, 1.2M, 40W, DVB, Router, 1.5 KVA UPS	Per Unit	$26,112.07
132-8	UFE-0066	Fixed Terminal, Ku-band, 1.2M, 60W, DVB, Router, 1.5 KVA UPS	Per Unit	$32,049.57
132-8	UFE-0067	Fixed Terminal, Ku-band, 1.2M, 80W, DVB, Router, 1.5 KVA UPS	Per Unit	$36,799.57
Fixed, C-Band, DVB Configurations				
132-8	UFE-0071	Fixed Terminal, C-band, 2.4M, 5W, DVB, Router, 1.5 KVA UPS	Per Unit	$15,943.38
132-8	UFE-0072	Fixed Terminal, C-band, 2.4M, 10W, DVB, Router, 1.5 KVA UPS	Per Unit	$17,902.75
132-8	UFE-0073	Fixed Terminal, C-band, 2.4M, 20W, DVB, Router, 1.5 KVA UPS	Per Unit	$20,384.63
132-8	UFE-0074	Fixed Terminal, C-band, 2.4M, 40W, DVB, Router, 1.5 KVA UPS	Per Unit	$22,177.75
132-8	UFE-0075	Fixed Terminal, C-band, 2.4M, 60W, DVB, Router, 1.5 KVA UPS	Per Unit	$23,365.25
132-8	UFE-0076	Fixed Terminal, C-band, 2.4M, 80W, DVB, Router, 1.5 KVA UPS	Per Unit	$25,847.13
132-8	UFE-0077	Fixed Terminal, C-band, 2.4M, 100W, DVB, Router, 1.5 KVA UPS	Per Unit	$29,647.13
132-8	UFE-0078	Fixed Terminal, C-band, 3.8M, 5W, DVB, Router, 1.5 KVA UPS	Per Unit	$29,053.38
132-8	UFE-0079	Fixed Terminal, C-band, 3.8M, 10W, DVB, Router, 1.5 KVA UPS	Per Unit	$31,012.75
132-8	UFE-0090	Fixed Terminal, C-band, 3.8M, 20W, DVB, Router, 1.5 KVA UPS	Per Unit	$33,494.63
132-8	UFE-0091	Fixed Terminal, C-band, 3.8M, 40W, DVB, Router, 1.5 KVA UPS	Per Unit	$35,287.75
132-8	UFE-0092	Fixed Terminal, C-band, 3.8M, 60W, DVB, Router, 1.5 KVA UPS	Per Unit	$36,475.25
132-8	UFE-0093	Fixed Terminal, C-band, 3.8M, 80W, DVB, Router, 1.5 KVA UPS	Per Unit	$38,957.13
132-8	UFE-0094	Fixed Terminal, C-band, 3.8M, 100W, DVB, Router, 1.5 KVA UPS	Per Unit	$42,757.13

Quick Deploy Transportable, Ku-Band, TDMA Configurations				
132-8	UFE-0101	Transportable Terminal, Ku-band, 1.2M, 4W, TDMA, Router, 1.5 KVA UPS	Per Unit	$25,906.63
132-8	UFE-0102	Transportable Terminal, Ku-band, 1.2M, 8W, TDMA, Router, 1.5 KVA UPS	Per Unit	$26,583.51
132-8	UFE-0103	Transportable Terminal, Ku-band, 1.2M, 16W, TDMA, Router, 1.5 KVA UPS	Per Unit	$30,270.69
132-8	UFE-0104	Transportable Terminal, Ku-band, 1.2M, 25W, TDMA, Router, 1.5 KVA UPS	Per Unit	$32,942.57
132-8	UFE-0105	Transportable Terminal, Ku-band, 1.2M, 40W, TDMA, Router, 1.5 KVA UPS	Per Unit	$37,692.57
132-8	UFE-0106	Transportable Terminal, Ku-band, 1.2M, 60W, TDMA, Router, 1.5 KVA UPS	Per Unit	$43,630.07
132-8	UFE-0107	Transportable Terminal, Ku-band, 1.2M, 80W, TDMA, Router, 1.5 KVA UPS	Per Unit	$48,380.07
132-8	UFE-0108	1.2 meter Ku-Band Motorized Mobile VSAT Antenna w/16-watt Ku-Band BUC, BUC P/S and PLL LNB	Per Unit	$36,545.09
Quick Deploy Transportable, C-Band, TDMA Configurations				
132-8	UFE-0121	Transportable Terminal, C-band, 2.4M, 5W, TDMA, Router, 1.5 KVA UPS	Per Unit	$65,306.56
132-8	UFE-0122	Transportable Terminal, C-band, 2.4M, 10W, TDMA, Router, 1.5 KVA UPS	Per Unit	$67,265.94
132-8	UFE-0123	Transportable Terminal, C-band, 2.4M, 20W, TDMA, Router, 1.5 KVA UPS	Per Unit	$69,747.81
132-8	UFE-0124	Transportable Terminal, C-band, 2.4M, 40W, TDMA, Router, 1.5 KVA UPS	Per Unit	$71,540.94
132-8	UFE-0125	Transportable Terminal, C-band, 2.4M, 60W, TDMA, Router, 1.5 KVA UPS	Per Unit	$72,728.44
132-8	UFE-0126	Transportable Terminal, C-band, 2.4M, 80W, TDMA, Router, 1.5 KVA UPS	Per Unit	$75,210.31
132-8	UFE-0127	Transportable Terminal, C-band, 2.4M, 100W, TDMA, Router, 1.5 KVA UPS	Per Unit	$79,010.31
Quick Deploy Transportable, Ku-Band, SCPC Configurations				
132-8	UFE-0141	Transportable Terminal, Ku-band, 1.2M, 4W, SCPC, Router, 1.5 KVA UPS	Per Unit	$30,957.07
132-8	UFE-0143	Transportable Terminal, Ku-band, 1.2M, 16W, SCPC, Router, 1.5 KVA UPS	Per Unit	$35,321.13
132-8	UFE-0144	Transportable Terminal, Ku-band, 1.2M, 25W, SCPC, Router, 1.5 KVA UPS	Per Unit	$37,993.01
132-8	UFE-0145	Transportable Terminal, Ku-band, 1.2M, 40W, SCPC, Router, 1.5 KVA UPS	Per Unit	$42,743.01
132-8	UFE-0146	Transportable Terminal, Ku-band, 1.2M, 60W, SCPC, Router, 1.5 KVA UPS	Per Unit	$48,680.51
132-8	UFE-0147	Transportable Terminal, Ku-band, 1.2M, 80W, SCPC, Router, 1.5 KVA UPS	Per Unit	$53,430.51
Quick Deploy Transportable, Ku-Band, DVB Configurations				

132-8	UFE-0151	Transportable Terminal, Ku-band, 1.2M, 4W, DVB, Router, 1.5 KVA UPS	Per Unit	$32,056.69
132-8	UFE-0152	Transportable Terminal, Ku-band, 1.2M, 8W, DVB, Router, 1.5 KVA UPS	Per Unit	$32,733.57
132-8	UFE-0153	Transportable Terminal, Ku-band, 1.2M, 16W, DVB, Router, 1.5 KVA UPS	Per Unit	$36,420.76
132-8	UFE-0154	Transportable Terminal, Ku-band, 1.2M, 25W, DVB, Router, 1.5 KVA UPS	Per Unit	$39,092.63
132-8	UFE-0155	Transportable Terminal, Ku-band, 1.2M, 40W, DVB, Router, 1.5 KVA UPS	Per Unit	$43,842.63
132-8	UFE-0156	Transportable Terminal, Ku-band, 1.2M, 60W, DVB, Router, 1.5 KVA UPS	Per Unit	$49,780.13
132-8	UFE-0157	Transportable Terminal, Ku-band, 1.2M, 80W, DVB, Router, 1.5 KVA UPS	Per Unit	$54,530.13
Quick Deploy Transportable, C-Band, SCPC Configurations				
132-8	UFE-0161	Transportable Terminal, C-band, 2.4M, 5W, SCPC, Router, 1.5 KVA UPS	Per Unit	$69,462.81
132-8	UFE-0162	Transportable Terminal, C-band, 2.4M, 10W, SCPC, Router, 1.5 KVA UPS	Per Unit	$71,422.19
132-8	UFE-0163	Transportable Terminal, C-band, 2.4M, 20W, SCPC, Router, 1.5 KVA UPS	Per Unit	$73,904.06
132-8	UFE-0164	Transportable Terminal, C-band, 2.4M, 40W, SCPC, Router, 1.5 KVA UPS	Per Unit	$75,697.19
132-8	UFE-0165	Transportable Terminal, C-band, 2.4M, 60W, SCPC, Router, 1.5 KVA UPS	Per Unit	$76,884.69
132-8	UFE-0166	Transportable Terminal, C-band, 2.4M, 80W, SCPC, Router, 1.5 KVA UPS	Per Unit	$79,366.56
132-8	UFE-0167	Transportable Terminal, C-band, 2.4M, 100W, SCPC, Router, 1.5 KVA UPS	Per Unit	$83,166.56
Quick Deploy Transportable, C-Band, DVB Configurations				
132-8	UFE-0171	Transportable Terminal, C-band, 2.4M, 5W, DVB, Router, 1.5 KVA UPS	Per Unit	$70,093.38
132-8	UFE-0172	Transportable Terminal, C-band, 2.4M, 10W, DVB, Router, 1.5 KVA UPS	Per Unit	$72,052.75
132-8	UFE-0173	Transportable Terminal, C-band, 2.4M, 20W, DVB, Router, 1.5 KVA UPS	Per Unit	$74,534.63
132-8	UFE-0174	Transportable Terminal, C-band, 2.4M, 40W, DVB, Router, 1.5 KVA UPS	Per Unit	$76,327.75
132-8	UFE-0175	Transportable Terminal, C-band, 2.4M, 60W, DVB, Router, 1.5 KVA UPS	Per Unit	$77,515.25
132-8	UFE-0176	Transportable Terminal, C-band, 2.4M, 80W, DVB, Router, 1.5 KVA UPS	Per Unit	$79,997.13
132-8	UFE-0177	Transportable Terminal, C-band, 2.4M, 100W, DVB, Router, 1.5 KVA UPS	Per Unit	$83,797.13
Flyaway, SCPC, TDMA or DVB Configurations				
132-8	UFA 75-Ku1	Ku-band Eliptical (90cm x 66cm), 5-seg, carbon-fiber, offset w/8w	Per Unit	$94,240.00

132-8	UFA 75-Ku2	Ku-band Eliptical (90cm x 66cm), 5-seg, carbon-fiber, offset w/25w	Per Unit	$102,885.00
132-8	UFA 75-Ku3	Ku-band Eliptical (90cm x 66cm), 5-seg, carbon-fiber, offset w/40w	Per Unit	$107,065.00
132-8	UFA 100-Ku1	Ku-band 1M antenna with 6-piece carbon fiber, prime focus, w/8w	Per Unit	$96,330.00
132-8	UFA 100-Ku2	Ku-band 1M antenna with 6-piece carbon fiber, prime focus, w/25w	Per Unit	$104,975.00
132-8	UFA 100-Ku3	Ku-band 1M antenna with 6-piece carbon fiber, prime focus, w/40w	Per Unit	$109,155.00
132-8	UFA 120-Ku1	Ku-band 1.2M antenna with 4-piece carbon fiber, offset, w/8w	Per Unit	$126,635.00
132-8	UFA 120-Ku2	Ku-band 1.2M antenna with 4-piece carbon fiber, offset, w/25w	Per Unit	$135,280.00
132-8	UFA 120-Ku3	Ku-band 1.2M antenna with 4-piece carbon fiber, offset, w/40w	Per Unit	$139,460.00
132-8	UFA75-Tri1	Ku/Ka/X Eliptical (90cm x 66cm), 5-seg, carbon-fiber, offset, Tri-band w/8/12/50w	Per Unit	$174,325.00
132-8	UFA75-Tri2	Ku/Ka/X Eliptical (90cm x 66cm), 5-seg, carbon-fiber, offset, Tri-band w/25/12/50w	Per Unit	$182,970.00
132-8	UFA75-Tri3	Ku/Ka/X Eliptical (90cm x 66cm), 5-seg, carbon-fiber, offset, Tri-band w/40/12/50w	Per Unit	$187,150.00
132-8	UFA100-Tri1	Ku/Ka/X 1M antenna with 6-piece carbon fiber, prime focus, w/8/12/50w	Per Unit	$175,085.00
132-8	UFA100-Tri2	Ku/Ka/X 1M antenna with 6-piece carbon fiber, prime focus, w/25/12/50w	Per Unit	$183,635.00
132-8	UFA100-Tri3	Ku/Ka/X 1M antenna with 6-piece carbon fiber, prime focus, w/40/12/50w	Per Unit	$187,910.00
132-8	UFA120-Tri1	Ku/Ka/X 1.2M antenna with 4-piece carbon fiber, offset, w/8/12/50w	Per Unit	$213,180.00
132-8	UFA120-Tri2	Ku/Ka/X 1.2M antenna with 4-piece carbon fiber, offset, w/25/12/50w	Per Unit	$221,730.00
iDirect Components				
132-8	UFE-1001	iDirect X3 Satellite Modem/Router	Per Unit	$890.63
132-8	UFE-1002	iDirect X5 Satellite Modem/Router	Per Unit	$2,133.94
132-8	UFE-1003	iDirect e8350 Satellite Modem/Router	Per Unit	$11,869.06
132-8	UFE-1004	iDirect Evolution Hub XLC-M Line Card - 1 demod	Per Unit	$20,781.25
132-8	UFE-1005	iDirect Evolution Hub XLC-M Line Card - 4 demod	Per Unit	$51,062.50
132-8	UFE-1006	iDirect Evolution Hub XLC-M Line Card - 8 demod	Per Unit	$81,937.50
132-8	UFE-1007	iDirect Evolution Hub XLC-M Line Card - 1 demod premium service program	Per Unit	$3,740.63
132-8	UFE-1008	iDirect Evolution Hub XLC-M Line Card - 4 demod premium service program	Per Unit	$9,191.25
132-8	UFE-1009	iDirect Evolution Hub XLC-M Line Card - 8 demod premium service program	Per Unit	$14,748.75
132-8	UFE-1010	iDirect Evolution Hub XLC-11 Line Card - 1 demod + 1 mod	Per Unit	$41,562.50
132-8	UFE-1011	iDirect Evolution Hub XLC-11 Line Card - 1 demod + 1 mod premium service program	Per Unit	$7,481.25
132-8	UFE-1012	iDirect 4-slot/single IF Hub (iNfiniti)	Per Unit	$148,437.50
132-8	UFE-1013	iDirect 4-slot/single IF Hub (iNfiniti) premium service program	Per Unit	$26,718.75
132-8	UFE-1013	iDirect 4-slot/single IF Hub (iNfiniti) installation	Per Unit	$26,718.75

132-8	BP500081eM	15152 5IF Hub with 3 eM1D1 Line Cards	Per Unit	$462,143.17
132-8	BP500081	Model 15152 Universal 20-slot 5IF HUB - 3 XLC-11	Per Unit	$444,200.86
132-8	BP500328	Model 15152 Universal 20-slot 5IF HUB - 1 DLC	Per Unit	$443,013.95
132-8	BP500301	Model 15152 Universal 20-slot 5IF HUB - 3 eM1D1 (PAYG)	Per Unit	$239,280.35
132-8	BP500301XLC	Model 15152 Universal 20-slot 5IF HUB - 3 XLC-11 (PAYG)	Per Unit	$221,347.61
132-8	BP500327	Model 15152 Universal 20-slot 5IF HUB - 1 DLC (PAYG)	Per Unit	$220,151.13
132-8	BP12202U	Model 12202 Universal 4-slot HUB (1IF, includes 2 eM1D1)	Per Unit	$212,242.92
132-8	BP12202U-OM	MODEL 12202 Universal 4 Slot Hub, 4 IF, with 2 eM1D1 Line cards	Per Unit	$295,996.07
132-8	K0000017-0002	Evolution eM1D1 (Single Modulator, Single Demodulator)	Per Unit	$47,854.16
132-8	K0000017-0005	eM1D1 FIPS L2 Line Card	Per Unit	$59,818.89
132-8	K0000017-0006	eM0DM	Per Unit	$28,710.58
132-8	K0000017-0007	eM0DM-FIPSL2 Line Card	Per Unit	$40,675.31
132-8	K0000017-0003	XLC-11	Per Unit	$41,876.57
132-8	K0000017-0004	XLC-M	Per Unit	$17,947.10
132-8	K0000117-0010	DLC-T FIPS L3	Per Unit	$52,644.84
132-8	K0000118-0010	DLC-R FIPS L3	Per Unit	$71,788.41
132-8	LIC0000021	TIMING/SLOT GROUP #2	Per Unit	$83,753.15
132-8	LIC0000021-A	TIMING/SLOT GROUP #2-#5	Per Unit	$284,760.71
132-8	LIC0000095	EVOLUTION 4-DEMOD TDMA	Per Unit	$46,662.47
132-8	LIC0000092	iDirect eM0DM 8-Channel TDMA License	Per Unit	$90,931.99
132-8	LIC0000094	EVOLUTION 8-DEMOD SCPC Return License	Per Unit	$19,143.58
132-8	LIC0000086	EVOLUTION 4-DEMOD TDMA LICENSE FOR XLC-M MULTICHANNEL OPERATION IDX 3.0 & UP	Per Unit	$33,501.26
132-8	LIC0000089	EVOLUTION 8-DEMOD TDMA LICENSE FOR XLC-M MULTICHANNEL OPERATION IDX 3.0 & UP	Per Unit	$64,609.57
132-8	LIC0000114	LICENSE, 16-CHANNEL NARROWBAND TDMA, XLC-M	Per Unit	$30,869.02
132-8	LIC0000091	EVOLUTION 8-DEMOD SCPC RETURN LICENSE FOR XLC-M MULTICHANNEL OPERATION IDX 3.0 & UP	Per Unit	$4,785.89
132-8	LIC0000085	S2 TRANSEC SOFTWARE LICENSE, PER EM1D1 IDX 2.2 & UP	Per Unit	$23,924.69
132-8	LIC0000115	eM0DM TRANSEC, Single Channel License	Per Unit	$23,924.69
132-8	LIC0000119	eM0DM TRANSEC 4-Channel License	Per Unit	$35,894.21
132-8	LIC0000124	eM0DM TRANSEC 8-Channel License	Per Unit	$83,753.15
132-8	LIC0000037	AES 256 ENCRYPTION TRANSEC PP	Per Unit	$11,958.99
132-8	K0000184-0001	NMS Server	Per Unit	$9,571.79
132-8	K0000185-0001	PP Server	Per Unit	$9,571.79

132-8	BP500081CH	iDirect Model 15152 Universal 20-slot Expansion Chassis Evolution	Per Unit	$106,486.15
132-8	LIC0000166	DLC-T One-way TRANSEC License	Per Unit	$21,536.52
132-8	LIC0000167	DLC-R TDMA 4-Channel License	Per Unit	$71,788.41
132-8	LIC0000169	DLC-R TDMA 8-Channel License	Per Unit	$95,717.88
132-8	LIC0000170	DLC-R TRANSEC 1-Channel License	Per Unit	$23,924.69
132-8	BP500367	DLC-R TRANSEC 4-Channel and Single Channel License Bundle	Per Unit	$59,818.89
132-8	BP500368	DLC-R TRANSEC 8-Channel and Single Channel License Bundle	Per Unit	$107,677.83
132-8	VNO	VNO license, No HW	Per Unit	$23,929.47
132-8	LIC0000139	iDRAC7 Enterprise License	Per Unit	$690.21
132-8	K0000177-0001	ICONNEX 900 REMOTE	Per Unit	$17,707.81
132-8	K0000160-0001	9350 SATELLITE ROUTER (AC)	Per Unit	$18,130.97
132-8	K0000160-0002	9350 SATELLITE ROUTER (DC)	Per Unit	$18,130.97
132-8	K0000172-0001	950MP Integrated Router Board	Per Unit	$17,707.81
132-8	K0000142-0003	980 Airborne Integrated Router Board	Per Unit	$62,216.62
132-8	K0000171-0001	9800 AE	Per Unit	$117,380.35
132-8	K0000173-0001	9800 AR	Per Unit	$91,556.68
132-8	E0002006-0001	e8000 AE ARINC 600 Airborne Router	Per Unit	$93,324.94
132-8	E0002070-0001	E8000 AR XL SATELLITE ROUTER	Per Unit	$71,309.82
132-8	K0000014-0015	EVOLUTION E8350, 24V	Per Unit	$12,756.32
132-8	K0000014-0016	EVOLUTION E8350, 48V	Per Unit	$14,032.24
132-8	K0000014-0017	e8350-FIPSL2-24 VDC	Per Unit	$15,946.60
132-8	K0000014-0018	e8350-FIPSL2-48VDC	Per Unit	$17,222.52
132-8	K0000044-0024	EVOLUTION, ICONNEX-E800, IDX 2.3.0	Per Unit	$12,756.32
132-8	K0000044-0017	EVOLUTION ICONNEX E800-FIPSL2	Per Unit	$15,946.60
132-8	K0000044-0022	EVOLUTION, ICONNEX-E850MP, IDX 2.3.0	Per Unit	$12,756.32
132-8	K0000044-0003	EVOLUTION, ICONNEX-E850MP-IND	Per Unit	$14,568.26
132-8	K0000044-0006	EVOLUTION,ICONNEX-E850MP-IND W/O HEAT SINK,ROHS	Per Unit	$14,568.26
132-8	K0000044-0008	EVOLUTION, ICONNEX-E850MP FIPS L2	Per Unit	$15,946.60
132-8	K0000121-0001	e150 Evolution, iConnex Router	Per Unit	$2,546.10
132-8	LIC0000138	LICENSE, AES 256 ENCRYPTION E150	Per Unit	$210.58
132-8	P0000033-0001	e8350 PSU, 24V	Per Unit	$382.87

132-8	P0001032-0001	REMOTE PS C5	Per Unit	$91.89
132-8	4118-000-0001	PWR CRD C14 EUROPEAN	Per Unit	$52.64
132-8	P0001034-0001	PWR CRD C5, US	Per Unit	$206.15
132-8	9131-0104-0001	RACK ADAPTOR 3000/5000/X3/X5	Per Unit	$382.87
132-8	9131-0021-0001	MUSIC BOX	Per Unit	$4,622.67
Other Components				
132-8	UFE-1112	CDM-570L-IP satellite modem	Per Unit	$5,046.88
132-8	UFE-1113	CDM-840 DVB-S2satellite modem	Per Unit	$5,677.44
132-8	UFE-1114	Cisco 1941 Router 2 EHWIC Slots	Per Unit	$1,132.88
132-8	UFE-1115	1 port Multiflex Interface - T1/E1	Per Unit	$995.15
132-8	UFE-1116	2 port Voice I/F - FXS & DID	Per Unit	$306.20
132-8	UFE-1117	2 port Voice I/F - E & M	Per Unit	$303.34
132-8	UFE-1118	2 port Voice I/F - FXO Universal	Per Unit	$303.34
132-8	UFE-1119	24 port Ethernet Switch	Per Unit	$122.31
132-8	UFE-1120	1.5kVa Uninterruptible Power Supply & Isolation Transformer	Per Unit	$1,212.96
132-8	UFE-1123	Equipment Rack	Per Unit	$1,221.94
132-8	UFE-1124	VSAT Lightning Protection Kit	Per Unit	$760.00
132-8	UFE-1125	WAN Optimization Device	Per Unit	$6,366.90
Maritime Terminals				
132-8	UFE-1201	SCOTPatrol SPM800Ku 80cm Ku-band Maritime terminal with BDE, ACU, PSU, IF interface unit and rugged laptop for C&M	Per Unit	$505,637.50
132-8	UFE-1202	SCOTPatrol SPM1200Ku 120cm Ku-band Maritime terminal with BDE, ACU, PSU, IF interface unit and rugged laptop for C&M	Per Unit	$555,156.25
132-8	UFE-1203	SCOTPatrol SPM800X 80cm X-band Maritime terminal with BDE, ACU, PSU, IF interface unit and rugged laptop for C&M	Per Unit	$555,156.25
132-8	UFE-1204	SCOTPatrol SPM1200X 120cm X-band Maritime terminal with BDE, ACU, PSU, IF interface unit and rugged laptop for C&M	Per Unit	$605,625.00
Man-Portable Terminals				
132-8	UFE-1301	Mobile Response X-band Man-portable terminal with 4w SSPA	Per Unit	$112,811.31
132-8	UFE-1302	Mobile Response Ku-band Man-portable terminal with 4w SSPA	Per Unit	$103,905.06
132-8	UFE-1303	Mobile Response Ka-band Man-portable terminal with 4w SSPA	Per Unit	$112,811.31
Variable Waveform Modems				
132-8	UFE-1401	Astrium Keystone Proteus modem single carrier per channel with data rate to 20Msps and a IP data interface with a L band RF interface	Per Unit	$53,437.50
Amplifiers				
132-8	GR1-3541A4-3N0	Super Compact High Density SG series 100w GaN Extended Ku-Band Rack Mount Solid State Power Amplifier	Per Unit	$21,536.52
132-8	GR1-3541A4-3N0-R1KIT	SG series SSPA/SSPB 1:1 Redundancy Kit	Per Unit	$2,488.66

SIN	CLIN	Model Number / Description	Unit Charge	GSA Price
132-8	UME-0101	BGAN - T&T Explorer 300	Per Unit	$2,497.54
132-8	UME-0102	BGAN - T&T Explorer 500	Per Unit	$3,200.01
132-8	UME-0103	BGAN - T&T Explorer 700	Per Unit	$5,131.80
132-8	UME-0104	BGAN - T&T Explorer 727	Per Unit	$17,713.98
132-8	UME-0111	BGAN - AV Sabre 1	Per Unit	$1,540.54
132-8	UME-0112	BGAN - AV Sabre 1 with Canvas Bag	Per Unit	$1,579.44
132-8	UME-0121	BGAN - HNS 9201	Per Unit	$3,209.46
132-8	UME-0122	9202 BGAN Satelliet Terminal Kit	Per Unit	$2,833.25
132-8	UME-0201	FBB - T&T Sailor 150	Per Unit	$5,484.14
132-8	UME-0202	FBB - T&T Sailor 250	Per Unit	$9,681.17
132-8	UME-0203	FBB - T&T Sailor 500	Per Unit	$15,282.01
132-8	UME-0211	FBB - AV Skipper 150	Per Unit	$4,493.79
132-8	UME-0401	IsatPhone Pro with SIM Card	Per Unit	$661.34
132-8	UME-0501	Iridium 9555 Full Kit with SIM Card	Per Unit	$1,278.23
132-8	UME-502	Iridium 9575 Satellite Phone	Per Unit	$1,506.30
132-8	UME-503	Iridium 9575 Charging Cradle with Buzzer and Privacy Handset	Per Unit	$622.17
132-8	UME-504	Iridium 9575 Car-Kit, without Cradle	Per Unit	$461.36
132-8	UME-505	Iridium antenna for vehicle fixed mount, 5m cable	Per Unit	$224.94
132-8	UME-0701	VIPKit	Per Unit	$12,393.23
132-8	UME-0702	OODApak	Per Unit	$5,196.26
132-8	UME-0801	Orbcomm Q1000 w/AC, Antenna, Cable	Per Unit	$382.36
132-8	UME-0802	Orbcomm Q1200 w/AC, Antenna, Cable	Per Unit	$509.07
132-8	UME-0803	Orbcomm Q4000 w/AC, Antenna, IF Board	Per Unit	$766.94
132-8	UME-0601	Thuraya SO-2510 Satellite Phone	Per Unit	$600.21
132-8	UME-0602	Thuraya SG-2520 Satellite/GSM Phone	Per Unit	$1,091.49
132-8	UME-0603	Thuraya IP Terminal	Per Unit	$2,566.45
132-8	UME-0604	Thuraya IP Battery Pack	Per Unit	$192.57
132-8	UME-0605	Thuraya IP Car charger	Per Unit	$96.31
132-8	UME-0606	Thuraya IP Travel adapter	Per Unit	$44.96
132-8	UME-0607	Thuraya IP Travel charger	Per Unit	$96.31
132-8	UME-0608	Thuraya IP maritime antenna (D320 Spacecom)	Per Unit	$4,108.10
132-8	UME-0609	Thuraya IP vehicular antenna (D220 Spacecom)	Per Unit	$3,196.62
132-8	UME-0610	Thuraya IP External Antenna 1426, Fixed application	Per Unit	$1,283.78
132-8	UME-0611	Thuraya IP External Antenna 1535, Portable application	Per Unit	$1,027.03

132-8	UME-0612	SCAN Active Portable Antenna for Thuraya IP	Per Unit	$2,184.10
132-8	UME-0613	SCAN Active Marine Antenna - Omnidirectional, dual-band	Per Unit	$1,747.28
132-8	UME-0614	SCAN Passive Antenna- - Omnidirectional, dual-band	Per Unit	$262.31
132-8	UME-0615	SCAN Passive Thuraya Antenna- - Omnidirectional (for metal roof)	Per Unit	$262.31
132-8	UME-0616	SCAN 10 m Cable Kit (only with 62 100)	Per Unit	$80.86
132-8	UME-0617	SCAN 15 m Cable Kit (only with 62 100)	Per Unit	$145.55
132-8	UME-0618	SCAN 30 m Cable Kit (only with 62 100)	Per Unit	$386.41
132-8	UME-0619	SCAN DC Feeder including adapter cable	Per Unit	$64.69
132-8	UME-0620	SCAN DC Feeder Thuraya FDU (req. for 60 100)	Per Unit	$47.96
132-8	UME-0621	SCAN DC Feeder Thuraya DSL-Kit (req. for 60 100)	Per Unit	$64.69
132-8	UME-0622	SCAN DC Feeder Thuraya Sat-Docker (req. for 60 100)	Per Unit	$47.96
132-8	UME-0623	SCAN Low HD Mount (brass, chrome plated) (for 60 100)	Per Unit	$36.35
132-8	UME-0624	SCAN Marine Bracket (Brass, White) (for 60 100)	Per Unit	$62.08
132-8	UME-0625	SCAN 4-way Deck Mount (Brass, chrome plated) (for 60 100)	Per Unit	$36.51
132-8	UME-0626	SCAN 1' Adaptor tube (required for 16 126)	Per Unit	$20.23
132-8	UME-0627	SCAN Pole Bracket, stainless steelm 25-50 mm (for 60 600 and 60 700)	Per Unit	$25.18
132-8	UME-0628	SCAN SAT Cable N(m)/N(m), 12 m, LMR400 type + GPS cable TNC (m)	Per Unit	$94.09

SIN	CLIN	Model Number / Description	Unit Charge	GSA Price
132-8	MERC-0101	MERC Lite Satcom Trailer: The MERC Lite is a small, but powerful mobile power and communication trailer that is designed to provide a fully operational voice, data, and radio network	Per Unit	$152,792.10

AWARDED RATES FOR SIN 132-52 ELECTRONIC COMMERCE AND SUBSCRIPTION SERVICES

SIN	CLIN	Model Number / Description	Unit Charge	GSA Price
132-52	UL-COLO-RCKSTP	Commercial Teleport - Equipment Co-location for 1 Standard Rack (Setup)	Each	$2,871.54
132-52	UL-COLO-CRTSTP	Commercial Teleport - Cross-connect for 1 circuit (Setup)	Each	$478.59
132-52	UL-COLO-RCKSERV	Commercial Teleport - Equipment Co-location for 1 Standard Rack monthly service	MRC	$2,871.54
132-52	UL-COLO-CRTSERV	Commercial Teleport - Cross-connect for 1 circuit monthly service	MRC	$478.59
132-52	UL-TB-CONUS-SETUP	Terrestrial backhaul service, Speedcast Government PoP to CONUS, 1 - 100 Mbps, non-redundant, one-time fee	Each	$2,392.95
132-52	UL-TB1-CONUS-SVC	Terrestrial backhaul service, Speedcast Government PoP to CONUS, 1 Mbps, non-redundant, MRC, 12-month term	MRC	$861.46
132-52	UL-TB10-CONUS-SVC	Terrestrial backhaul service, MRC, Speedcast Government PoP to CONUS, 10 Mbps, non-redundant, MRC, 12-month term	MRC	$1,435.77
132-52	UL-TB50-CONUS-SVC	Terrestrial backhaul service, MRC, Speedcast Government PoP to CONUS, 50 Mbps, non-redundant, MRC, 12-month term	MRC	$5,743.07
132-52	UL-TB100-CONUS-SVC	Terrestrial backhaul service, MRC, Speedcast Government PoP to CONUS, 100 Mbps, non-redundant, MRC, 12-month term	MRC	$9,571.79
132-52	UL-TB-OCONUS-SETUP	Terrestrial backhaul service, Speedcast Government PoP to OCONUS, 1 - 100 Mbps, non-redundant, one-time fee	Each	$3,350.13
132-52	UL-TB1-OCONUS-SVC	Terrestrial backhaul service, Speedcast Government PoP to OCONUS, 1 Mbps, non-redundant, MRC, 12-month term	MRC	$1,722.92
132-52	UL-TB10-OCONUS-SVC	Terrestrial backhaul service, MRC, Speedcast Government PoP to OCONUS, 10 Mbps, non-redundant, MRC, 12-month term	MRC	$2,871.54
132-52	UL-TB50-OCONUS-SVC	Terrestrial backhaul service, MRC, Speedcast Government PoP to OCONUS, 50 Mbps, non-redundant, MRC, 12-month term	MRC	$11,486.15
132-52	UL-TB100-OCONUS-SVC	Terrestrial backhaul service, MRC, Speedcast Government PoP to OCONUS, 100 Mbps, non-redundant, MRC, 12-month term	MRC	$19,143.58
132-52	UL-INET-SETUP	Internet access service from Speedcast Government PoP, 1 - 100 Mbps, non-redundant, one-time fee	Each	$2,392.95
132-52	UL-INET1-SVC	Internet access service from Speedcast Government PoP, 1 Mbps, non-redundant, MRC, 12-month term	MRC	$191.44
132-52	UL-INET10-SVC	Internet access service from Speedcast Government PoP, 10 Mbps, non-redundant, MRC, 12-month term	MRC	$1,435.77
132-52	UL-INET50-SVC	Internet access service from Speedcast Government PoP, 50 Mbps, non-redundant, MRC, 12-month term	MRC	$4,785.89
132-52	UL-INET100-SVC	Internet access service from Speedcast Government PoP, 100 Mbps, non-redundant, MRC, 12-month term	MRC	$7,178.84

AWARDED RATES FOR 132-54 - COMMERCIAL SATELLITE COMMUNICATIONS (COMSATCOM) TRANSPONDED CAPACITY

SIN	CLIN	Model Number / Description	Unit Charge	GSA Price
132-54	SPEEDCAST GOVERNMENT-HNA	Non-recurring Charges (One time charge for implementing licenses before operations for All Regions	Each	$90,680.10

SIN	CLIN	Contract Term	BW Range	Region	Beam	Band	Unit Charge	GSA Price
132-54	UTA-0001	5 Years	100 kHz to 5 MHz	Worldwide	Spot	Ku	per MHz/Month	$6,174.00
132-54	UTA-0002	5 Years	5 MHz to 10 MHz	Worldwide	Spot	Ku	per MHz/Month	$6,081.39
132-54	UTA-0003	5 Years	10 MHz to 20 MHz	Worldwide	Spot	Ku	per MHz/Month	$5,988.78
132-54	UTA-0004	5 Years	20 MHz to 36 MHz	Worldwide	Spot	Ku	per MHz/Month	$5,865.30
132-54	UTA-0005	5 Years	Greater than 36 MHz	Worldwide	Spot	Ku	per MHz/Month	$5,780.00
132-54	UTA-0011	3 Years	100 kHz to 5 MHz	Worldwide	Spot	Ku	per MHz/Month	$6,482.70
132-54	UTA-0012	3 Years	5 MHz to 10 MHz	Worldwide	Spot	Ku	per MHz/Month	$6,385.46
132-54	UTA-0013	3 Years	10 MHz to 20 MHz	Worldwide	Spot	Ku	per MHz/Month	$6,288.22
132-54	UTA-0014	3 Years	20 MHz to 36 MHz	Worldwide	Spot	Ku	per MHz/Month	$6,158.57
132-54	UTA-0015	3 Years	Greater than 36 MHz	Worldwide	Spot	Ku	per MHz/Month	$6,055.00
132-54	UTA-0021	1 Year	100 kHz to 5 MHz	Worldwide	Spot	Ku	per MHz/Month	$6,791.40
132-54	UTA-0022	1 Year	5 MHz to 10 MHz	Worldwide	Spot	Ku	per MHz/Month	$6,689.53
132-54	UTA-0023	1 Year	10 MHz to 20 MHz	Worldwide	Spot	Ku	per MHz/Month	$6,587.66
132-54	UTA-0024	1 Year	20 MHz to 36 MHz	Worldwide	Spot	Ku	per MHz/Month	$6,451.83
132-54	UTA-0025	1 Year	Greater than 36 MHz	Worldwide	Spot	Ku	per MHz/Month	$6,375.00
132-54	UTA-0031	1 Month	100 kHz to 5 MHz	Worldwide	Spot	Ku	per MHz/Month	$9,261.00
132-54	UTA-0032	1 Month	5 MHz to 10 MHz	Worldwide	Spot	Ku	per MHz/Month	$9,122.09
132-54	UTA-0033	1 Month	10 MHz to 20 MHz	Worldwide	Spot	Ku	per MHz/Month	$8,983.17
132-54	UTA-0034	1 Month	20 MHz to 36 MHz	Worldwide	Spot	Ku	per MHz/Month	$8,797.95
132-54	UTA-0035	1 Month	Greater than 36 MHz	Worldwide	Spot	Ku	per MHz/Month	$8,650.00
132-54	UTA-0041	1 Week	100 kHz to 5 MHz	Worldwide	Spot	Ku	per MHz/Week	$3,858.75
132-54	UTA-0042	1 Week	5 MHz to 10 MHz	Worldwide	Spot	Ku	per MHz/Week	$3,800.87
132-54	UTA-0043	1 Week	10 MHz to 20 MHz	Worldwide	Spot	Ku	per MHz/Week	$3,742.99

132-54	UTA-0044	1 Week	20 MHz to 36 MHz	Worldwide	Spot	Ku	per MHz/Week	$3,665.81
132-54	UTA-0045	1 Week	Greater than 36 MHz	Worldwide	Spot	Ku	per MHz/Week	$3,530.00
132-54	UTA-0051	1 Day	100 kHz to 5 MHz	Worldwide	Spot	Ku	per MHz/Month	$300.00
132-54	UTA-0052	1 Day	5 MHz to 10 MHz	Worldwide	Spot	Ku	per MHz/Month	$280.00
132-54	UTA-0053	1 Day	10 MHz to 20 MHz	Worldwide	Spot	Ku	per MHz/Month	$265.00
132-54	UTA-0054	1 Day	20 MHz to 36 MHz	Worldwide	Spot	Ku	per MHz/Month	$250.00
132-54	UTA-0055	1 Day	Greater than 36 MHz	Worldwide	Spot	Ku	per MHz/Month	$230.00
132-54	UTA-1001	5 Years	100 kHz to 5 MHz	Worldwide	Zone	C	per MHz/Month	$5,788.13
132-54	UTA-1002	5 Years	5 MHz to 10 MHz	Worldwide	Zone	C	per MHz/Month	$5,701.30
132-54	UTA-1003	5 Years	10 MHz to 20 MHz	Worldwide	Zone	C	per MHz/Month	$5,614.48
132-54	UTA-1004	5 Years	20 MHz to 36 MHz	Worldwide	Zone	C	per MHz/Month	$5,498.72
132-54	UTA-1011	3 Years	100 kHz to 5 MHz	Worldwide	Zone	C	per MHz/Month	$6,077.53
132-54	UTA-1012	3 Years	5 MHz to 10 MHz	Worldwide	Zone	C	per MHz/Month	$5,986.37
132-54	UTA-1013	3 Years	10 MHz to 20 MHz	Worldwide	Zone	C	per MHz/Month	$5,895.21
132-54	UTA-1014	3 Years	20 MHz to 36 MHz	Worldwide	Zone	C	per MHz/Month	$5,773.65
132-54	UTA-1021	1 Year	100 kHz to 5 MHz	Worldwide	Zone	C	per MHz/Month	$6,366.94
132-54	UTA-1022	1 Year	5 MHz to 10 MHz	Worldwide	Zone	C	per MHz/Month	$6,271.43
132-54	UTA-1023	1 Year	10 MHz to 20 MHz	Worldwide	Zone	C	per MHz/Month	$6,175.93
132-54	UTA-1024	1 Year	20 MHz to 36 MHz	Worldwide	Zone	C	per MHz/Month	$6,048.59
132-54	UTA-1031	1 Month	100 kHz to 5 MHz	Worldwide	Zone	C	per MHz/Month	$8,682.19
132-54	UTA-1032	1 Month	5 MHz to 10 MHz	Worldwide	Zone	C	per MHz/Month	$8,551.95
132-54	UTA-1033	1 Month	10 MHz to 20 MHz	Worldwide	Zone	C	per MHz/Month	$8,421.72
132-54	UTA-1034	1 Month	20 MHz to 36 MHz	Worldwide	Zone	C	per MHz/Month	$8,248.08
132-54	UTA-1041	1 Week	100 kHz to 5 MHz	Worldwide	Zone	C	per MHz/Week	$3,617.58
132-54	UTA-1042	1 Week	5 MHz to 10 MHz	Worldwide	Zone	C	per MHz/Week	$3,563.31
132-54	UTA-1043	1 Week	10 MHz to 20 MHz	Worldwide	Zone	C	per MHz/Week	$3,509.05
132-54	UTA-1044	1 Week	20 MHz to 36 MHz	Worldwide	Zone	C	per MHz/Week	$3,436.70
132-54	UTA-2001	5 Years	100 kHz to 5 MHz	Worldwide	Hemi	C	per MHz/Month	$7,235.71
132-54	UTA-2002	5 Years	5 MHz to 10 MHz	Worldwide	Hemi	C	per MHz/Month	$7,127.17
132-54	UTA-2003	5 Years	10 MHz to 20 MHz	Worldwide	Hemi	C	per MHz/Month	$7,018.64
132-54	UTA-2004	5 Years	20 MHz to 36 MHz	Worldwide	Hemi	C	per MHz/Month	$6,873.92
132-54	UTA-2011	3 Years	100 kHz to 5 MHz	Worldwide	Hemi	C	per MHz/Month	$7,597.49
132-54	UTA-2012	3 Years	5 MHz to 10 MHz	Worldwide	Hemi	C	per MHz/Month	$7,483.53

132-54	UTA-2013	3 Years	10 MHz to 20 MHz	Worldwide	Hemi	C	per MHz/Month	$7,369.57
132-54	UTA-2014	3 Years	20 MHz to 36 MHz	Worldwide	Hemi	C	per MHz/Month	$7,217.62
132-54	UTA-2021	1 Year	100 kHz to 5 MHz	Worldwide	Hemi	C	per MHz/Month	$7,959.28
132-54	UTA-2022	1 Year	5 MHz to 10 MHz	Worldwide	Hemi	C	per MHz/Month	$7,839.89
132-54	UTA-2023	1 Year	10 MHz to 20 MHz	Worldwide	Hemi	C	per MHz/Month	$7,720.50
132-54	UTA-2024	1 Year	20 MHz to 36 MHz	Worldwide	Hemi	C	per MHz/Month	$7,561.31
132-54	UTA-2031	1 Month	100 kHz to 5 MHz	Worldwide	Hemi	C	per MHz/Month	$10,853.56
132-54	UTA-2032	1 Month	5 MHz to 10 MHz	Worldwide	Hemi	C	per MHz/Month	$10,690.76
132-54	UTA-2033	1 Month	10 MHz to 20 MHz	Worldwide	Hemi	C	per MHz/Month	$10,527.95
132-54	UTA-2034	1 Month	20 MHz to 36 MHz	Worldwide	Hemi	C	per MHz/Month	$10,310.88
132-54	UTA-2041	1 Week	100 kHz to 5 MHz	Worldwide	Hemi	C	per MHz/Week	$4,522.32
132-54	UTA-2042	1 Week	5 MHz to 10 MHz	Worldwide	Hemi	C	per MHz/Week	$4,454.48
132-54	UTA-2043	1 Week	10 MHz to 20 MHz	Worldwide	Hemi	C	per MHz/Week	$4,386.65
132-54	UTA-2044	1 Week	20 MHz to 36 MHz	Worldwide	Hemi	C	per MHz/Week	$4,296.20
132-54	UTA-3001	5 Years	100 kHz to 5 MHz	Worldwide	Global	C	per MHz/Month	$8,628.53
132-54	UTA-3002	5 Years	5 MHz to 10 MHz	Worldwide	Global	C	per MHz/Month	$8,499.10
132-54	UTA-3003	5 Years	10 MHz to 20 MHz	Worldwide	Global	C	per MHz/Month	$8,369.67
132-54	UTA-3004	5 Years	20 MHz to 36 MHz	Worldwide	Global	C	per MHz/Month	$8,197.10
132-54	UTA-3011	3 Years	100 kHz to 5 MHz	Worldwide	Global	C	per MHz/Month	$9,059.96
132-54	UTA-3012	3 Years	5 MHz to 10 MHz	Worldwide	Global	C	per MHz/Month	$8,924.06
132-54	UTA-3013	3 Years	10 MHz to 20 MHz	Worldwide	Global	C	per MHz/Month	$8,788.16
132-54	UTA-3014	3 Years	20 MHz to 36 MHz	Worldwide	Global	C	per MHz/Month	$8,606.96
132-54	UTA-3021	1 Year	100 kHz to 5 MHz	Worldwide	Global	C	per MHz/Month	$9,491.38
132-54	UTA-3022	1 Year	5 MHz to 10 MHz	Worldwide	Global	C	per MHz/Month	$9,349.01
132-54	UTA-3023	1 Year	10 MHz to 20 MHz	Worldwide	Global	C	per MHz/Month	$9,206.64
132-54	UTA-3024	1 Year	20 MHz to 36 MHz	Worldwide	Global	C	per MHz/Month	$9,016.81
132-54	UTA-3031	1 Month	100 kHz to 5 MHz	Worldwide	Global	C	per MHz/Month	$12,942.80
132-54	UTA-3032	1 Month	5 MHz to 10 MHz	Worldwide	Global	C	per MHz/Month	$12,748.65
132-54	UTA-3034	1 Month	20 MHz to 36 MHz	Worldwide	Global	C	per MHz/Month	$12,295.66
132-54	UTA-3041	1 Week	100 kHz to 5 MHz	Worldwide	Global	C	per MHz/Week	$5,392.83
132-54	UTA-3042	1 Week	5 MHz to 10 MHz	Worldwide	Global	C	per MHz/Week	$5,311.94
132-54	UTA-3043	1 Week	10 MHz to 20 MHz	Worldwide	Global	C	per MHz/Week	$5,231.05
132-54	UTA-3044	1 Week	20 MHz to 36 MHz	Worldwide	Global	C	per MHz/Week	$5,123.19

132-54	UTA-4001	5 Years	100 kHz to 5 MHz	Worldwide	Spot	Ka	per MHz/Month	$8,820.00
132-54	UTA-4002	5 Years	5 MHz to 10 MHz	Worldwide	Spot	Ka	per MHz/Month	$8,687.70
132-54	UTA-4003	5 Years	10 MHz to 20 MHz	Worldwide	Spot	Ka	per MHz/Month	$8,555.40
132-54	UTA-4004	5 Years	20 MHz to 36 MHz	Worldwide	Spot	Ka	per MHz/Month	$8,379.00
132-54	UTA-4011	3 Years	100 kHz to 5 MHz	Worldwide	Spot	Ka	per MHz/Month	$9,261.00
132-54	UTA-4012	3 Years	5 MHz to 10 MHz	Worldwide	Spot	Ka	per MHz/Month	$9,122.09
132-54	UTA-4013	3 Years	10 MHz to 20 MHz	Worldwide	Spot	Ka	per MHz/Month	$8,983.17
132-54	UTA-4014	3 Years	20 MHz to 36 MHz	Worldwide	Spot	Ka	per MHz/Month	$8,797.95
132-54	UTA-4021	1 Year	100 kHz to 5 MHz	Worldwide	Spot	Ka	per MHz/Month	$9,702.00
132-54	UTA-4022	1 Year	5 MHz to 10 MHz	Worldwide	Spot	Ka	per MHz/Month	$9,556.47
132-54	UTA-4023	1 Year	10 MHz to 20 MHz	Worldwide	Spot	Ka	per MHz/Month	$9,410.94
132-54	UTA-4024	1 Year	20 MHz to 36 MHz	Worldwide	Spot	Ka	per MHz/Month	$9,216.90
132-54	UTA-4031	1 Month	100 kHz to 5 MHz	Worldwide	Spot	Ka	per MHz/Month	$13,230.00
132-54	UTA-4032	1 Month	5 MHz to 10 MHz	Worldwide	Spot	Ka	per MHz/Month	$13,031.55
132-54	UTA-4033	1 Month	10 MHz to 20 MHz	Worldwide	Spot	Ka	per MHz/Month	$12,833.10
132-54	UTA-4034	1 Month	20 MHz to 36 MHz	Worldwide	Spot	Ka	per MHz/Month	$12,568.50
132-54	UTA-4041	1 Week	100 kHz to 5 MHz	Worldwide	Spot	Ka	per MHz/Week	$5,512.50
132-54	UTA-4042	1 Week	5 MHz to 10 MHz	Worldwide	Spot	Ka	per MHz/Week	$5,429.81
132-54	UTA-4043	1 Week	10 MHz to 20 MHz	Worldwide	Spot	Ka	per MHz/Week	$5,347.13
132-54	UTA-4044	1 Week	20 MHz to 36 MHz	Worldwide	Spot	Ka	per MHz/Week	$5,236.88
132-54	UTA-5001	5 Years	1 MHz to 5 MHz	Worldwide	Spot	X	per MHz/Month	$19,287.14
132-54	UTA-5002	5 Years	5 MHz to 9 MHz	Worldwide	Spot	X	per MHz/Month	$16,869.35
132-54	UTA-5003	5 Years	9 MHz to 18 MHz	Worldwide	Spot	X	per MHz/Month	$15,970.82
132-54	UTA-5004	5 Years	18 MHz to 40 MHz	Worldwide	Spot	X	per MHz/Month	$14,365.58
132-54	UTA-5011	3 Years	1 MHz to 5 MHz	Worldwide	Spot	X	per MHz/Month	$20,601.32
132-54	UTA-5012	3 Years	5 MHz to 9 MHz	Worldwide	Spot	X	per MHz/Month	$18,020.36
132-54	UTA-5013	3 Years	9 MHz to 18 MHz	Worldwide	Spot	X	per MHz/Month	$17,060.09
132-54	UTA-5014	3 Years	18 MHz to 40 MHz	Worldwide	Spot	X	per MHz/Month	$15,344.60
132-54	UTA-5021	1 Year	1 MHz to 5 MHz	Worldwide	Spot	X	per MHz/Month	$21,916.60
132-54	UTA-5022	1 Year	5 MHz to 9 MHz	Worldwide	Spot	X	per MHz/Month	$19,170.27
132-54	UTA-5023	1 Year	9 MHz to 18 MHz	Worldwide	Spot	X	per MHz/Month	$18,148.25
132-54	UTA-5024	1 Year	18 MHz to 40 MHz	Worldwide	Spot	X	per MHz/Month	$16,324.72
132-54	UTA-5031	1 Month	1 MHz to 5 MHz	Worldwide	Spot	X	per MHz/Month	$35,943.71

132-54	UTA-5032	1 Month	5 MHz to 9 MHz	Worldwide	Spot	X	per MHz/Month	$31,438.89
132-54	UTA-5033	1 Month	9 MHz to 18 MHz	Worldwide	Spot	X	per MHz/Month	$29,763.09
132-54	UTA-5034	1 Month	18 MHz to 40 MHz	Worldwide	Spot	X	per MHz/Month	$26,772.01
132-54	UTA-5041	1 Week	1 MHz to 5 MHz	Worldwide	Spot	X	per MHz/Week	$13,478.89
132-54	UTA-5042	1 Week	5 MHz to 9 MHz	Worldwide	Spot	X	per MHz/Week	$11,789.58
132-54	UTA-5043	1 Week	9 MHz to 18 MHz	Worldwide	Spot	X	per MHz/Week	$11,161.16
132-54	UTA-5044	1 Week	18 MHz to 40 MHz	Worldwide	Spot	X	per MHz/Week	$10,039.50
132-54	UTA-6001	5 Years	1 MHz to 5 MHz	Worldwide	Global	X	per MHz/Month	$17,050.16
132-54	UTA-6002	5 Years	5 MHz to 9 MHz	Worldwide	Global	X	per MHz/Month	$14,364.47
132-54	UTA-6004	5 Years	18 MHz to 40 MHz	Worldwide	Global	X	per MHz/Month	$10,524.47
132-54	UTA-6011	3 Years	1 MHz to 5 MHz	Worldwide	Global	X	per MHz/Month	$18,212.20
132-54	UTA-6012	3 Years	5 MHz to 9 MHz	Worldwide	Global	X	per MHz/Month	$15,343.49
132-54	UTA-6013	3 Years	9 MHz to 18 MHz	Worldwide	Global	X	per MHz/Month	$14,085.54
132-54	UTA-6014	3 Years	18 MHz to 40 MHz	Worldwide	Global	X	per MHz/Month	$11,242.19
132-54	UTA-6021	1 Year	1 MHz to 5 MHz	Worldwide	Global	X	per MHz/Month	$19,374.23
132-54	UTA-6022	1 Year	5 MHz to 9 MHz	Worldwide	Global	X	per MHz/Month	$16,322.51
132-54	UTA-6023	1 Year	9 MHz to 18 MHz	Worldwide	Global	X	per MHz/Month	$14,985.18
132-54	UTA-6024	1 Year	18 MHz to 40 MHz	Worldwide	Global	X	per MHz/Month	$11,959.92
132-54	UTA-6031	1 Month	1 MHz to 5 MHz	Worldwide	Global	X	per MHz/Month	$31,775.15
132-54	UTA-6032	1 Month	5 MHz to 9 MHz	Worldwide	Global	X	per MHz/Month	$26,769.80
132-54	UTA-6033	1 Month	9 MHz to 18 MHz	Worldwide	Global	X	per MHz/Month	$24,574.73
132-54	UTA-6034	1 Month	18 MHz to 40 MHz	Worldwide	Global	X	per MHz/Month	$19,613.48
132-54	UTA-6041	1 Week	1 MHz to 5 MHz	Worldwide	Global	X	per MHz/Week	$11,915.68
132-54	UTA-6042	1 Week	5 MHz to 9 MHz	Worldwide	Global	X	per MHz/Week	$10,038.68
132-54	UTA-6043	1 Week	9 MHz to 18 MHz	Worldwide	Global	X	per MHz/Week	$9,215.52
132-54	UTA-6044	1 Week	18 MHz to 40 MHz	Worldwide	Global	X	per MHz/Week	$7,355.05
132-54	UTA-7001	5 Years	(1) 25 kHz UHF Channel	Worldwide	Global	UHF	per Month	$237,380.35
132-54	UTA-7011	3 Years	(1) 25 kHz UHF Channel	Worldwide	Global	UHF	per Month	$248,866.50
132-54	UTA-7021	1 Year	(1) 25 kHz UHF Channel	Worldwide	Global	UHF	per Month	$258,438.29
132-54	UTA-7031	1 Month	(1) 25 kHz UHF Channel	Worldwide	Global	UHF	per Month	$306,297.23

AWARDED RATES FOR SIN 132-55 COMSATCOM SUBSCRIPTION SERVICES

SIN	CLIN	Region	FSS Subscription Services	FWD (D/L) (kbps)	RTN (U/L) (kbps)	Unit Charge	GSA Price
Annual FSS/TDMA Services
132-55	UFA-0001	Global	FSS/TDMA Network Service	64	64	Annual	$14,515.20
132-55	UFA-0002	Global	FSS/TDMA Network Service	128	64	Annual	$19,353.60
132-55	UFA-0003	Global	FSS/TDMA Network Service	128	128	Annual	$29,030.40
132-55	UFA-0004	Global	FSS/TDMA Network Service	256	128	Annual	$38,707.20
132-55	UFA-0005	Global	FSS/TDMA Network Service	256	256	Annual	$58,060.80
132-55	UFA-0006	Global	FSS/TDMA Network Service	512	256	Annual	$77,414.40
132-55	UFA-0007	Global	FSS/TDMA Network Service	512	512	Annual	$116,121.60
132-55	UFA-0008	Global	FSS/TDMA Network Service	1024	512	Annual	$154,828.80
132-55	UFA-0009	Global	FSS/TDMA Network Service	1024	1024	Annual	$232,243.20
132-55	UFA-0010	Global	FSS/TDMA Network Service	2048	1024	Annual	$309,657.60
132-55	UFA-0011	Global	FSS/TDMA Network Service	2048	2048	Annual	$464,486.40
132-55	UFA-0012	Global	FSS/TDMA Network Service	3072	1024	Annual	$387,072.00
132-55	UFA-0013	Global	FSS/TDMA Network Service	3072	2048	Annual	$541,900.80
132-55	UFA-0014	Global	FSS/TDMA Network Service	3072	3072	Annual	$696,729.60
132-55	UFA-0015	Global	FSS/TDMA Network Service	4096	1024	Annual	$464,486.40
132-55	UFA-0016	Global	FSS/TDMA Network Service	4096	2048	Annual	$619,315.20
132-55	UFA-0017	Global	FSS/TDMA Network Service	4096	3072	Annual	$774,144.00
132-55	UFA-0018	Global	FSS/TDMA Network Service	4096	4096	Annual	$928,972.80
132-55	UFA-0019	Global	FSS/TDMA Network Service	5120	1024	Annual	$541,900.80
132-55	UFA-0020	Global	FSS/TDMA Network Service	5120	2048	Annual	$696,729.60
132-55	UFA-0021	Global	FSS/TDMA Network Service	5120	3072	Annual	$851,558.40
132-55	UFA-0022	Global	FSS/TDMA Network Service	5120	4096	Annual	$1,006,387.20
132-55	UFA-0023	Global	FSS/TDMA Network Service	5120	5120	Annual	$1,161,216.00
132-55	UFA-0024	Global	FSS/TDMA Network Service	6144	1024	Annual	$619,315.20
132-55	UFA-0025	Global	FSS/TDMA Network Service	6144	2048	Annual	$774,144.00
132-55	UFA-0026	Global	FSS/TDMA Network Service	6144	3072	Annual	$928,972.80
132-55	UFA-0027	Global	FSS/TDMA Network Service	6144	4096	Annual	$1,083,801.60
132-55	UFA-0028	Global	FSS/TDMA Network Service	6144	5120	Annual	$1,238,630.40
132-55	UFA-0029	Global	FSS/TDMA Network Service	6144	6144	Annual	$1,393,459.20
132-55	UFA-0030	Global	FSS/TDMA Network Service	7168	1024	Annual	$696,729.60

132-55	UFA-0031	Global	FSS/TDMA Network Service	7168	2048	Annual	$851,558.40
132-55	UFA-0032	Global	FSS/TDMA Network Service	7168	3072	Annual	$1,006,387.20
132-55	UFA-0033	Global	FSS/TDMA Network Service	7168	4096	Annual	$1,161,216.00
132-55	UFA-0034	Global	FSS/TDMA Network Service	7168	5120	Annual	$1,316,044.80
132-55	UFA-0035	Global	FSS/TDMA Network Service	7168	6144	Annual	$1,470,873.60
132-55	UFA-0036	Global	FSS/TDMA Network Service	7168	7168	Annual	$1,625,702.40
132-55	UFA-0037	Global	FSS/TDMA Network Service	8192	1024	Annual	$774,144.00
132-55	UFA-0038	Global	FSS/TDMA Network Service	8192	2048	Annual	$928,972.80
132-55	UFA-0039	Global	FSS/TDMA Network Service	8192	3072	Annual	$1,083,801.60
132-55	UFA-0040	Global	FSS/TDMA Network Service	8192	4096	Annual	$1,238,630.40
132-55	UFA-0041	Global	FSS/TDMA Network Service	8192	5120	Annual	$1,393,459.20
132-55	UFA-0042	Global	FSS/TDMA Network Service	8192	6144	Annual	$1,548,288.00
132-55	UFA-0043	Global	FSS/TDMA Network Service	8192	7168	Annual	$1,703,116.80
132-55	UFA-0044	Global	FSS/TDMA Network Service	8192	8192	Annual	$1,857,945.60
Monthly FSS/TDMA Services							
132-55	UFA-0101	Global	FSS/TDMA Network Service	64	64	Monthly	$1,814.40
132-55	UFA-0102	Global	FSS/TDMA Network Service	128	64	Monthly	$2,419.20
132-55	UFA-0103	Global	FSS/TDMA Network Service	128	128	Monthly	$3,628.80
132-55	UFA-0104	Global	FSS/TDMA Network Service	256	128	Monthly	$4,838.40
132-55	UFA-0105	Global	FSS/TDMA Network Service	256	256	Monthly	$7,257.60
132-55	UFA-0106	Global	FSS/TDMA Network Service	512	256	Monthly	$9,676.80
132-55	UFA-0107	Global	FSS/TDMA Network Service	512	512	Monthly	$14,515.20
132-55	UFA-0108	Global	FSS/TDMA Network Service	1024	512	Monthly	$19,353.60
132-55	UFA-0109	Global	FSS/TDMA Network Service	1024	1024	Monthly	$29,030.40
132-55	UFA-0110	Global	FSS/TDMA Network Service	2048	1024	Monthly	$38,707.20
132-55	UFA-0111	Global	FSS/TDMA Network Service	2048	2048	Monthly	$58,060.80
132-55	UFA-0112	Global	FSS/TDMA Network Service	3072	1024	Monthly	$48,384.00
132-55	UFA-0113	Global	FSS/TDMA Network Service	3072	2048	Monthly	$67,737.60
132-55	UFA-0114	Global	FSS/TDMA Network Service	3072	3072	Monthly	$87,091.20
132-55	UFA-0115	Global	FSS/TDMA Network Service	4096	1024	Monthly	$58,060.80
132-55	UFA-0116	Global	FSS/TDMA Network Service	4096	2048	Monthly	$77,414.40
132-55	UFA-0117	Global	FSS/TDMA Network Service	4096	3072	Monthly	$96,768.00
132-55	UFA-0118	Global	FSS/TDMA Network Service	4096	4096	Monthly	$116,121.60
132-55	UFA-0119	Global	FSS/TDMA Network Service	5120	1024	Monthly	$67,737.60
132-55	UFA-0120	Global	FSS/TDMA Network Service	5120	2048	Monthly	$87,091.20
132-55	UFA-0121	Global	FSS/TDMA Network Service	5120	3072	Monthly	$106,444.80

132-55	UFA-0122	Global	FSS/TDMA Network Service	5120	4096	Monthly	$125,798.40
132-55	UFA-0123	Global	FSS/TDMA Network Service	5120	5120	Monthly	$145,152.00
132-55	UFA-0124	Global	FSS/TDMA Network Service	6144	1024	Monthly	$77,414.40
132-55	UFA-0125	Global	FSS/TDMA Network Service	6144	2048	Monthly	$96,768.00
132-55	UFA-0126	Global	FSS/TDMA Network Service	6144	3072	Monthly	$116,121.60
132-55	UFA-0127	Global	FSS/TDMA Network Service	6144	4096	Monthly	$135,475.20
132-55	UFA-0128	Global	FSS/TDMA Network Service	6144	5120	Monthly	$154,828.80
132-55	UFA-0129	Global	FSS/TDMA Network Service	6144	6144	Monthly	$174,182.40
132-55	UFA-0130	Global	FSS/TDMA Network Service	7168	1024	Monthly	$87,091.20
132-55	UFA-0131	Global	FSS/TDMA Network Service	7168	2048	Monthly	$106,444.80
132-55	UFA-0132	Global	FSS/TDMA Network Service	7168	3072	Monthly	$125,798.40
132-55	UFA-0133	Global	FSS/TDMA Network Service	7168	4096	Monthly	$145,152.00
132-55	UFA-0134	Global	FSS/TDMA Network Service	7168	5120	Monthly	$164,505.60
132-55	UFA-0135	Global	FSS/TDMA Network Service	7168	6144	Monthly	$183,859.20
132-55	UFA-0136	Global	FSS/TDMA Network Service	7168	7168	Monthly	$203,212.80
132-55	UFA-0137	Global	FSS/TDMA Network Service	8192	1024	Monthly	$96,768.00
132-55	UFA-0138	Global	FSS/TDMA Network Service	8192	2048	Monthly	$116,121.60
132-55	UFA-0139	Global	FSS/TDMA Network Service	8192	3072	Monthly	$135,475.20
132-55	UFA-0140	Global	FSS/TDMA Network Service	8192	4096	Monthly	$154,828.80
132-55	UFA-0141	Global	FSS/TDMA Network Service	8192	5120	Monthly	$174,182.40
132-55	UFA-0142	Global	FSS/TDMA Network Service	8192	6144	Monthly	$193,536.00
132-55	UFA-0143	Global	FSS/TDMA Network Service	8192	7168	Monthly	$212,889.60
132-55	UFA-0144	Global	FSS/TDMA Network Service	8192	8192	Monthly	$232,243.20
Weekly FSS/TDMA Services							
132-55	UFA-0201	Global	FSS/TDMA Network Service	64	64	Weekly	$703.26
132-55	UFA-0202	Global	FSS/TDMA Network Service	128	64	Weekly	$937.67
132-55	UFA-0203	Global	FSS/TDMA Network Service	128	128	Weekly	$1,406.51
132-55	UFA-0204	Global	FSS/TDMA Network Service	256	128	Weekly	$1,875.35
132-55	UFA-0205	Global	FSS/TDMA Network Service	256	256	Weekly	$2,813.02
132-55	UFA-0206	Global	FSS/TDMA Network Service	512	256	Weekly	$3,750.70
132-55	UFA-0207	Global	FSS/TDMA Network Service	512	512	Weekly	$5,626.05
132-55	UFA-0208	Global	FSS/TDMA Network Service	1024	512	Weekly	$7,501.40
132-55	UFA-0209	Global	FSS/TDMA Network Service	1024	1024	Weekly	$11,252.09
132-55	UFA-0210	Global	FSS/TDMA Network Service	2048	1024	Weekly	$15,002.79
132-55	UFA-0211	Global	FSS/TDMA Network Service	2048	2048	Weekly	$22,504.19
132-55	UFA-0212	Global	FSS/TDMA Network Service	3072	1024	Weekly	$18,753.49

132-55	UFA-0213	Global	FSS/TDMA Network Service	3072	2048	Weekly	$26,254.88
132-55	UFA-0214	Global	FSS/TDMA Network Service	3072	3072	Weekly	$33,756.28
132-55	UFA-0215	Global	FSS/TDMA Network Service	4096	1024	Weekly	$22,504.19
132-55	UFA-0216	Global	FSS/TDMA Network Service	4096	2048	Weekly	$30,005.58
132-55	UFA-0217	Global	FSS/TDMA Network Service	4096	3072	Weekly	$37,506.98
132-55	UFA-0218	Global	FSS/TDMA Network Service	4096	4096	Weekly	$45,008.37
132-55	UFA-0219	Global	FSS/TDMA Network Service	5120	1024	Weekly	$26,254.88
132-55	UFA-0220	Global	FSS/TDMA Network Service	5120	2048	Weekly	$33,756.28
132-55	UFA-0221	Global	FSS/TDMA Network Service	5120	3072	Weekly	$41,257.67
132-55	UFA-0222	Global	FSS/TDMA Network Service	5120	4096	Weekly	$48,759.07
132-55	UFA-0223	Global	FSS/TDMA Network Service	5120	5120	Weekly	$56,260.47
132-55	UFA-0224	Global	FSS/TDMA Network Service	6144	1024	Weekly	$30,005.58
132-55	UFA-0225	Global	FSS/TDMA Network Service	6144	2048	Weekly	$37,506.98
132-55	UFA-0226	Global	FSS/TDMA Network Service	6144	3072	Weekly	$45,008.37
132-55	UFA-0227	Global	FSS/TDMA Network Service	6144	4096	Weekly	$52,509.77
132-55	UFA-0228	Global	FSS/TDMA Network Service	6144	5120	Weekly	$60,011.16
132-55	UFA-0229	Global	FSS/TDMA Network Service	6144	6144	Weekly	$67,512.56
132-55	UFA-0230	Global	FSS/TDMA Network Service	7168	1024	Weekly	$33,756.28
132-55	UFA-0231	Global	FSS/TDMA Network Service	7168	2048	Weekly	$41,257.67
132-55	UFA-0232	Global	FSS/TDMA Network Service	7168	3072	Weekly	$48,759.07
132-55	UFA-0233	Global	FSS/TDMA Network Service	7168	4096	Weekly	$56,260.47
132-55	UFA-0234	Global	FSS/TDMA Network Service	7168	5120	Weekly	$63,761.86
132-55	UFA-0235	Global	FSS/TDMA Network Service	7168	6144	Weekly	$71,263.26
132-55	UFA-0236	Global	FSS/TDMA Network Service	7168	7168	Weekly	$78,764.65
132-55	UFA-0237	Global	FSS/TDMA Network Service	8192	1024	Weekly	$37,506.98
132-55	UFA-0238	Global	FSS/TDMA Network Service	8192	2048	Weekly	$45,008.37
132-55	UFA-0239	Global	FSS/TDMA Network Service	8192	3072	Weekly	$52,509.77
132-55	UFA-0240	Global	FSS/TDMA Network Service	8192	4096	Weekly	$60,011.16
132-55	UFA-0241	Global	FSS/TDMA Network Service	8192	5120	Weekly	$67,512.56
132-55	UFA-0242	Global	FSS/TDMA Network Service	8192	6144	Weekly	$75,013.95
132-55	UFA-0243	Global	FSS/TDMA Network Service	8192	7168	Weekly	$82,515.35
132-55	UFA-0244	Global	FSS/TDMA Network Service	8192	8192	Weekly	$90,016.74
Annual FSS/SCPC Services							
132-55	UFA-1001	Global	FSS/SCPC Network Service	64	64	Annual	$16,588.80
132-55	UFA-1002	Global	FSS/SCPC Network Service	128	64	Annual	$24,883.20
132-55	UFA-1003	Global	FSS/SCPC Network Service	128	128	Annual	$33,177.60

132-55	UFA-1004	Global	FSS/SCPC Network Service	256	128	Annual	$49,766.40
132-55	UFA-1005	Global	FSS/SCPC Network Service	256	256	Annual	$66,355.20
132-55	UFA-1006	Global	FSS/SCPC Network Service	512	256	Annual	$99,532.80
132-55	UFA-1007	Global	FSS/SCPC Network Service	512	512	Annual	$132,710.40
132-55	UFA-1008	Global	FSS/SCPC Network Service	1024	512	Annual	$199,065.60
132-55	UFA-1009	Global	FSS/SCPC Network Service	1024	1024	Annual	$265,420.80
132-55	UFA-1010	Global	FSS/SCPC Network Service	2048	1024	Annual	$398,131.20
132-55	UFA-1011	Global	FSS/SCPC Network Service	2048	2048	Annual	$530,841.60
132-55	UFA-1012	Global	FSS/SCPC Network Service	3072	1024	Annual	$530,841.60
132-55	UFA-1013	Global	FSS/SCPC Network Service	3072	2048	Annual	$663,552.00
132-55	UFA-1014	Global	FSS/SCPC Network Service	3072	3072	Annual	$796,262.40
132-55	UFA-1015	Global	FSS/SCPC Network Service	4096	1024	Annual	$663,552.00
132-55	UFA-1016	Global	FSS/SCPC Network Service	4096	2048	Annual	$796,262.40
132-55	UFA-1017	Global	FSS/SCPC Network Service	4096	3072	Annual	$928,972.80
132-55	UFA-1018	Global	FSS/SCPC Network Service	4096	4096	Annual	$1,061,683.20
132-55	UFA-1019	Global	FSS/SCPC Network Service	5120	1024	Annual	$796,262.40
132-55	UFA-1020	Global	FSS/SCPC Network Service	5120	2048	Annual	$928,972.80
132-55	UFA-1021	Global	FSS/SCPC Network Service	5120	3072	Annual	$1,061,683.20
132-55	UFA-1022	Global	FSS/SCPC Network Service	5120	4096	Annual	$1,194,393.60
132-55	UFA-1023	Global	FSS/SCPC Network Service	5120	5120	Annual	$1,327,104.00
132-55	UFA-1024	Global	FSS/SCPC Network Service	6144	1024	Annual	$928,972.80
132-55	UFA-1025	Global	FSS/SCPC Network Service	6144	2048	Annual	$1,061,683.20
132-55	UFA-1026	Global	FSS/SCPC Network Service	6144	3072	Annual	$1,194,393.60
132-55	UFA-1027	Global	FSS/SCPC Network Service	6144	4096	Annual	$1,327,104.00
132-55	UFA-1028	Global	FSS/SCPC Network Service	6144	5120	Annual	$1,459,814.40
132-55	UFA-1029	Global	FSS/SCPC Network Service	6144	6144	Annual	$1,592,524.80
132-55	UFA-1030	Global	FSS/SCPC Network Service	7168	1024	Annual	$1,061,683.20
132-55	UFA-1031	Global	FSS/SCPC Network Service	7168	2048	Annual	$1,194,393.60
132-55	UFA-1032	Global	FSS/SCPC Network Service	7168	3072	Annual	$1,327,104.00
132-55	UFA-1033	Global	FSS/SCPC Network Service	7168	4096	Annual	$1,459,814.40
132-55	UFA-1034	Global	FSS/SCPC Network Service	7168	5120	Annual	$1,592,524.80
132-55	UFA-1035	Global	FSS/SCPC Network Service	7168	6144	Annual	$1,725,235.20
132-55	UFA-1036	Global	FSS/SCPC Network Service	7168	7168	Annual	$1,857,945.60
132-55	UFA-1037	Global	FSS/SCPC Network Service	8192	1024	Annual	$1,194,393.60
132-55	UFA-1038	Global	FSS/SCPC Network Service	8192	2048	Annual	$1,327,104.00
132-55	UFA-1039	Global	FSS/SCPC Network Service	8192	3072	Annual	$1,459,814.40
132-55	UFA-1040	Global	FSS/SCPC Network Service	8192	4096	Annual	$1,592,524.80

132-55	UFA-1041	Global	FSS/SCPC Network Service	8192	5120	Annual	$1,725,235.20
132-55	UFA-1042	Global	FSS/SCPC Network Service	8192	6144	Annual	$1,857,945.60
132-55	UFA-1043	Global	FSS/SCPC Network Service	8192	7168	Annual	$1,990,656.00
132-55	UFA-1044	Global	FSS/SCPC Network Service	8192	8192	Annual	$2,123,366.40
Monthly FSS/SCPC Services							
132-55	UFA-1101	Global	FSS/SCPC Network Service	64	64	Monthly	$2,073.60
132-55	UFA-1102	Global	FSS/SCPC Network Service	128	64	Monthly	$3,110.40
132-55	UFA-1103	Global	FSS/SCPC Network Service	128	128	Monthly	$4,147.20
132-55	UFA-1104	Global	FSS/SCPC Network Service	256	128	Monthly	$6,220.80
132-55	UFA-1105	Global	FSS/SCPC Network Service	256	256	Monthly	$8,294.40
132-55	UFA-1106	Global	FSS/SCPC Network Service	512	256	Monthly	$12,441.60
132-55	UFA-1107	Global	FSS/SCPC Network Service	512	512	Monthly	$16,588.80
132-55	UFA-1108	Global	FSS/SCPC Network Service	1024	512	Monthly	$24,883.20
132-55	UFA-1109	Global	FSS/SCPC Network Service	1024	1024	Monthly	$33,177.60
132-55	UFA-1110	Global	FSS/SCPC Network Service	2048	1024	Monthly	$49,766.40
132-55	UFA-1111	Global	FSS/SCPC Network Service	2048	2048	Monthly	$66,355.20
132-55	UFA-1112	Global	FSS/SCPC Network Service	3072	1024	Monthly	$66,355.20
132-55	UFA-1113	Global	FSS/SCPC Network Service	3072	2048	Monthly	$82,944.00
132-55	UFA-1114	Global	FSS/SCPC Network Service	3072	3072	Monthly	$99,532.80
132-55	UFA-1115	Global	FSS/SCPC Network Service	4096	1024	Monthly	$82,944.00
132-55	UFA-1116	Global	FSS/SCPC Network Service	4096	2048	Monthly	$99,532.80
132-55	UFA-1117	Global	FSS/SCPC Network Service	4096	3072	Monthly	$116,121.60
132-55	UFA-1118	Global	FSS/SCPC Network Service	4096	4096	Monthly	$132,710.40
132-55	UFA-1119	Global	FSS/SCPC Network Service	5120	1024	Monthly	$99,532.80
132-55	UFA-1120	Global	FSS/SCPC Network Service	5120	2048	Monthly	$116,121.60
132-55	UFA-1121	Global	FSS/SCPC Network Service	5120	3072	Monthly	$132,710.40
132-55	UFA-1122	Global	FSS/SCPC Network Service	5120	4096	Monthly	$149,299.20
132-55	UFA-1123	Global	FSS/SCPC Network Service	5120	5120	Monthly	$165,888.00
132-55	UFA-1124	Global	FSS/SCPC Network Service	6144	1024	Monthly	$116,121.60
132-55	UFA-1125	Global	FSS/SCPC Network Service	6144	2048	Monthly	$132,710.40
132-55	UFA-1126	Global	FSS/SCPC Network Service	6144	3072	Monthly	$149,299.20
132-55	UFA-1127	Global	FSS/SCPC Network Service	6144	4096	Monthly	$165,888.00
132-55	UFA-1128	Global	FSS/SCPC Network Service	6144	5120	Monthly	$182,476.80
132-55	UFA-1129	Global	FSS/SCPC Network Service	6144	6144	Monthly	$199,065.60
132-55	UFA-1130	Global	FSS/SCPC Network Service	7168	1024	Monthly	$132,710.40
132-55	UFA-1131	Global	FSS/SCPC Network Service	7168	2048	Monthly	$149,299.20

132-55	UFA-1132	Global	FSS/SCPC Network Service	7168	3072	Monthly	$165,888.00
132-55	UFA-1133	Global	FSS/SCPC Network Service	7168	4096	Monthly	$182,476.80
132-55	UFA-1134	Global	FSS/SCPC Network Service	7168	5120	Monthly	$199,065.60
132-55	UFA-1135	Global	FSS/SCPC Network Service	7168	6144	Monthly	$215,654.40
132-55	UFA-1136	Global	FSS/SCPC Network Service	7168	7168	Monthly	$232,243.20
132-55	UFA-1137	Global	FSS/SCPC Network Service	8192	1024	Monthly	$149,299.20
132-55	UFA-1138	Global	FSS/SCPC Network Service	8192	2048	Monthly	$165,888.00
132-55	UFA-1139	Global	FSS/SCPC Network Service	8192	3072	Monthly	$182,476.80
132-55	UFA-1140	Global	FSS/SCPC Network Service	8192	4096	Monthly	$199,065.60
132-55	UFA-1141	Global	FSS/SCPC Network Service	8192	5120	Monthly	$215,654.40
132-55	UFA-1142	Global	FSS/SCPC Network Service	8192	6144	Monthly	$232,243.20
132-55	UFA-1143	Global	FSS/SCPC Network Service	8192	7168	Monthly	$248,832.00
132-55	UFA-1144	Global	FSS/SCPC Network Service	8192	8192	Monthly	$265,420.80
Weekly FSS/SCPC Services							
132-55	UFA-1201	Global	FSS/SCPC Network Service	64	64	Weekly	$803.72
132-55	UFA-1202	Global	FSS/SCPC Network Service	128	64	Weekly	$1,205.58
132-55	UFA-1203	Global	FSS/SCPC Network Service	128	128	Weekly	$1,607.44
132-55	UFA-1204	Global	FSS/SCPC Network Service	256	128	Weekly	$2,411.16
132-55	UFA-1205	Global	FSS/SCPC Network Service	256	256	Weekly	$3,214.88
132-55	UFA-1206	Global	FSS/SCPC Network Service	512	256	Weekly	$4,822.33
132-55	UFA-1207	Global	FSS/SCPC Network Service	512	512	Weekly	$6,429.77
132-55	UFA-1208	Global	FSS/SCPC Network Service	1024	512	Weekly	$9,644.65
132-55	UFA-1209	Global	FSS/SCPC Network Service	1024	1024	Weekly	$12,859.53
132-55	UFA-1210	Global	FSS/SCPC Network Service	2048	1024	Weekly	$19,289.30
132-55	UFA-1211	Global	FSS/SCPC Network Service	2048	2048	Weekly	$25,719.07
132-55	UFA-1212	Global	FSS/SCPC Network Service	3072	1024	Weekly	$25,719.07
132-55	UFA-1213	Global	FSS/SCPC Network Service	3072	2048	Weekly	$32,148.84
132-55	UFA-1214	Global	FSS/SCPC Network Service	3072	3072	Weekly	$38,578.60
132-55	UFA-1215	Global	FSS/SCPC Network Service	4096	1024	Weekly	$32,148.84
132-55	UFA-1216	Global	FSS/SCPC Network Service	4096	2048	Weekly	$38,578.60
132-55	UFA-1217	Global	FSS/SCPC Network Service	4096	3072	Weekly	$45,008.37
132-55	UFA-1218	Global	FSS/SCPC Network Service	4096	4096	Weekly	$51,438.14
132-55	UFA-1219	Global	FSS/SCPC Network Service	5120	1024	Weekly	$38,578.60
132-55	UFA-1220	Global	FSS/SCPC Network Service	5120	2048	Weekly	$45,008.37
132-55	UFA-1221	Global	FSS/SCPC Network Service	5120	3072	Weekly	$51,438.14
132-55	UFA-1222	Global	FSS/SCPC Network Service	5120	4096	Weekly	$57,867.91

132-55	UFA-1223	Global	FSS/SCPC Network Service	5120	5120	Weekly	$64,297.67
132-55	UFA-1224	Global	FSS/SCPC Network Service	6144	1024	Weekly	$45,008.37
132-55	UFA-1225	Global	FSS/SCPC Network Service	6144	2048	Weekly	$51,438.14
132-55	UFA-1226	Global	FSS/SCPC Network Service	6144	3072	Weekly	$57,867.91
132-55	UFA-1227	Global	FSS/SCPC Network Service	6144	4096	Weekly	$64,297.67
132-55	UFA-1228	Global	FSS/SCPC Network Service	6144	5120	Weekly	$70,727.44
132-55	UFA-1229	Global	FSS/SCPC Network Service	6144	6144	Weekly	$77,157.21
132-55	UFA-1230	Global	FSS/SCPC Network Service	7168	1024	Weekly	$51,438.14
132-55	UFA-1231	Global	FSS/SCPC Network Service	7168	2048	Weekly	$57,867.91
132-55	UFA-1232	Global	FSS/SCPC Network Service	7168	3072	Weekly	$64,297.67
132-55	UFA-1233	Global	FSS/SCPC Network Service	7168	4096	Weekly	$70,727.44
132-55	UFA-1234	Global	FSS/SCPC Network Service	7168	5120	Weekly	$77,157.21
132-55	UFA-1235	Global	FSS/SCPC Network Service	7168	6144	Weekly	$83,586.98
132-55	UFA-1236	Global	FSS/SCPC Network Service	7168	7168	Weekly	$90,016.74
132-55	UFA-1237	Global	FSS/SCPC Network Service	8192	1024	Weekly	$57,867.91
132-55	UFA-1238	Global	FSS/SCPC Network Service	8192	2048	Weekly	$64,297.67
132-55	UFA-1239	Global	FSS/SCPC Network Service	8192	3072	Weekly	$70,727.44
132-55	UFA-1240	Global	FSS/SCPC Network Service	8192	4096	Weekly	$77,157.21
132-55	UFA-1241	Global	FSS/SCPC Network Service	8192	5120	Weekly	$83,586.98
132-55	UFA-1242	Global	FSS/SCPC Network Service	8192	6144	Weekly	$90,016.74
132-55	UFA-1243	Global	FSS/SCPC Network Service	8192	7168	Weekly	$96,446.51
132-55	UFA-1244	Global	FSS/SCPC Network Service	8192	8192	Weekly	$102,876.28
Monthly Metered Services							
132-55	UFA-1301	Global	Metered Ku-band Subscription Service - 5 GB per month, Annual Plan	10240	2048	Monthly	$755.67

SIN	CLIN	MSS Subscription Services	Unit Charge	GSA Price
Inmarsat - Legacy Services				
132-55	UMA-0001	GAN - Voice	Per Minute	$1.14
132-55	UMA-0002	GAN - ISDN	Per Minute	$5.23
132-55	UMA-0003	GAN - MPDS	Per Megabit (Mb)	$2.38
132-55	UMA-0004	Fleet - Voice Peak	Per Minute	$1.05
132-55	UMA-0005	Fleet - Voice Off-Peak	Per Minute	$1.05
132-55	UMA-0006	Fleet - 2.4k Fax/Data	Per Minute	$1.05

132-55	UMA-0007	Fleet - ISDN - 64	Per Minute	$5.53
132-55	UMA-0008	Fleet - ISDN -128	Per Minute	$9.96
132-55	UMA-0009	Fleet - MPDS	Per Megabit (Mb)	$2.67
132-55	UMA-0010	Swift - Voice	Per Minute	$1.93
132-55	UMA-0011	Swift - ISDN	Per Minute	$9.78
132-55	UMA-0012	Swift - MPDS	Per Megabit	$4.83
132-55	UMA-0013	Mini-M	Per Minute	$2.26
132-55	UMA-0014	Aero H+	Per Minute	$4.44
		Inmarsat - BGAN		
132-55	UMA-0101	BGAN - Background IP	Per Megabyte (MB)	$5.65
132-55	UMA-0102	BGAN - ISDN to Fixed	Per Minute	$4.81
132-55	UMA-0103	BGAN - Streaming 32	Per Minute	$2.61
132-55	UMA-0104	BGAN - Streaming 64	Per Minute	$4.81
132-55	UMA-0105	BGAN - Streaming 128	Per Minute	$8.38
132-55	UMA-0105	BGAN - Streaming 176	Per Minute	$12.94
132-55	UMA-0106	BGAN - Streaming 256	Per Minute	$14.67
132-55	UMA-0106	BGAN - Xstream	Per Minute	$22.17
132-55	UMA-0107	BGAN - Voice-to-Fixed	Per Minute	$0.83
132-55	UMA-0108	BGAN - Voice-to-Cellular	Per Minute	$0.93
132-55	UMA-0109	BGAN - Voice-to-BGAN or Voicemail	Per Minute	$0.72
132-55	UMA-0110	BGAN - Outgoing SMS	Per SMS	$0.33
132-55	UMA-0111	BGAN - Static Public IP Address	Monthly	$21.66
132-55	UMA-0112	BGAN - Activation Fee	Per Activation	$41.04
132-55	UMA-0113	BGAN - Monthly Fee	Per Month	$34.20
132-55	UMA-0114	BGAN - SIM Card Order	Per Card	$16.53
132-55	UMA-0115	BGAN SCAP 20 SIM 2.55GB Background IP ($5.65/MB overage)	Monthly	$11,200.00
		Inmarsat - FleetBroadband		
132-55	UMA-0201	FleetBroadband - Background IP	Per Megabyte (MB)	$10.21
132-55	UMA-0202	FleetBroadband - ISDN	Per Minute	$5.74
132-55	UMA-0203	FleetBroadband - Streaming (8 kbps)	Per Minute	$0.62
132-55	UMA-0204	FleetBroadband - Streaming (16 kbps)	Per Minute	$1.59
132-55	UMA-0205	FleetBroadband - Streaming (24 kbps)	Per Minute	$2.76
132-55	UMA-0206	FleetBroadband - Streaming (32 kbps)	Per Minute	$3.96
132-55	UMA-0207	FleetBroadband - Streaming (64 kbps)	Per Minute	$5.39
132-55	UMA-0208	FleetBroadband - Streaming (128 kbps)	Per Minute	$15.84

132-55	UMA-0209	FleetBroadband - Streaming (256 kbps)	Per Minute	$31.68
132-55	UMA-0210	FleetBroadband - Voice-to-Fixed	Per Minute	$0.95
132-55	UMA-0211	FleetBroadband - Voice-to-Cellular	Per Minute	$1.18
132-55	UMA-0212	FleetBroadband - Voice-to-FBB or Voicemail	Per Minute	$0.94
132-55	UMA-0213	FleetBroadband - Outgoing SMS	Per SMS	$0.42
132-55	UMA-0214	FleetBroadband - Fixed IP Address	Per Month	$20.98
132-55	UMA-0215	FleetBroadband - Monthly Fee	Per Month	$46.37
132-55	UMA-0216	FleetBroadband - SIM Card Order	Per Card	$16.01
Inmarsat - SwiftBroadband				
132-55	UMA-0301	SwiftBroadband - Background IP (Class 7)	Per Megabyte (MB)	$6.04
132-55	UMA-0302	SwiftBroadband - Background IP (Class 6)	Per Megabyte (MB)	$5.18
132-55	UMA-0303	SwiftBroadband - ISDN	Per Minute	$8.02
132-55	UMA-0304	SwiftBroadband - Streaming (8 kbps)	Per Minute	$0.86
132-55	UMA-0305	SwiftBroadband - Streaming (16 kbps)	Per Minute	$1.73
132-55	UMA-0306	SwiftBroadband - Streaming (32 kbps)	Per Minute	$3.45
132-55	UMA-0307	SwiftBroadband - Streaming (64 kbps)	Per Minute	$7.33
132-55	UMA-0308	SwiftBroadband - Streaming (128 kbps)	Per Minute	$14.65
132-55	UMA-0309	SwiftBroadband - Xstream	Per Minute	$34.44
132-55	UMA-0310	SwiftBroadband - Voice-to-Fixed	Per Minute	$0.95
132-55	UMA-0311	SwiftBroadband - Voice-to-Cellular	Per Minute	$1.21
132-55	UMA-0312	SwiftBroadband - Voice-to-SwiftBroadband	Per Minute	$1.04
132-55	UMA-0313	SwiftBroadband - SMS	Per SMS	$0.43
132-55	UMA-0314	SwiftBroadband - Fixed IP Address	Per Month	$20.75
132-55	UMA-0315	SwiftBroadband - Voicemail Retrieval	Per Minute	$0.69
132-55	UMA-0316	SwiftBroadband - Activation Fee	Per Activation	$431.34
132-55	UMA-0317	SwiftBroadband - SIM Card Order	Per Card	$15.83
Inmarsat – IsatPhone Pro				
132-55	UMA-0401	IsatPhone Pro - Voice/Fax/Data to Fixed	Per Minute	$0.84
132-55	UMA-0402	IsatPhone Pro - Voice/Fax/Data to Cellular	Per Minute	$1.01
132-55	UMA-0403	IsatPhone Pro - Voice/Fax/Data to BGAN/FBB/SBB	Per Minute	$0.84
132-55	UMA-0404	IsatPhone Pro - Voice/Fax/Data to GSPS/SPS	Per Minute	$1.27
132-55	UMA-0405	IsatPhone Pro - Voicemail	Per Minute	$0.84
132-55	UMA-0406	IsatPhone Pro - SMS	Per SMS	$0.42
132-55	UMA-0407	IsatPhone Pro - Subscription Fee	Per Month	$10.15
Iridium - Mobile Satellite Service				

132-55	UMA-0501	Iridium - Voice/Data to Fixed or Cellular	Per Minute	$1.13
132-55	UMA-0502	Iridium - Voice/Data to Iridium Phone	Per Minute	$0.65
132-55	UMA-0503	Iridium - Voice/Data to Iridium Data	Per Minute	$1.13
132-55	UMA-0504	Iridium - Voice/Data to Iridium RUDICS	Per Minute	$1.13
132-55	UMA-0505	Iridium - Voice/Data to other Satellite Systems	Per Minute	$9.44
132-55	UMA-0506	Iridium - Checking Voicemail	Per Minute	$0.65
132-55	UMA-0507	Iridium - Sending SMS (max 160 characters)	Per SMS	$0.41
132-55	UMA-0508	Iridium - Subscription Fee	Per Month	$46.17
132-55	UMA-0509	Iridium - SIM Card Order	Per Card	$10.26
132-55	UMA-0510	Iridium Voice 200+ Annual Plan - 200 SIM cards/48,000 min $1.10 per additional minute	Per Year	$185,644.80
132-55	UMA-0511	Iridium Voice 200+ Monthly Plan 200 SIM cards/4,000 min $1.10 per additional minute	Per Month	$17,789.64
Thuraya - Mobile Satellite Service				
132-55	UMA-0601	Thuraya - Voice/Fax/Data to Thuraya (On-net)	Per Minute	$1.06
132-55	UMA-0602	Thuraya - Voice/Fax/Data to Band 1 (Off-net)	Per Minute	$1.59
132-55	UMA-0603	Thuraya - Voice/Fax/Data to Band 2 (Off-net)	Per Minute	$5.33
132-55	UMA-0605	Thuraya - Sending SMS	Per Text	$0.52
132-55	UMA-0606	Thuraya - GmPRS Activation Fee	Per Activation	$21.36
132-55	UMA-0607	Thuraya - Public IP Address	Per Request	$320.40
132-55	UMA-0608	SIM Card Replacement	Per Card	$21.36
132-55	UMA-0610	ThurayaIP Standard Plan - Activation Fee	Per Activation	$26.70
132-55	UMA-0611	ThurayaIP Standard Plan - Monthly Fee	Per Month	$35.24
132-55	UMA-0612	ThurayaIP Standard Plan - Additional MB Fee	Per Megabyte (MB)	$4.90
132-55	UMA-0613	ThurayaIP 150MB Plan - Activation Fee	Per Activation	$-
132-55	UMA-0614	ThurayaIP 150MB Plan - Monthly Fee	Per Month	$479.53
132-55	UMA-0615	ThurayaIP 150MB Plan - Additional MB Fee	Per Megabyte (MB)	$3.43
132-55	UMA-0616	ThurayaIP 500MB Plan - Activation Fee	Per Activation	$-
132-55	UMA-0617	ThurayaIP 500MB Plan - Monthly Fee	Per Month	$1,393.74
132-55	UMA-0618	ThurayaIP 500MB Plan - Additional MB Fee	Per Megabyte (MB)	$3.20
132-55	UMA-0619	ThurayaIP 1750MB Plan - Activation Fee	Per Activation	$-
132-55	UMA-0620	ThurayaIP 1750MB Plan - Monthly Fee	Per Month	$4,280.54
132-55	UMA-0621	ThurayaIP 1750MB Plan - Additional MB Fee	Per Megabyte (MB)	$2.78
132-55	UMA-0622	ThurayaIP Scratch and Web - Activation Fee	Per Activation	$26.70
132-55	UMA-0623	ThurayaIP Scratch and Web - Monthly Fee	Per Month	$35.24
132-55	UMA-0624	ThurayaIP Scratch and Web - MB Fee	Per Megabyte (MB)	$5.15
132-55	UMA-0625	ThurayaIP Static Public IP Address - Monthly Fee	Per Month	$20.29

132-55	UMA-0626	ThurayaIP All Plans - Streaming (16kbps FWD x 16kbps RTN)	Per Minute	$2.67
132-55	UMA-0627	ThurayaIP All Plans - Streaming (16kbps FWD x 32kbps RTN)	Per Minute	$3.48
132-55	UMA-0628	ThurayaIP All Plans - Streaming (16kbps FWD x 64kbps RTN)	Per Minute	$3.63
132-55	UMA-0629	ThurayaIP All Plans - Streaming (16kbps FWD x 128kbps RTN)	Per Minute	$5.22
132-55	UMA-0630	ThurayaIP All Plans - Streaming (16kbps FWD x 256kbps RTN)	Per Minute	$8.13
132-55	UMA-0631	ThurayaIP All Plans - Streaming (16kbps FWD x 384kbps RTN)	Per Minute	$10.83
132-55	UMA-0632	ThurayaIP All Plans - Streaming (32kbps FWD x 16kbps RTN)	Per Minute	$3.48
132-55	UMA-0633	ThurayaIP All Plans - Streaming (32kbps FWD x 32kbps RTN)	Per Minute	$3.56
132-55	UMA-0634	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$4.13
132-55	UMA-0635	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$6.10
132-55	UMA-0636	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$9.37
132-55	UMA-0637	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$11.45
132-55	UMA-0638	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$3.63
132-55	UMA-0639	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$4.13
132-55	UMA-0640	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$4.70
132-55	UMA-0641	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$6.71
132-55	UMA-0642	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$9.55
132-55	UMA-0643	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$11.63
132-55	UMA-0644	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$5.22
132-55	UMA-0645	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$6.10
132-55	UMA-0646	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$6.71
132-55	UMA-0647	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$9.18
132-55	UMA-0648	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$11.50
132-55	UMA-0649	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$13.58

132-55	UMA-0650	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$8.13
132-55	UMA-0651	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$9.37
132-55	UMA-0652	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$9.55
132-55	UMA-0654	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$13.79
132-55	UMA-0655	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$15.91
132-55	UMA-0656	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$10.83
132-55	UMA-0657	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$11.45
132-55	UMA-0658	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$11.63
132-55	UMA-0659	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$13.58
132-55	UMA-0660	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$15.91
132-55	UMA-0661	ThurayaIP All Plans - Streaming (32kbps FWD x 64kbps RTN)	Per Minute	$17.24

MFR NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	MSRP
UltiSat	UFE-0108	1.2 meter Ku-Band Motorized VSAT Terminal	1.2 meter Ku-Band Motorized Mobile VSAT Antenna w/16-watt Ku-Band BUC, BUC P/S and PLL LNB	$38,084.55/each
UltiSat	UFA-1301	Metered Ku-band Subscription Service	Metered Ku-band Subscription Service - 5 GB per month, Annual Plan	$787.50/month
UltiSat	UMA-0510	Iridium Voice 200+ Annual Plan	Iridium Voice 200+ Annual Plan, includes: • 200 SIM cards • 48,000 minutes included ISU to PSTN or equivalent SMS • Valid for 12 months • $1.10 per additional minute • Year-end-Balance Roll-Over option supported • $843.84 per additional SIM card + 240 minutes added to pool	$193,465.09/yr.
UltiSat	UMA-0511	Iridium Voice 200+ Monthly Plan	Iridium Voice 200+ Monthly Plan, includes: • 200 SIM cards • 4,000 minutes ISU to PSTN or equivalent SMS • Service can be terminated at any time • $1.10 per additional minute	$18,539.03/month
UltiSat	UMA-0115	BGAN SCAP Monthly Service	BGAN SCAP 20 SIM 2.55GB Background IP ($5.65/MB overage)	$11,671.80/month
Iridium	IR-00-EPKT1101	9575 Satellite Phone	Iridium 9575 Satellite Phone Kit Including All Standard Accessories	$1,573.75
AdvanceTec	AT-01-9575-Cradle-Chg	AdvanceTec 9575 Charging Cradle with Buzzer and Privacy Handset	Desktop Dock - AdvanceTec 9575 Charging Cradle with Buzzer and Privacy Handset	$650.00/each

AdvanceTec	AT-01-9575-Car-Kit	AdvanceTec 9575 Car-Kit	AdvanceTec 9575 Car-Kit, without Cradle	$482.00/each
AdvanceTec	AA-01-AT1621-5	AeroAntenna Iridium antenna	AeroAntenna Iridium antenna for vehicle fixed mount, 5m cable	$235.00/each
Agilis	ALB129-STD-KU-16W	ALB SERIES 129 BUC	ALB SERIES 129 BUC, STD KU-BAND, 16W STANDALONE INCLUDES: - KU 16W BUC, Screws & O-Ring Accessories, 2m Ethernet Cables, 2m M & C Serial Cables	$7,995.00
Norsat	1107H	PLL Ku-Band VSAT LNB	Norsat 1107H Series Ku-Band LNB: Models1107HA - 11.70- 12.20 GHz., 1107HB-12.25-12.75 GHz, 1107HC - 10.95-11.70 GHz, type-N or type-F connector, frequency 10.75 GHz., noise 0.8 dBm and WR75 waveguide input. 10 kHz Stability	$395.00
Hughes	HN-00-3500566-1	9202 BGAN Satellite Terminal Kit	9202 Terminal Kit Includes: Hughes 9202 satellite modem, Ethernet Cable, AC/DC Charger, Rechargeable Lithium-ion Battery	$2,960.00
iDirect	BP500081eM	15152 5IF Hub with 3 eM1D1 Line Cards	15152 5IF Hub with 3 eM1D1 Line Cards: HUB, MODEL 15152, 5IF, GIGE, UNRESTRICTED, 220VAC, RCM-PPS (1)	$482,818.00
iDirect	BP500081	Model 15152 Universal 20-slot 5IF HUB - 3 XLC-11	Model 15152 Universal 20-slot 5IF HUB, includes 3 XLC-11	$464,073.00
iDirect	BP500328	Model 15152 Universal 20-slot 5IF HUB - 1 DLC	Model 15152 Universal 20-slot 5IF HUB, includes 1 DLC-T FIPS Level 3 and 1 DLC-R FIPS Level 3	$462,833.00
iDirect	BP500301	Model 15152 Universal 20-slot 5IF HUB - 3 eM1D1 (PAYG)	Model 15152 Universal 20-slot 5IF HUB (PAYG), includes 3 eM1D1	$249,985.00

iDirect	BP500301XLC	Model 15152 Universal 20-slot 5IF HUB - 3 XLC-11 (PAYG)	Model 15152 Universal 20-slot 5IF HUB (PAYG), includes 3 XLC-11	$231,250.00
iDirect	BP500327	Model 15152 Universal 20-slot 5IF HUB - 1 DLC (PAYG)	Model 15152 Universal 20-slot 5IF HUB (PAYG), includes 1 DLC-T FIPS Level 3 and 1 DLC-R FIPS Level 3	$230,000.00
iDirect	BP12202U	Model 12202 Universal 4-slot HUB (1IF, includes 2 eM1D1)	Model 12202 Universal 4-slot HUB (1IF, includes 2 eM1D1)	$221,738.00
iDirect	BP12202U-OM	MODEL 12202 Universal 4 Slot Hub, 4 IF, with 2 eM1D1 Line cards	MODEL 12202 Universal 4 Slot Hub, 4 IF, with 2 eM1D1 Line cards	$309,238.00
iDirect	K0000017-0002	Evolution eM1D1 (Single Modulator, Single Demodulator)	Kit, EVOLUTION eM1D1 LINE CARD, ROHS (Single Modulator, Single Demodulator)	$49,995.00
iDirect	K0000017-0005	eM1D1 FIPS L2 Line Card	Kit, Evolution eM1D1-FIPSL2 (FIPS 140-2 Level 2, Single Modulator, Single Demodulator)	$62,495.00
iDirect	K0000017-0006	eM0DM	Kit, Evolution eM0DM (Single Demodulator, upgradeable to multi-demod)	$29,995.00
iDirect	K0000017-0007	eM0DM-FIPSL2 Line Card	Kit, Evolution eM0DM-FIPSL2 (FIPS 140-2 Level 2, Single Demodulator, upgradeable to multidemod)	$42,495.00
iDirect	K0000017-0003	XLC-11	Kit, EVOLUTION XLC-11 LINE CARD, ROHS	$43,750.00
iDirect	K0000017-0004	XLC-M	Kit, EVOLUTION XLC-M LINE CARD, ROHS	$18,750.00
iDirect	K0000117-0010	DLC-T FIPS L3	Kit, DLC-T FIPS Level 3 Single DVB-S2 Modulator	$55,000.00
iDirect	K0000118-0010	DLC-R FIPS L3	Kit, DLC-R FIPS Level 3 Single Demodulator	$75,000.00

iDirect	LIC0000021	TIMING/SLOT GROUP #2	Single Pay-as-You-Grow Slot Group #2, HUB	$87,500.00
iDirect	LIC0000021-A	TIMING/SLOT GROUP #2-#5	Four Pay-as-You-Grow Slot Groups #2-#5, HUB	$297,500.00
iDirect	LIC0000095	EVOLUTION 4-DEMOD TDMA	Evolution 4-demod TDMA License for eM0DM multichannel operation (upgrades eM0DM to 4 TDMA demods)	$48,750.00
iDirect	LIC0000092	iDirect eM0DM 8-Channel TDMA License	iDirect eM0DM 8-Channel TDMA License	$95,000.00
iDirect	LIC0000094	EVOLUTION 8-DEMOD SCPC Return License	Evolution 8-demodSCPC Return License FOR EM0DM MULTICHANNEL OPERATION IDX 3.0 & UP	$20,000.00
iDirect	LIC0000086	EVOLUTION 4-DEMOD TDMA LICENSE FOR XLC-M MULTICHANNEL OPERATION IDX 3.0 & UP	Evolution 4-demod TDMA License for XLC-M multichannel operation (upgrades XLC-M to 4 TDMA demods)	$35,000.00
iDirect	LIC0000089	EVOLUTION 8-DEMOD TDMA LICENSE FOR XLC-M MULTICHANNEL OPERATION IDX 3.0 & UP	Evolution 8-demod TDMA License for XLC-M multichannel operation (upgrades XLC-M to 8 TDMA demods)	$67,500.00
iDirect	LIC0000114	LICENSE, 16-CHANNEL NARROWBAND TDMA, XLC-M	LICENSE, 16-CHANNEL NARROWBAND TDMA, XLC-M	$32,250.00
iDirect	LIC0000091	EVOLUTION 8-DEMOD SCPC RETURN LICENSE FOR XLC-M MULTICHANNEL OPERATION IDX 3.0 & UP	Evolution 8-demod SCPC Return License for XLC-M multichannel operation (upgrades XLC-M to 8 SCPC Return demods)	$5,000.00

iDirect	LIC0000085	S2 TRANSEC SOFTWARE LICENSE, PER EM1D1 IDX 2.2 & UP	LICENSE, S2 TRANSEC, PER EM1D1, IDX 2.2 & UP	$24,995.00
iDirect	LIC0000115	eM0DM TRANSEC, Single Channel License	eM0DM TRANSEC, Single Channel License, per eM0DM, iDX 2.2 and UP	$24,995.00
iDirect	LIC0000119	eM0DM TRANSEC 4-Channel License	iDirect eM0DM TRANSEC 4-Channel License (requiresTRANSEC single channel license)	$37,500.00
iDirect	LIC0000124	eM0DM TRANSEC 8-Channel License	eM0DM TRANSEC 8-Channel License (requires TRANSEC single channel license)	$87,500.00
iDirect	LIC0000037	AES 256 ENCRYPTION TRANSEC PP	LICENSE, AES 256 ENCRYPTION, TRANSEC, SERVER	$12,494.00
iDirect	K0000184-0001	NMS Server	KIT,DELL NMS SERVER	$10,000.00
iDirect	K0000185-0001	PP Server	KIT, DELL Protocol Processor Server	$10,000.00
iDirect	BP500081CH	iDirect Model 15152 Universal 20-slot Expansion Chassis Evolution	iDirect Model 15152 Universal 20-slot Expansion Chassis Evolution	$111,250.00
iDirect	LIC0000166	DLC-T One-way TRANSEC License	DLC-T One-way TRANSEC License	$22,500.00
iDirect	LIC0000167	DLC-R TDMA 4-Channel License	DLC-R 4-Channel TDMA License	$75,000.00
iDirect	LIC0000169	DLC-R TDMA 8-Channel License	DLC-R 8-Channel TDMA License	$100,000.00
iDirect	LIC0000170	DLC-R TRANSEC 1-Channel License	DLC-R 1-Channel TRANSEC License	$24,995.00

iDirect	BP500367	DLC-R TRANSEC 4-Channel and Single Channel License Bundle	DLC-R 4-Channel TRANSEC License (includes TRANSEC single channel license) NOTE: Requires 4-Channel TDMA license	$62,495.00
iDirect	BP500368	DLC-R TRANSEC 8-Channel and Single Channel License Bundle	DLC-R 8-Channel TRANSEC License (includes TRANSEC single channel license) NOTE: Requires 8-Channel TDMA license	$112,495.00
iDirect	VNO	VNO license, No HW	iDirect Software VNO; license only, includes no hardware	$25,000.00
iDirect	LIC0000139	iDRAC7 Enterprise License	iDRAC7 Enterprise License for the 12th Gen Dell PowerEdge server	$721.09
iDirect	K0000177-0001	ICONNEX 900 REMOTE	KIT, ICONNEX 900 REMOTE, ROHS	$18,500.00
iDirect	K0000160-0001	9350 SATELLITE ROUTER (AC)	KIT,9350 SATELLITE ROUTER, W/ 300W AC POWER SUPPLY, ROHS	$19,500.00
iDirect	K0000160-0002	9350 SATELLITE ROUTER (DC)	KIT,9350 SATELLITE ROUTER, W/ 300W DC POWER SUPPLY, ROHS	$19,500.00
iDirect	K0000172-0001	950MP Integrated Router Board	KIT, 950MP INTEGRATED ROUTER BOARD, ROHS	$18,500.00
iDirect	K0000142-0003	980 Airborne Integrated Router Board	KIT, 980 AERO DEFENSE INTEGRATED BOARD, ROHS	$65,000.00
iDirect	K0000171-0001	9800 AE	Evolution, 9800 AE Arinc 600 Satellite Router	$125,000.00
iDirect	K0000173-0001	9800 AR	Evolution, 9800 AR Satellite Router	$97,500.00

iDirect	E0002006-0001	e8000 AE ARINC 600 Airborne Router	EVOLUTION, e8000 AE ARINC 600 SATELLITE ROUTER	$97,500.00
iDirect	E0002070-0001	E8000 AR XL SATELLITE ROUTER	EVOLUTION, E8000 AR XL SATELLITE ROUTER	$74,500.00
iDirect	K0000014-0015	EVOLUTION E8350, 24V	Kit, EVOLUTION E8350 SATELLITE ROUTER, 24V, ROHS	$13,327.00
iDirect	K0000014-0016	EVOLUTION E8350, 48V	Kit, EVOLUTION E8350 SATELLITE ROUTER, 48V, ROHS	$14,660.00
iDirect	K0000014-0017	e8350-FIPSL2-24 VDC	KIT, EVOLUTION E8350-FIPS L2 SATELLITE ROUTER,24V BUC	$16,660.00
iDirect	K0000014-0018	e8350-FIPSL2-48VDC	KIT, EVOLUTION E8350-FIPS L2 SATELLITE ROUTER,48V BUC	$17,993.00
iDirect	K0000044-0024	EVOLUTION, ICONNEX-E800, IDX 2.3.0	KIT,EVOLUTION,ICONNEX-E800,CONFORMAL,LAN B,IDX 2.3.0,ROHS	$13,327.00
iDirect	K0000044-0017	EVOLUTION ICONNEX E800-FIPSL2	KIT, EVOLUTION ICONNEX E800-FIPSL2	$16,660.00
iDirect	K0000044-0022	EVOLUTION, ICONNEX-E850MP, IDX 2.3.0	KIT, EVOLUTION, ICONNEX-E850MP, IDX 2.3.0, ROHS	$13,327.00
iDirect	K0000044-0003	EVOLUTION, ICONNEX-E850MP-IND	KIT,EVOLUTION,ICONNEX-E850MP-IND,ROHS	$15,220.00
iDirect	K0000044-0006	EVOLUTION,ICONNEX-E850MP-IND W/O HEAT SINK,ROHS	KIT,EVOLUTION,ICONNEX-E850MP-IND W/O HEAT SINK, ROHS	$15,220.00
iDirect	K0000044-0008	EVOLUTION, ICONNEX-E850MP FIPS L2	Kit, EVOLUTION, ICONNEX-E850MP FIPS L2, ROHS	$16,660.00

iDirect	K0000121-0001	e150 Evolution, iConnex Router	KIT, EVOLUTION ICONNEX E150	$2,660.00
iDirect	LIC0000138	LICENSE, AES 256 ENCRYPTION E150	LICENSE, AES 256 ENCRYPTION, E150	$220.00
iDirect	P0000033-0001	e8350 PSU, 24V	POWER SUPPLY, SWITCHING, HOT SWAP +24V, 300W FOR e8350	$400.00
iDirect	P0001032-0001	REMOTE PS C5	POWER SUPPLY,SINGLE O/P,EXT,+24V,5.0A,W/4 PIN KPP CONN, ROHS	$96.00
iDirect	4118-000-0001	PWR CRD C14 EUROPEAN	POWER CORD AC 8500.098 C14 - EUROPEAN	$55.00
iDirect	P0001034-0001	PWR CRD C5, US	POWER CORD,AC,IEC-320-C5,10A/125V,BLK,ROHS - US	$55.00
iDirect	9131-0104-0001	RACK ADAPTOR 3000/5000/X3/X5	Kit,MOUNTING,2U RACK ADAPTOR, SERIES 3000/5000/X3/X5, ROHS	$155.00
iDirect	9131-0021-0001	MUSIC BOX	Kit, MULTI-USER SUMMING CHASIS (MUSIC) BOX	$6,200.00