



TeleCommunication Systems Inc.

Authorized Federal Supply Service Information Technology Schedule Pricelist General Purpose Commercial Information Technology Equipment, Software and Services

General Description of the Commodities and Services Offered Application SIN, FSC Classes and FPDS Codes

	DESCRIPTION	FSC CLASS/FPDS CODE
SIN 132-8	Purchase of Equipment	5805 Telephone and Telegraph Equipment 5810 Communications Security Equipment and Components 5895 Miscellaneous Communications Equipment 5995 Communication Equipment Cable
SIN 132-12	Maintenance of Equipment	J070 Maintenance
SIN 132-32	Term Software Licenses	7030 Information Technology Software
SIN 132-33	Perpetual Software Licenses	7030 Information Technology Software
SIN 132-34	Maintenance of Software as a Service	
132-50	TRAINING COURSES FOR GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT AND SOFTWARE	
SIN 132-51	Information Technology Professional Services	D301 IT Facility Operation and Maintenance D302 IT Systems Development Services D306 IT Systems Analysis Services D308 Programming Services D311 IT Data Conversion Services D316 IT Network Management Services D317 Automated News Services, Data Services, or Other Information Services
SIN 132-54	COMSATCOM Transponded Capacity	D304 ADP Services/Telecom & Transmission
SIN 132-55	COMSATCOM Subscription Services	D304 ADP Services/Telecom & Transmission

Note 1: Offerors and Agencies are advised that the Group 70 – Information Technology Schedule is not to be used as a means to procure services which properly fall under the Brooks Act. These services include, but are not limited to, architectural, engineering, mapping, cartographic production, remote sensing, geographic information systems, and related services. FAR 36.6 distinguishes between mapping services of an A/E nature and mapping services which are not connected nor incidental to the traditionally accepted A/E Services.

Note 2: This solicitation is not intended to solicit the reselling of IT Professional Services, except for the provision of implementation, maintenance, integration, or training services in direct support of a product. Under such circumstances the services must be performed by the publisher or manufacturer or one of their authorized agents.

TeleCommunication Systems, Inc.

275 West Street

Annapolis, MD 21401

(410) 263-7616 FAX: (410) 280-4840

www.comtech-mct.com

Contract Number: **GS-35F-007HA**

Period Covered by Contract: **October 2, 2017 through October 1, 2022**

Pricelist current through Modification # **PS-0009 (09/23/2019)**

General Services Administration

Federal Supply Service

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

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GENERAL SERVICES ADMINISTRATION FEDERAL SUPPLY SERVICE AUTHORIZED FEDERAL SUPPLY
SCHEDULE CATALOG/PRICE LIST

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through GSA *Advantage!*, a menu-driven database system. The INTERNET address for GSA *Advantage!* is <http://www.gsaadvantage.gov>

SCHEDULE TITLE: Federal Supply Schedule 70 – General Purpose Commercial Information
Technology Equipment, Software and Services
FSG 70: ADP Equipment Software, Supplies, Equipment

CONTRACT NUMBER: GS-35F- 007HA

CONTRACT PERIOD: October 2, 2017 through October 1, 2022

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at www.fss.gsa.gov

CONTRACTOR: TeleCommunication Systems, Inc.
275 West St
Annapolis MD 21401

CONTRACTOR'S ADMINISTRATION SOURCE: POC. Tina Myles
Phone: 410-280-1052
E-mail: tina.myles@comtechtel.com

BUSINESS SIZE: Other than small

CONTRACT INFORMATION:

1. TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINs)

SIN	DESCRIPTION
132-8	Purchase of New Equipment
132-12	Equipment Maintenance
132-32	Term Software License
132-33	Perpetual Software License
132-34	Maintenance of Software as a Service

- 132-50 Training Courses For General Purpose Commercial Information Technology Equipment And Software
- 132-51 Information Technology Professional Services
- 132-54 Commercial Satellite Communications (COMSATCOM) Transponded Capacity
- 132-55 Commercial Satellite Communications (COMSATCOM) Subscription Services

2. MAXIMUM ORDER*: \$500,000 per SIN

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

3. MINIMUM ORDER: \$100

4. GEOGRAPHIC COVERAGE: Domestic delivery within the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories. Note that for products, domestic delivery also includes a port or consolidation point, within the aforementioned areas, for orders received from overseas activities.

5. POINT(S) OF PRODUCTION: USA

6. DISCOUNT FROM LIST PRICES: Prices shown are GSA net prices

7. QUANTITY/VOLUME DISCOUNT: None - except for TELECOMMUNICATION SYSTEMS, INC. SNAP (additional 3% for 10 or more units) and ETC Wireless (additional 1% for 10 or more units)

8. PROMPT PAYMENT TERMS: None

9. Government Purchase Cards are accepted at or below the micro-purchase threshold. Also accepted at or above the micro-purchase threshold.

10. FOREIGN ITEMS: N/A

11a. TIME OF DELIVERY: Negotiated at Task Order Level

11b. EXPEDITED DELIVERY: Negotiated at Task Order Level

11c. OVERNIGHT AND 2-DAY DELIVERY: Negotiated at Task Order Level

11d. URGENT REQUIRMENTS: Agencies can contact the Contractor's representative to affect a faster delivery. Customers are encouraged to contact the contractor for the purpose of requesting accelerated delivery.

12. FOB POINT: Destination

Note: All travel required in the performance of this contract and orders placed hereunder must comply with the Federal Travel Regulations (FTR) or Joint Travel Regulations (JTR), as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all contractor travel. Contractors cannot use GSA city pair contracts. The contractor shall not add the Industrial Funding Fee onto travel costs.

13a. ORDERING ADDRESS: Same as Contractor's address.

13b. ORDERING PROCEDURES: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3.

14. PAYMENT ADDRESS:

TeleCommunication Systems, Inc.
Department CH17107
Account # 3300649615
Palatine, IL 60055-7107.

15. WARRANTY PROVISION: Standard Commercial Warranty. Customers should contact the contractor for a copy of the warranty.

16. EXPORT PACKING CHARGES: Not applicable.

17. TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE: Accepted at or below the micro-purchase threshold. Also accepted at or above the micro-purchase threshold.

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

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

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

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

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

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

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

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

24b. Section 508 Compliance for EIT: N/A

25. DUNS NUMBER: 196970503

**TERMS AND CONDITIONS APPLICABLE TO GENERAL PURPOSE COMMERCIAL INFORMATION
TECHNOLOGY EQUIPMENT (SIN 132-8)**

1. Material and Workmanship

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

2. Order

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

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

3. Transportation of Equipment

FOB DESTINATION. Prices cover TELECOMMUNICATION SYSTEMS, INC. equipment delivery to destination, for any location within the geographic scope of this contract. Shipping and related costs of equipment for which TELECOMMUNICATION SYSTEMS, INC. is a reseller, is not included.

4. Installation and Technical Services

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

b. INSTALLATION, DEINSTALLATION, REINSTALLATION. The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of \$2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall 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.

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

5. Inspection/Acceptance

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any equipment that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming equipment at no increase in contract price. The ordering

activity must exercise its postacceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

6a. Warranty

- a. Unless specified otherwise in this contract, the Contractor's standard commercial warranty as stated in the contract's commercial pricelist will apply to this contract.
- b. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.
- c. **Limitation of Liability.** Except as otherwise provided by an express or implied warranty, the Contractor will not be liable to the ordering activity for consequential damages resulting from any defect or deficiencies in accepted items.
- d. If inspection and repair of defective equipment under this warranty will be performed at the Contractor's plant, the address is as follows:

**TeleCommunication Systems, Inc.
CCT-Production Facility
212 Outlook Pointe Drive, Suite 101
Orlando, Florida 32809**

7. Purchase Price for Ordered Equipment

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

8. Responsibilities of TeleCommunication Systems, Inc.

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

9. Trade-In of Information Technology Equipment

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

TERMS AND CONDITIONS APPLICABLE TO MAINTENANCE, REPAIR SERVICE AND REPAIR PARTS/SPARE PARTS FOR GOVERNMENT-OWNED GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT (AFTER EXPIRATION OF GUARANTEE/WARRANTY PROVISIONS AND/OR WHEN REQUIRED SERVICE IS NOT COVERED BY GUARANTEE/WARRANTY PROVISIONS) AND FOR LEASED EQUIPMENT (SIN 132-12)

1. Service Areas

a. The maintenance and repair service rates listed herein are applicable to any ordering activity location within a 50-mile radius of the Contractor's service points. If any additional charge is to apply because of the greater distance from the Contractor's service locations, the mileage rate or other distance factor shall be stated in paragraph 8.d of this Special Item Number 132-12.

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

**TeleCommunication Systems, Inc.
CCT-Production Facility
212 Outlook Pointe Drive, Suite 101
Orlando, Florida 32809**

2. Maintenance Order

a. Agencies may use written orders, EDI orders, credit card orders, or BPAs, for ordering maintenance under this contract. The Contractor shall confirm orders within fifteen (15) calendar days from the date of receipt, except that confirmation of orders shall be considered automatic for renewals for maintenance (Special Item Number 132-12). Automatic acceptance of order renewals for maintenance service shall apply for machines which may have been discontinued from use for temporary periods of time not longer than 120 calendar days. If the order is not confirmed by the Contractor as prescribed by this paragraph, the order shall be considered to be confirmed by the Contractor.

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

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

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

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

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

3. Repair Service and Repair Parts/Spare Parts Orders

- a. Agencies may use written orders, EDI orders, credit card orders, blanket purchase agreements (BPAs), or small order procedures for ordering repair service and/or repair parts/spare parts under this contract. Orders for repair service shall not extend beyond the end of the contract period.
- b. When repair service is ordered, only one chargeable repairman shall be dispatched to perform repair service, unless the ordering activity agrees, in advance, that additional repair personnel are required to effect repairs.

4. Loss or Damage

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

5. Scope

- a. The Contractor shall provide maintenance for all equipment listed herein, as requested by the ordering activity during the contract term. Repair service and repair parts/spare parts shall apply exclusively to the equipment types/models within the scope of this Information Technology Schedule.
- b. Equipment placed under maintenance service shall be in good operating condition.
 - (1) In order to determine that the equipment is in good operating condition, the equipment shall be subject to inspection by the Contractor, without charge to the ordering activity.
 - (2) Costs of any repairs performed for the purpose of placing the equipment in good operating condition shall be borne by the Contractor, if the equipment was under the Contractor's guarantee/warranty or maintenance responsibility prior to the effective date of the maintenance order.
 - (3) If the equipment was not under the Contractor's responsibility, the costs necessary to place the equipment in proper operating condition are to be borne by the ordering activity, in accordance with the provisions of Special Item Number 132-12 (or outside the scope of this contract).

6. Responsibilities of the Ordering Activity

- a. Ordering activity personnel shall not perform maintenance or attempt repairs to equipment while such equipment is under the purview of a maintenance order, unless agreed to by the Contractor.
- b. Subject to security regulations, the ordering activity shall permit access to the equipment which is to be maintained or repaired.

7. Responsibilities of TeleCommunication Systems, Inc.

For equipment not covered by a warranty or extended warranty, the Contractor's repair service personnel shall complete repairs as soon as possible after notification by the ordering activity that service is required. Within the service areas, this repair service should normally be done within 4 hours after notification.

8. Repair Service Rate Provisions

- a. The Contractor shall bear all costs of maintenance, including labor, parts, and such other expenses as are necessary to keep the equipment in good operating condition, provided that the required repairs are not occasioned by fault or negligence of the ordering activity.
- b. **REGULAR HOURS**
The basic monthly rate for each make and model of equipment shall entitle the ordering activity to maintenance service during a mutually agreed upon nine (9) hour principal period of maintenance, Monday through Friday, exclusive of holidays observed at the ordering activity location.

c. AFTER HOURS

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

d. TRAVEL AND TRANSPORTATION

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

e. QUANTITY DISCOUNTS

SNAP: add 3% discount for 10 or more units.

9. Repair Service Rate Provisions

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

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

c. TRAVEL OR TRANSPORTATION

(1) AT THE CONTRACTOR'S SHOP

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

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

d. LABOR RATES

(1) REGULAR HOURS

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

(2) AFTER HOURS

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

(3) SUNDAYS AND HOLIDAYS

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

10. Repair Parts/Spare Parts Rate Provisions

All parts, furnished as spares or as repair parts in connection with the repair of equipment, unless otherwise indicated in this pricelist, shall be new, standard parts manufactured by the equipment manufacturer.

11. Guarantee/Warranty – Repair Service and Repair Parts/Spare Parts

a. REPAIR SERVICE

All repair work will be guaranteed/warranted for a period of 30 days.

b. REPAIR PARTS/SPARE PARTS

All parts, furnished either as spares or repairs parts will be guaranteed/warranted for a period of 1 year.

12. Invoices and Payments

a. Maintenance Service

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

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

b. Repair Service and Repair Parts/Spare Parts

Invoices for repair service and parts shall be submitted by the Contractor as soon as possible after completion of work. Payment under blanket purchase agreements will be made quarterly or monthly, except where cash payment procedures are used. Invoices shall be submitted separately to each ordering activity office ordering services under the contract. The cost of repair parts shall be shown as a separate item on the invoice, and shall be priced in accordance with paragraph #7, above. PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.

TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF TERM SOFTWARE LICENSES (SIN 132-32), PERPETUAL SOFTWARE LICENSES (SIN 132-33), AND MAINTENANCE (SIN 132-34) OF GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY SOFTWARE

1. Inspection/Acceptance

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any software that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming software at no increase in contract price. The ordering activity must exercise its 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 software, unless the change is due to the defect in the software.

2. Guarantee/Warranty

a. Unless specified otherwise in this contract, Telebright's standard commercial guarantee/warranty as stated in the contract's commercial pricelist will apply to this contract. TeleCommunication Systems Inc. is not the manufacturer of the products included in this offer. Therefore, we supply no commercial warranty.

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

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.

3. Technical Services

To be provided by Telebright.

4. Software Maintenance

Not applicable.

5. Periods of Term Licenses (132-32) And Maintenance (132-34)

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

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

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

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

6. Term License Cessation

Not Applicable

7. Maintenance Cessation

Not Applicable

8. Utilization Limitations - (132-32, 132-33, AND 132-34)

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

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

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

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

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

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

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

9. Software Conversions - (132-32 AND 132-33)

To be allowed in accordance with Telebright's policies, terms and conditions.

10. Descriptions and Equipment Compatibility

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

11. Right-To-Copy Pricing

Must follow manufacturer policies.

TRAINING COURSES FOR GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT AND SOFTWARE (SIN 132-50)

1. SCOPE

- a. The Contractor shall provide training courses normally available to commercial customers, which will permit ordering activity users to make full, efficient use of general purpose commercial IT products. Training is restricted to training courses for those products within the scope of this solicitation.
- b. The Contractor shall provide training at the Contractor's facility and/or at the ordering activity's location, as agreed to by the Contractor and the ordering activity.

2. ORDER

Written orders, EDI orders (GSA Advantage! and FACNET), credit card orders, and orders placed under blanket purchase agreements (BPAs) shall be the basis for the purchase of training courses in accordance with the terms of this contract. Orders shall include the student's name, course title, course date and time, and contracted dollar amount of the course.

3. TIME OF DELIVERY

The Contractor shall conduct training on the date (time, day, month, and year) agreed to by the Contractor and the ordering activity.

4. CANCELLATION AND RESCHEDULING

- a. The ordering activity will notify the Contractor at least seventy-two (72) hours before the scheduled training date, if a student will be unable to attend. The Contractor will then permit the ordering activity to either cancel the order or reschedule the training at no additional charge. In the event the training class is rescheduled, the ordering activity will modify its original training order to specify the time and date of the rescheduled training class.
- b. In the event the ordering activity fails to cancel or reschedule a training course within the time frame specified in paragraph a, above, the ordering activity will be liable for the contracted dollar amount of the training course. The Contractor agrees to permit the ordering activity to reschedule a student who fails to attend a training class within ninety (90) days from the original course date, at no additional charge.
- c. The ordering activity reserves the right to substitute one student for another up to the first day of class.
- d. In the event the Contractor is unable to conduct training on the date agreed to by the Contractor and the ordering activity, the Contractor must notify the ordering activity at least seventy-two (72) hours before the scheduled training date.

5. FOLLOW-UP SUPPORT

The Contractor agrees to provide each student with unlimited telephone support or online support for a period of one (1) year from the completion of the training course. During this period, the student may contact the Contractor's instructors for refresher assistance and answers to related course curriculum questions.

6. PRICE FOR TRAINING

The price that the ordering activity will be charged will be the ordering activity training price in effect at the time of order placement, or the ordering activity price in effect at the time the training course is conducted, whichever is less.

7. INVOICES AND PAYMENT

Invoices for training shall be submitted by the Contractor after ordering activity completion of the training course. Charges for training must be paid in arrears (31 U.S.C. 3324). PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.

8. FORMAT AND CONTENT OF TRAINING

a. The Contractor shall provide written materials (i.e., manuals, handbooks, texts, etc.) normally provided with course offerings, printed and copied two-sided on paper containing 30% postconsumer materials (fiber). Such documentation will become the property of the student upon completion of the training class.

b. ****If applicable**** For hands-on training courses, there must be a one-to-one assignment of IT equipment to students.

c. The Contractor shall provide each student with a Certificate of Training at the completion of each training course.

d. The Contractor shall provide the following information for each training course offered:

(1) The course title and a brief description of the course content, to include the course format (e.g., lecture, discussion, hands-on training);

(2) The length of the course;

(3) Mandatory and desirable prerequisites for student enrollment;

(4) The minimum and maximum number of students per class;

(5) The locations where the course is offered;

(6) Class schedules; and

(7) Price (per student, per class (if applicable)).

e. For those courses conducted at the ordering activity's location, instructor travel charges (if applicable), including mileage and daily living expenses (e.g., per diem charges) are governed by Pub. L. 99-234 and FAR Part 31.205-46, and are reimbursable by the ordering activity on orders placed under the Multiple Award Schedule, as applicable, in effect on the date(s) the travel is performed. Contractors cannot use GSA city pair contracts. The Industrial Funding Fee does NOT apply to travel and per diem charges.

f. For Online Training Courses, a copy of all training material must be available for electronic download by the students.

SIN	Course Title	Course Length	Minimum Participants	Maximum Participants	Price per Student per Day (based on Max attendance)	GSA Price (including IFF)	QUANTITY/ VOLUME DISCOUNT
132-50	CYBRScore Reskilling Academy Cohort - Cyber Defense Analyst	12 weeks	10	24	\$224	\$14,962	Pricing based on per candidate entered into the cohort. Minimum cohort size of 10 candidates. Volume discounts: 11-20 students - 5% 21-24 student - 10%

SIN	Course Title	Course Length	Minimum Participants	Maximum Participants	Price per Student per Day (based on Max attendance)	GSA Price (including IFF)	QUANTITY/ VOLUME DISCOUNT
132-50	CYBRScore Reskilling Academy Cohort - Vulnerability Assessment Analyst	12 weeks	10	24	\$224	\$14,962	Pricing based on per candidate entered into the cohort. Minimum cohort size of 10 candidates. Volume discounts: 11-20 students - 5% 21-24 student - 10%
132-50	CYBRScore Reskilling Academy Cohort - Cyber Defense Forensics Analyst	12 weeks	10	24	\$224	\$14,962	Pricing based on per candidate entered into the cohort. Minimum cohort size of 10 candidates. Volume discounts: 11-20 students - 5% 21-24 student - 10%
132-50	CYBRScore Reskilling Academy Cohort - System Administration	12 weeks	10	24	\$224	\$14,962	Pricing based on per candidate entered into the cohort. Minimum cohort size of 10 candidates. Volume discounts: 11-20 students - 5% 21-24 student - 10%

SIN	Course Title	Course Length	Minimum Participants	Maximum Participants	Price per Student per Day (based on Max attendance)	GSA Price (including IFF)	QUANTITY/ VOLUME DISCOUNT
132-50	CYBRScore Reskilling Academy Cohort - Incident Responder	12 weeks	10	24	\$224	\$14,962	Pricing based on per candidate entered into the cohort. Minimum cohort size of 10 candidates. Volume discounts: 11-20 students - 5% 21-24 student - 10%
132-50	CYB300 – Cybersecurity Awareness Bootcamp	2 days	6	30	\$724.50	\$1,314.00	>10 students additional 10% discount
132-50	DEV400 - Introduction to Programming C	5 days	6	30	\$579.80	\$2,629.00	>10 students additional 10% discount
132-50	DEV500 - Advanced C Programming	5 days	6	30	\$699.80	\$3,173.00	>10 students additional 10% discount
132-50	DEV540 - Assembly Language Programming	5 days	6	30	\$699.80	\$3,173.00	>10 students additional 10% discount
132-50	DEV550 - Python for Network Security Administrators	5 days	6	30	\$799.80	\$3,626.00	>10 students additional 10% discount
132-50	FOR300 - Basic Digital Media Forensics	5 days	6	30	\$699.80	\$3,173.00	>10 students additional 10% discount
132-50	FOR400 - Fundamentals of Network Forensics	5 days	6	30	\$699.80	\$3,173.00	>10 students additional 10% discount
132-50	FOR410 - Mobile Device Forensics	5 days	6	30	\$699.80	\$3,173.00	>10 students additional 10% discount
132-50	FOR600 - Advanced Digital Media Forensics	5 days	6	30	\$699.80	\$3,173.00	>10 students additional 10% discount
132-50	IR500 - Incident Response	5 days	6	30	\$699.80	\$3,173.00	>10 students additional 10% discount
132-50	MAL400 - Fundamentals of Malware Analysis	5 days	6	30	\$699.80	\$3,173.00	>10 students additional 10% discount

SIN	Course Title	Course Length	Minimum Participants	Maximum Participants	Price per Student per Day (based on Max attendance)	GSA Price (including IFF)	QUANTITY/ VOLUME DISCOUNT
132-50	MAL500 - Reverse Engineering Malware	5 days	6	30	\$859.80	\$3,898.00	>10 students additional 10% discount
132-50	MAL600 - Advanced Malware Analysis	5 days	6	30	\$999.80	\$4,533.00	>10 students additional 10% discount
132-50	NET400 – TCP/IP Fundamentals	5 days	6	30	\$699.80	\$3,173.00	>10 students additional 10% discount
132-50	PEN500 – Pentesting and Network Exploitation	5 days	6	30	\$799.80	\$3,626.00	>10 students additional 10% discount
132-50	PEN540 – Wireless Pentesting and Network Exploitation	5 days	6	30	\$799.80	\$3,626.00	>10 students additional 10% discount
132-50	LNx100 - Fundamentals of Linux Security for System Administrators	2 days	6	30	\$999.50	\$1,813.00	>10 students additional 10% discount
132-50	LNx100-OD - On Demand Fundamentals of Linux Security for System Administrators	NA	NA	NA	NA	\$724.00	>25 additional 2.5%, >100 additional 5%, >500 additional 10%, >1000 additional 20%
132-50	AWE500 - Advanced Web Application Exploitation	2 days	6	30	\$999.50	\$1,813.00	>10 students additional 10% discount
132-50	AWE500-OD - On Demand Advanced Web Application Exploitation	NA	NA	NA	NA	\$452.00	>25 additional 2.5%, >100 additional 5%, >500 additional 10%, >1000 additional 20%
132-50	WEB101 - Web Application Exploitation	2 days	6	30	\$999.50	\$1,813.00	>10 students additional 10% discount

SIN	Course Title	Course Length	Minimum Participants	Maximum Participants	Price per Student per Day (based on Max attendance)	GSA Price (including IFF)	QUANTITY/ VOLUME DISCOUNT
132-50	WEB101-OD - On Demand Web Application Exploitation	NA	NA	NA	NA	\$724.00	>25 additional 2.5%, >100 additional 5%, >500 additional 10%, >1000 additional 20%
132-50	WEB241 - Hardening PHP Web Applications	2 days	6	30	\$999.50	\$1,813.00	>10 students additional 10% discount
132-50	WEB241-OD - On Demand Hardening PHP Web Applications	NA	NA	NA	NA	\$724.00	>25 additional 2.5%, >100 additional 5%, >500 additional 10%, >1000 additional 20%

TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES (SIN 132-51)

1. Scope

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

2. Performance Incentives

- 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 in accordance with this clause.
- 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.

3. Ordering Procedures for Services (Requiring a Statement of Work)

FAR 8.402 contemplates that GSA may occasionally find it necessary to establish special ordering procedures for individual Federal Supply Schedules or for some Special Item Numbers (SINs) within a Schedule. GSA has established special ordering procedures for services that require a Statement of Work. These special ordering procedures take precedence over the procedures in FAR 8.404 (b)(2) through (b)(3).

When ordering services over \$100,000, Department of Defense (DOD) ordering offices and non-DOD agencies placing orders on behalf of the DOD must follow the policies and procedures in the Defense Federal Acquisition Regulation Supplement (DFARS) 208.404-70 – Additional ordering procedures for services. When DFARS 208.404-70 is applicable and there is a conflict between the ordering procedures contained in this clause and the additional ordering procedures for services in DFARS 208.404-70, the DFARS procedures take precedence.

GSA has determined that the prices for services contained in the contractor's price list applicable to this Schedule are fair and reasonable. However, the ordering activity using this contract is responsible for considering the level of effort and mix of labor proposed to perform a specific task being ordered and for making a determination that the total firm-fixed price or ceiling price is fair and reasonable.

(a) When ordering services, ordering activities shall—

(1) Prepare a Request (Request for Quote or other communication tool):

(i) A statement of work (a performance-based statement of work is preferred) that outlines, at a minimum, the work to be performed, location of work, period of performance, deliverable schedule, applicable standards, acceptance criteria, and any special requirements (i.e., security clearances, travel, special knowledge, etc.) should be prepared.

(ii) The request should include the statement of work and request the contractors to submit either a firm-fixed price or a ceiling price to provide the services outlined in the statement of work. A firm-fixed price order shall be requested, unless the ordering activity makes a determination that it is not possible at the time of placing the order to estimate accurately the extent or duration of the work or to anticipate cost with any reasonable degree of confidence. When such a determination

is made, a labor hour or time-and-materials proposal may be requested. The firm-fixed price shall be based on the rates in the schedule contract and shall consider the mix of labor categories and level of effort required to perform the services described in the statement of work. The firm-fixed price of the order should also include any travel costs or other incidental costs related to performance of the services ordered, unless the order provides for reimbursement of travel costs at the rates provided in the Federal Travel or Joint Travel Regulations. A ceiling price must be established for labor-hour and time-and-materials orders.

(iii) The request may ask the contractors, if necessary or appropriate, to submit a project plan for performing the task, and information on the contractor's experience and/or past performance performing similar tasks.

(iv) The request shall notify the contractors what basis will be used for selecting the contractor to receive the order. The notice shall include the basis for determining whether the contractors are technically qualified and provide an explanation regarding the intended use of any experience and/or past performance information in determining technical qualification of responses. If consideration will be limited to schedule contractors who are small business concerns as permitted by paragraph (2) below, the request shall notify the contractors that will be the case.

(2) Transmit the Request to Contractors:

Based upon an initial evaluation of catalogs and price lists, the ordering activity should identify the contractors that appear to offer the best value (considering the scope of services offered, pricing and other factors such as contractors' locations, as appropriate) and transmit the request as follows:

NOTE: When buying IT professional services under SIN 132—51 ONLY, the ordering office, at its discretion, may limit consideration to those schedule contractors that are small business concerns. This limitation is not applicable when buying supplies and/or services under other SINs as well as SIN 132-51. The limitation may only be used when at least three (3) small businesses that appear to offer services that will meet the agency's needs are available, if the order is estimated to exceed the micro-purchase threshold.

(i) The request should be provided to at least three (3) contractors if the proposed order is estimated to exceed the micro-purchase threshold, but not exceed the maximum order threshold.

(ii) For proposed orders exceeding the maximum order threshold, the request should be provided to additional contractors that offer services that will meet the ordering activity's needs.

(iii) In addition, the request shall be provided to any contractor who specifically requests a copy of the request for the proposed order.

(iv) Ordering activities should strive to minimize the contractors' costs associated with responding to requests for quotes for specific orders. Requests should be tailored to the minimum level necessary for adequate evaluation and selection for order placement. Oral presentations should be considered, when possible.

(3) Evaluate Responses and Select the Contractor to Receive the Order:

After responses have been evaluated against the factors identified in the request, the order should be placed with the schedule contractor that represents the best value. (See FAR 8.404)

(b) The establishment of Federal Supply Schedule Blanket Purchase Agreements (BPAs) for recurring services is permitted when the procedures outlined herein are followed. All BPAs for services must define the services that may be ordered under the BPA, along with delivery or performance time frames, billing procedures, etc. The potential volume of orders under BPAs, regardless of the size of individual orders, may offer the ordering activity the opportunity to secure volume discounts. When establishing BPAs, ordering activities shall—

(1) Inform contractors in the request (based on the ordering activity's requirement) if a single BPA or multiple BPAs will be established, and indicate the basis that will be used for selecting the contractors to be awarded the BPAs.

(i) SINGLE BPA: Generally, a single BPA should be established when the ordering activity can define the tasks to be ordered under the BPA and establish a firm-fixed price or ceiling price for individual tasks or services to be ordered. When this occurs, authorized users may place the order directly under the established BPA when the need for service arises. The schedule contractor that represents the best value should be awarded the BPA. (See FAR 8.404)

(ii) MULTIPLE BPAs: When the ordering activity determines multiple BPAs are needed to meet its requirements, the ordering activity should determine which contractors can meet any technical qualifications before establishing the BPAs. When establishing the BPAs, the procedures in (a)(2) above must be followed. The procedures at (a) (2) do not apply to

orders issued under multiple BPA holders and then place the order with the Schedule contractor that represents the best value.

(2) Review BPAs Periodically: Such reviews shall be conducted at least annually. The purpose of the review is to determine whether the BPA still represents the best value (see FAR 8.404).

(c) The ordering activity should give preference to small business concerns when two or more contractors can provide the services at the same firm-fixed price or ceiling price.

(d) When the ordering activity's requirement involves both products as well as executive, administrative and/or professional, services, the ordering activity should total the prices for the products and the firm-fixed price for the services and select the contractor that represents the best value. (See FAR 8.404)

e. The ordering activity, at a minimum, should document orders by identifying the contractor from which the services were purchased, the services purchased, and the amount paid. If other than a firm-fixed price order is placed, such documentation should include the basis for the determination to use a labor-hour or time-and-materials order. For ordering activity requirements in excess of the micro-purchase threshold, the order file should document the evaluation of Schedule contractors' quotes that formed the basis for the selection of the contractor that received the order and the rationale for any trade-offs made in making the selection.

4. 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 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.

5. Performance of Services

a. TELECOMMUNICATION SYSTEMS, INC. shall commence performance of services on the date agreed to by the Contractor and the ordering activity.

b. TELECOMMUNICATION SYSTEMS, INC. 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 TELECOMMUNICATION SYSTEMS, INC. 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(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts.

6. Inspection of Services

The Inspection of Services–Fixed Price (AUG 1996) clause at FAR 52.246-4 applies to firm-fixed price orders placed under this contract. The Inspection–Time-and-Materials and Labor-Hour (JAN 1986) clause at FAR 52.246-6 applies to time-and-materials and labor-hour orders placed under this contract.

7. Responsibilities of TELECOMMUNICATION SYSTEMS, INC.

TELECOMMUNICATION SYSTEMS, INC. shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this contract. If the end product of a task order is software, then FAR 52.227-14 Rights in Data – General may apply.

8. Responsibilities of the Ordering Activity

Subject to security regulations, the ordering activity shall permit TELECOMMUNICATION SYSTEMS, INC. access to all facilities necessary to perform the requisite IT Services.

9. Independent Contractor

All IT Services performed by TELECOMMUNICATION SYSTEMS, INC. under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

10. 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.

11. Invoices

TELECOMMUNICATION SYSTEMS, INC., upon completion of the work ordered, shall submit invoices for IT 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.

12. Payments

For firm-fixed price orders the ordering activity shall pay TELECOMMUNICATION SYSTEMS, INC., 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 52.232-7 (DEC 2002), Alternate I (APR 1984) 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 52.232-7 (DEC 2002) Alternate II (DEC 2002), applies to labor-hour orders placed under this contract.

13. Resumes

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

14. 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.

15. 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.

16. Description of IT Services

A. Overview.

TELECOMMUNICATION SYSTEMS, INC. provides commercial and government IT services:

- Provide software, systems and hosted services that support wireless carriers for inter-carrier messaging, location based solutions, and applications for handheld devices
- Provide mission-critical total communication solutions from the desktop to the most forward edge of the enterprise network, down to the individual communicator

B. Professional Services Pricing

The hourly rates shall apply regardless of whether the services are performed by TELECOMMUNICATION SYSTEMS, INC. or its subcontractors, as long as the individuals performing the services meet the education, experience and expertise requirements for the applicable category. These rates do not include travel costs. Hardship and/or Danger Pay will be proposed and invoiced in accordance with State Department guidelines on a task by task basis. A 3% increase will be built in per year. Rates proposed are for mid2017 to mid2018.

Labor Category	Hourly Rate
IT Staff I (Off-Site)	\$ 68.96
IT Staff I (On-Site)	\$ 47.61
IT Staff II (Off-Site)	\$ 77.58
IT Staff II (On-Site)	\$ 53.57
IT Staff III (Off-Site)	\$ 86.20
IT Staff III (On-Site)	\$ 59.52
IT Staff IV (Off-Site)	\$ 94.81
IT Staff IV (On-Site)	\$ 65.46
IT Staff V (Off-Site)	\$ 103.44
IT Staff V(On-Site)	\$ 71.42
IT Staff VI (Off-Site)	\$ 112.06
IT Staff VI (On-Site)	\$ 77.37
Network Technologist I (Off-Site)	\$ 68.96
Network Technologist I (On-Site)	\$ 47.61
Network Technologist II (Off-Site)	\$ 86.20
Network Technologist II(On-Site)	\$ 59.52
Network Technologist III (Off-Site)	\$ 103.44
Network Technologist III (On-Site)	\$ 71.42
Network Technologist IV (Off-Site)	\$ 120.68
Network Technologist IV (On-Site)	\$ 83.33
Network Technologist V (Off-Site)	\$ 146.54
Network Technologist V (On-Site)	\$ 101.19
Network Technologist VI (Off-Site)	\$ 155.16
Network Technologist VI (On-Site)	\$ 107.12
Program Manager I (Off-Site)	\$ 107.75
Program Manager I (On-Site)	\$ 74.39
Program Manager II (Off-Site)	\$ 137.92
Program Manager II (On-Site)	\$ 95.23

Program Manager III (Off-Site)	\$ 181.02
Program Manager III (On-Site)	\$ 124.98
Software Application Specialist I (Off-Site)	\$ 103.44
Software Application Specialist I (On-Site)	\$ 71.42
Software Application Specialist II (Off-Site)	\$ 137.92
Software Application Specialist II (On-Site)	\$ 95.23
Software Application Specialist III (Off-Site)	\$ 155.16
Software Application Specialist III (On-Site)	\$ 107.12
Software Application Specialist IV (Off-Site)	\$ 172.40
Software Application Specialist IV (On-Site)	\$ 119.03
Subject Matter Specialist I (Off-Site)	\$ 154.74
Subject Matter Specialist I (On-Site)	\$ 133.92
Subject Matter Specialist II (Off-Site)	\$ 224.12
Subject Matter Specialist II (On-Site)	\$ 193.95

C. Description of IT Services

IT Staff I- Minimum/General Experience: Requires zero (0) to three (3) years in the field or related area and a management position. **Functional Responsibility:** Position covers all areas of support, such as Training, Technical Writing, Computer Graphics, Call Center Support, and Analysis. **Education:** Requires an Associate's degree, or its equivalent.

IT Staff II- Minimum/General Experience: Requires one (1) to four (4) years in the field or related area and a management position. **Functional Responsibility:** Position covers all areas of support, such as Training, Technical Writing, Computer Graphics, Call Center Support, and Analysis. **Education:** Requires an Associates or Bachelor's degree, or its equivalent.

IT Staff III- Minimum/General Experience: Requires two (2) to five (5) years in the field or related area and a management position. **Functional Responsibility:** Position covers all areas of support, such as Training, Technical Writing, Computer Graphics, Call Center Support, and Analysis. **Education:** Requires a Bachelor's degree, or its equivalent.

IT Staff IV- Minimum/General Experience: Requires four (4) to six (6) years in the field or related area and a management position. **Functional Responsibility:** Position covers all areas of support, such as Training, Technical Writing, Computer Graphics, Call Center Support, and Analysis. **Education:** Requires a Bachelor's degree, or its equivalent.

IT Staff V- Minimum/General Experience: Requires six (6) to eight (8) years in the field or related area and a management position. **Functional Responsibility:** Position covers all areas of support, such as Training, Technical Writing, Computer Graphics, Call Center Support, and Analysis. **Education:** Requires a Bachelor's degree, or its equivalent.

IT Staff VI- Minimum/General Experience: Requires ten (10) years in the field or related area and a management position. **Functional Responsibility:** Position covers all areas of support, such as Training, Technical Writing, Computer Graphics, Call Center Support, and Analysis. **Education:** Requires a Master's degree, or its equivalent.

Network Technologist I- Minimum/General Experience: Requires zero (0) to three (3) years in the field or related area. Position covers all areas of information technology and telecommunication networks. Experience includes the design, development, installation, integration, management, operations, and maintenance of hardware and software related

networks, including LAN, WAN, terrestrial or satellite infrastructures. **Functional Responsibility:** Specific responsibilities may include, but not limited to, assessment, analysis, planning, designing, and development; engineering, system integration, installation, testing and commissioning; maintenance and information assurance/security; and network operations, including monitoring and control, help desk, and administration. **Education:** Requires Associates degree, or its equivalent.

Network Technologist II- Minimum/General Experience: Requires one (1) to four (4) years in the field or related area. Position covers all areas of information technology and telecommunication networks. Experience includes the design, development, installation, integration, management, operations, and maintenance of hardware and software related networks, including LAN, WAN, terrestrial or satellite infrastructures. **Functional Responsibility:** Specific responsibilities may include, but not limited to, assessment, analysis, planning, designing, and development; engineering, system integration, installation, testing and commissioning; maintenance and information assurance/security; and network operations, including monitoring and control, help desk, and administration. **Education:** Requires Associates or Bachelor's degree, or its equivalent.

Network Technologist III- Minimum/General Experience: Requires three (3) to six (6) years in the field or related area. Position covers all areas of information technology and telecommunication networks. Experience includes the design, development, installation, integration, management, operations, and maintenance of hardware and software related networks, including LAN, WAN, terrestrial or satellite infrastructures. **Functional Responsibility:** Specific responsibilities may include, but not limited to, assessment, analysis, planning, designing, and development; engineering, system integration, installation, testing and commissioning; maintenance and information assurance/security; and network operations, including monitoring and control, help desk, and administration. **Education:** Requires Bachelor's degree or its equivalent.

Network Technologist IV- Minimum/General Experience: Requires five (5) to eight (8) years in the field or related area and five (5) years in the specific subject matter. Position covers all areas of information technology and telecommunication networks. Experience includes the design, development, installation, integration, management, operations, and maintenance of hardware and software related networks, including LAN, WAN, terrestrial or satellite infrastructures. **Functional Responsibility:** Specific responsibilities may include, but not limited to, assessment, analysis, planning, designing, and development; engineering, system integration, installation, testing and commissioning; maintenance and information assurance/security; and network operations, including monitoring and control, help desk, and administration. **Education:** Requires Bachelor's degree or its equivalent.

Network Technologist V- Minimum/General Experience: Requires eight (8) to ten (10) years in the field or related area and a lead position. Position covers all areas of information technology and telecommunication networks. Experience includes the design, development, installation, integration, management, operations, and maintenance of hardware and software related networks, including LAN, WAN, terrestrial or satellite infrastructures. **Functional Responsibility:** Specific responsibilities may include, but not limited to, assessment, analysis, planning, designing, and development; engineering, system integration, installation, testing and commissioning; maintenance and information assurance/security; and network operations, including monitoring and control, help desk, and administration. **Education:** Requires Bachelor's degree or its equivalent.

Network Technologist VI- Minimum/General Experience: Requires twelve (12) years in the field or related area and a management position. Position covers all areas of information technology and telecommunication networks. Experience includes the design, development, installation, integration, management, operations, and maintenance of hardware and software related networks, including LAN, WAN, terrestrial or satellite infrastructures. **Functional Responsibility:** Specific responsibilities may include, but not limited to, assessment, analysis, planning, designing, and development; engineering, system integration, installation, testing and commissioning; maintenance and information assurance/security; and network operations, including monitoring and control, help desk, and administration. **Education:** Requires Master's Degree, application certificates, or its equivalent.

Program Manager I - Minimum/General Experience: Requires five (5) to eight (8) years' experience in the field or related area. **Functional Responsibility:** Experience in computer/software/communications support activities such as computer operations, data communications, software development, or maintenance activities. Experience in the overall operating functions of modern computer environments including responsibility for such activities as planning, scheduling, reporting, controlling and managing projects. Expertise in the management and control of costs and resources and demonstrated capability in managing multi-task delivery orders of this type and complexity. Meets with Government personnel and

contractor personnel to formulate and review delivery order plans and deliverable items. Ensures conformance with delivery order schedules and costs. Education: Requires Bachelor's Degree, or its equivalent.

Program Manager II - Minimum/General Experience: Requires eight (8) to ten (10) years' experience in the field or related area. Functional Responsibility: Experience in computer/software/communications support activities such as computer operations, data communications, software development, or maintenance activities. Experience in the overall operating functions of modern computer environments including responsibility for such activities as planning, scheduling, reporting, controlling and managing projects. Expertise in the management and control of costs and resources and demonstrated capability in managing multi-task delivery orders of this type and complexity. Meets with Government personnel and contractor personnel to formulate and review delivery order plans and deliverable items. Ensures conformance with delivery order schedules and costs. Education: Requires Master's Degree, or its equivalent.

Program Manager III - Minimum/General Experience: Requires ten (10) years' experience in the field or related area. Functional Responsibility: Experience in computer/software/communications support activities such as computer operations, data communications, software development, or maintenance activities. Experience in the overall operating functions of modern computer environments including responsibility for such activities as planning, scheduling, reporting, controlling and managing projects. Expertise in the management and control of costs and resources and demonstrated capability in managing multi-task delivery orders of this type and complexity. Meets with Government personnel and contractor personnel to formulate and review delivery order plans and deliverable items. Ensures conformance with delivery order schedules and costs. Education: Requires PMP (Program Manager Professional) certificate, or its equivalent.

Software Application Specialist I- Minimum/General Experience: Requires four (4) to six (6) years in the field or related area and a management position. Position covers all areas of the software development lifecycle. Experience includes the analysis, design, development, testing, implementation, integration and maintenance of complex system applications, related database management systems, and web interfaces using high level programming languages. Functional Responsibility: Specific responsibilities may include defining systems requirements; systems design; data modeling; computer application programming; database application programming; web interface programming; system testing, monitoring, and troubleshooting; system integration, installation, and implementation; configuration management; quality assurance; program control, review, and reporting; resource planning; and system demonstrations; wireless technologies. Education: Bachelor's degree or its equivalent.

Software Application Specialist II- Minimum/General Experience: Requires eight (8) to ten (10) years in the field or related area and a management position. Position covers all areas of the software development lifecycle. Experience includes the analysis, design, development, testing, implementation, integration and maintenance of complex system applications, related database management systems, and web interfaces using high level programming languages. Functional Responsibility: Specific responsibilities may include defining systems requirements; systems design; data modeling; computer application programming; database application programming; web interface programming; system testing, monitoring, and troubleshooting; system integration, installation, and implementation; configuration management; quality assurance; program control, review, and reporting; resource planning; and system demonstrations; wireless technologies. Education: Bachelor's degree or its equivalent.

Software Application Specialist III- Minimum/General Experience: Requires ten (10) to twelve (12) years in the field or related area and a management position. Position covers all areas of the software development lifecycle. Experience includes the analysis, design, development, testing, implementation, integration and maintenance of complex system applications, related database management systems, and web interfaces using high level programming languages. Functional Responsibility: Specific responsibilities may include defining systems requirements; systems design; data modeling; computer application programming; database application programming; web interface programming; system testing, monitoring, and troubleshooting; system integration, installation, and implementation; configuration management; quality assurance; program control, review, and reporting; resource planning; and system demonstrations; wireless technologies. Education: Requires Master's Degree, applicable certificates, or its equivalent.

Software Application Specialist IV- Minimum/General Experience: Requires thirteen (13) years in the field or related area and a management position. Position covers all areas of the software development lifecycle. Experience includes the analysis, design, development, testing, implementation, integration and maintenance of complex system applications, related database management systems, and web interfaces using high level programming languages. Functional Responsibility: Specific responsibilities may include defining systems requirements; systems design; data modeling;

computer application programming; database application programming; web interface programming; system testing, monitoring, and troubleshooting; system integration, installation, and implementation; configuration management; quality assurance; program control, review, and reporting; resource planning; and system demonstrations; wireless technologies. Education: Requires Master's Degree, applicable certificates, or its equivalent.

Subject Matter Specialist I- Minimum/General Experience: Requires 10 years in the field or related area. Functional Responsibility: Recognized at the industry level in a technical field or specialized engineering or technology area and is proficient in relevant engineering principles and practices. Applies experience, skills, and expert knowledge within an engineering discipline to complex assignments. Generates unique concepts as evidenced by synthesis of new products or processes. Creates or uses engineering/scientific tools to solve technical problems. Utilizes and develops tools, techniques, processes and/or facilities such as state-of-the-art simulation environments, laboratories, and test facilities. Provides leadership for engineering activities in a specialized engineering or technology subject area. Serves as a major contributor to technical planning process and for providing technical management and guidance. Education: Requires a MS, or its equivalent.

Subject Matter Specialist II- Minimum/General Experience: Requires 15 years in the field or related area. Functional Responsibility: Recognized at the industry level in a technical field or specialized engineering or technology area and is proficient in relevant engineering principles and practices. Applies experience, skills, and expert knowledge within an engineering discipline to complex assignments. Generates unique concepts as evidenced by synthesis of new products or processes. Creates or uses engineering/scientific tools to solve technical problems. Utilizes and develops tools, techniques, processes and/or facilities such as state-of-the-art simulation environments, laboratories, and test facilities. Provides leadership for engineering activities in a specialized engineering or technology subject area. Serves as a major contributor to technical planning process and for providing technical management and guidance. Education: Requires a PhD, or its equivalent.

TERMS AND CONDITIONS APPLICABLE TO COMMERCIAL SATELLITE COMMUNICATIONS SERVICES (SIN 132-54 AND SIN 132-55)

- SIN 132-54 Commercial Satellite Communications (COMSATCOM) Transponded Capacity - SUBJECT TO COOPERATIVE PURCHASING. Includes dedicated bandwidth on a commercial satellite in any commercially available COMSATCOM frequency band, including L-, S-, C-, X-, Ku-, extended Ku, Ka-, UHF, etc.

Pricing includes services necessary to allow the customer to use the transponded capacity, including: limited engineering including development of link budgets and transition plans; basic customer training including acquiring satellite signal, peak and polarization; and management of the transponded capacity. Transponder availability is 99.9% or better. Approvals are provided but may require additional fees to obtain required approvals such as frequency clearances, licensing, taxes and landing rights. Full scope host nation agreements will be provided for an additional fee that varies per country and will be priced separately when required. Amount of bandwidth is subject only to availability at the time.

- SIN 132-55 Commercial Satellite Communications (COMSATCOM) Subscription Services - SUBJECT TO COOPERATIVE PURCHASING. 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 L-, S-, C-, X-, Ku-, extended Ku, Ka-, UHF, etc.

Subscription services are billed on a per-use basis and include network management, monitoring, engineering, integration, and operations required to deliver the services. Equipment may be included. Services also include leasing dedicated channels with guaranteed capacity and Quality of Service (QOS). Managed service availability is 99.7% or better. TELECOMMUNICATION SYSTEMS, INC. shall furnish the necessary airtime, materials, personnel, facilities and engineering to provide managed global satellite services. COMSATCOM Subscription services offered may include: satellite-based Internet, voice, data and video services; Emergency Response/Disaster Recovery voice and data networks; worldwide digital transmission to connect mobile terminals to terrestrial networks; connectivity to the Internet via satellite using IP modems. Subscription services requirements range from less than five points of presence each with less than five simultaneous user accesses within a single coverage area to hundreds of points of presence with tens of simultaneous user accesses with global coverage for durations varying from hours to years. Any shipping is FOB Tampa, FL. All bandwidth is subject to availability at the time.

Services defined within SINS 132-54 and 132-55 include the following capabilities:

1. COMSATCOM CAPACITY AND COVERAGE. The Ordering Activity shall specify the capacity and coverage required as part of the initial requirement.
2. INFORMATION ASSURANCE
 - a. The Ordering Activity is responsible for ensuring to the maximum extent practicable that each requirement issued is following 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 (DoDI) 8581.1, "Information Assurance (IA) Policy for Space Systems Used by the Department of Defense."
 - b. The Ordering Activity shall assign an impact level (per Federal Information Processing Standards Publication 200 (FIPS 200), "Minimum Security Requirements for Federal Information and Information Systems") 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, command encryption/authentication, and other requirements in CNSSP 12 or DODI 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).

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

3. DELIVERY SCHEDULE.

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

4. PORTABILITY.

When an Ordering Activity requires portability, this requirement shall be included as part of the initial requirement. When portability is exercised, evidence of equivalent net present value (NPV)⁸ 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 predefined infrastructure, and movement of Network Operations Center (NOC) services from one NOC to another NOC.

5. FLEXIBILITY/OPTIMIZATION.

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

6. NET READY (INTEROPERABILITY).

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

7. NETWORK MONITORING (NET OPS).

The Ordering Activity shall specify the Network Monitoring (Net Ops) collection and delivery requirements (example: format, frequency) as part of the initial statement of work. The Contractor awarded SIN 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.

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

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

9. SECURITY.

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

10. THIRD PARTY BILLING FOR COMSATCOM SUBSCRIPTIONSERVICES.

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

11. ADDITIONAL TERMS AND CONDITIONS.

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

b. If guidance is required, Ordering Activities may contact the GSA Satellite Communications Services Program Management Office (SATCOM PMO), satcom@gsa.gov.

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

12. CONTRACT CLAUSES.

a. Ordering activities will be able to view the complete list of IT Schedule 70 contract clauses, including the specific contract terms and conditions for any specific contract holder, at:

<http://www.gsaelibrary.gsa.gov/ElibMain/contractsOnline.do?scheduleNumber=70>

TELECOMMUNICATION SYSTEMS, INC. PRODUCTS AND SERVICES

SATELLITE BANDWIDTH SERVICES

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE
101	132-54	TELECOMMUNICATION SYSTEMS, INC.	C1MKU - CONUS Ku Band Unmanaged Bandwidth	C1MKU - CONUS Ku Band Unmanaged Bandwidth	CONUS Dedicated Ku Band Bandwidth. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Priced per MHz per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$3,988.19
102	132-54	TELECOMMUNICATION SYSTEMS, INC.	S1MKU - SWA & ME Ku Band Unmanaged Bandwidth	S1MKU - SWA & ME Ku Band Unmanaged Bandwidth	SWA & ME Dedicated Ku Band Bandwidth. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Priced per MHz per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$6,477.52
103	132-54	TELECOMMUNICATION SYSTEMS, INC.	A1MKU - AFRICA Ku Band Unmanaged Bandwidth	A1MKU - AFRICA Ku Band Unmanaged Bandwidth	AFRICA Dedicated Ku Band Bandwidth. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Priced per MHz per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$5,232.85
104	132-54	TELECOMMUNICATION SYSTEMS, INC.	E1MKU - EURO Ku Band Unmanaged Bandwidth	E1MKU - EURO Ku Band Unmanaged Bandwidth	EURO Dedicated Ku Band Bandwidth. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Priced per MHz per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$6,477.52
105	132-54	TELECOMMUNICATION SYSTEMS, INC.	L1MKU - LATAM Ku Band Unmanaged Bandwidth	L1MKU - LATAM Ku Band Unmanaged Bandwidth	LATAM Dedicated Ku Band Bandwidth. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Priced per MHz per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$5,478.28
106	132-54	TELECOMMUNICATION SYSTEMS, INC.	C1MCU - CONUS C Band Unmanaged Bandwidth	C1MCU - CONUS C Band Unmanaged Bandwidth	CONUS Dedicated C Band Bandwidth. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Priced per MHz per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$3,983.81
107	132-54	TELECOMMUNICATION SYSTEMS, INC.	S1MCU - SWA & ME C Band Unmanaged Bandwidth	S1MCU - SWA & ME C Band Unmanaged Bandwidth	SWA & ME Dedicated C Band Bandwidth. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Priced per MHz per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$5,728.09
108	132-54	TELECOMMUNICATION SYSTEMS, INC.	A1MCU - AFRICA C Band Unmanaged Bandwidth	A1MCU - AFRICA C Band Unmanaged Bandwidth	AFRICA Dedicated C Band Bandwidth. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Priced per MHz per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$5,232.85
109	132-54	TELECOMMUNICATION SYSTEMS, INC.	E1MCU - EURO C Band Unmanaged Bandwidth	E1MCU - EURO C Band Unmanaged Bandwidth	EURO Dedicated C Band Bandwidth. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Priced per MHz per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$6,477.52

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE
110	132-54	TELECOMMUNICATION SYSTEMS, INC.	L1MCU - LATAM C Band Unmanaged Bandwidth	L1MCU - LATAM C Band Unmanaged Bandwidth	LATAM Dedicated C Band Bandwidth. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Priced per MHz per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$4,483.43
111	132-55	TELECOMMUNICATION SYSTEMS, INC.	C1MDKM - CONUS Dedicated Managed Ku-Band Services	C1MDKM - CONUS Dedicated Managed Ku-Band Services	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in the CONUS region include dedicated Ku-band Bandwidth Procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$7,558.27
112	132-55	TELECOMMUNICATION SYSTEMS, INC.	C1MDCM - CONUS Dedicated Managed C-Band Services	C1MDCM - CONUS Dedicated Managed C-Band Services	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in the CONUS region include dedicated C-band Bandwidth Procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$7,558.27
113	132-55	TELECOMMUNICATION SYSTEMS, INC.	C1MDXM - CONUS Dedicated Managed X-Band Services	C1MDXM - CONUS Dedicated Managed X-Band Services	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in the CONUS region include dedicated X-band Bandwidth Procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$30,051.21
114	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1MDKM - SWA & ME Dedicated Managed Ku-Band Services	S1MDKM - SWA & ME Dedicated Managed Ku-Band Services	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in the South West Asia & Middle East regions include dedicated Ku-band Bandwidth Procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor	\$11,138.36

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE
					Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	
115	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1MDCM - SWA & ME Dedicated Managed C-Band Services	S1MDCM - SWA & ME Dedicated Managed C-Band Services	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in the South West Asia & Middle East regions include dedicated C-band Bandwidth Procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$9,849.68
116	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1MDXM - SWA & ME Dedicated Managed X-Band Services	S1MDXM - SWA & ME Dedicated Managed X-Band Services	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in the South West Asia & Middle East regions include dedicated X-band Bandwidth Procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$30,051.21
117	132-55	TELECOMMUNICATION SYSTEMS, INC.	A1MDKM - Africa Dedicated Managed Ku-Band Services	A1MDKM - Africa Dedicated Managed Ku-Band Services	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in Africa include dedicated Ku-band Bandwidth Procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$8,998.10
118	132-55	TELECOMMUNICATION SYSTEMS, INC.	A1MDCM - Africa Dedicated Managed C-Band Services	A1MDCM - Africa Dedicated Managed C-Band Services	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in Africa include dedicated C-band Bandwidth Procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume	\$8,998.10

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE
					quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	
119	132-55	TELECOMMUNICATION SYSTEMS, INC.	A1MDXM - Africa Dedicated Managed X-Band Services	A1MDXM - Africa Dedicated Managed X-Band Services	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in Africa include dedicated X-band Bandwidth Procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$30,051.21
120	132-55	TELECOMMUNICATION SYSTEMS, INC.	E1MDKM - Europe Dedicated Managed Ku-Band Services	E1MDKM - Europe Dedicated Managed Ku-Band Services	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in the Europe region include dedicated Ku-band Bandwidth Procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$11,335.18
121	132-55	TELECOMMUNICATION SYSTEMS, INC.	E1MDCM - Europe Dedicated Managed C-Band Services	E1MDCM - Europe Dedicated Managed C-Band Services	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in the Europe region include dedicated C-band Bandwidth Procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$11,335.18
122	132-55	TELECOMMUNICATION SYSTEMS, INC.	E1MDXM - Europe Dedicated Managed X-Band Services	E1MDXM - Europe Dedicated Managed X-Band Services	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in the Europe region include dedicated X-band Bandwidth Procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$30,051.21

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE
123	132-55	TELECOMMUNICATION SYSTEMS, INC.	L1MDKM - LATAM/South America Dedicated Managed Ku-Band Services	L1MDKM - LATAM/South America Dedicated Managed Ku-Band Services	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in LATAM/South America Region include dedicated Ku-band Bandwidth Procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$9,420.13
124	132-55	TELECOMMUNICATION SYSTEMS, INC.	L1MDCM - LATAM/South America Dedicated Managed C-Band Services	L1MDCM - LATAM/South America Dedicated Managed C-Band Services	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in LATAM/South America Region include dedicated C-band Bandwidth Procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$7,709.43
125	132-55	TELECOMMUNICATION SYSTEMS, INC.	L1MDXM - LATAM/South America Dedicated Managed X-Band Services	L1MDXM - LATAM/South America Dedicated Managed X-Band Services	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in LATAM/South America Region include dedicated X-band Bandwidth Procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$30,051.21
126	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1MC8K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; CONUS region, 8:1 contention ratio, Ku-band	S1MC8K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; CONUS region, 8:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in CONUS region, 8:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$2,167.74

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE
127	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1MC8KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; CONUS region, 8:1 contention ratio, Ku-band	S1MC8KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; CONUS region, 8:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services on inclined satellite in CONUS region, 8:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$1,511.65
128	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1MC4K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; CONUS region, 4:1 contention ratio, Ku-band	S1MC4K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; CONUS region, 4:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in CONUS region, 4:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$4,029.60
129	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1MC4KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; CONUS region, 4:1 contention ratio, Ku-band	S1MC4KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; CONUS region, 4:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services on inclined satellite in CONUS region, 4:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$2,770.63
130	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1MS8K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; SWA/ME region, 8:1 contention	S1MS8K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; SWA/ME region, 8:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in SWA/Middle East region, 8:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail	\$2,167.74

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE
			ratio, Ku-band		notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	
131	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1MS8KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; SWA/ME region, 8:1 contention ratio, Ku-band	S1MS8KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; SWA/ME region, 8:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services on inclined satellite in SWA/Middle East region, 8:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$1,511.65
132	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1MS4K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; SWA/ME region, 4:1 contention ratio, Ku-band	S1MS4K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; SWA/ME region, 4:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in SWA/Middle East Region, 4:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$4,029.60
133	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1MS4KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; SWA/ME region, 4:1 contention ratio, Ku-band	S1MS4KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; SWA/ME region, 4:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services on inclined satellite in SWA/Middle East Region, 4:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$2,770.63

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE
134	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1MA8K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; AFRICA region, 8:1 contention ratio, Ku-band	S1MA8K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; AFRICA region, 8:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in Africa region, 8:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$2,167.74
135	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1MA8KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; AFRICA region, 8:1 contention ratio, Ku-band	S1MA8KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; AFRICA region, 8:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services on inclined satellite in Africa region, 8:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$1,511.65
136	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1MA4K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; AFRICA region, 4:1 contention ratio, Ku-band	S1MA4K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; AFRICA region, 4:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in Africa Region, 4:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$4,029.60
137	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1MA4KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; AFRICA region, 4:1 contention ratio, Ku-band	S1MA4KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; AFRICA region, 4:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services on inclined satellite in Africa region, 4:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and	\$2,770.63

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE
					metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	
138	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1ME8K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; EURO region, 8:1 contention ratio, Ku-band	S1ME8K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; EURO region, 8:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in Europe region, 8:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$2,167.74
139	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1ME8KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; EURO region, 8:1 contention ratio, Ku-band	S1ME8KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; EURO region, 8:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services on inclined satellite in Europe region, 8:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$1,511.65
140	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1ME4K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; EURO region, 4:1 contention ratio, Ku-band	S1ME4K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; EURO region, 4:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in Europe region, 4:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$4,029.60
141	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1ME4KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps	S1ME4KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; EURO region, 4:1 contention ratio, Ku-	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services on inclined satellite in Europe region, 4:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and	\$2,770.63

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE
			Increments; EURO region, 4:1 contention ratio, Ku-band	band	Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	
142	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1ML8K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; LATAM region, 8:1 contention ratio, Ku-band	S1ML8K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; LATAM region, 8:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in LATAM region, 8:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$2,167.74
143	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1ML8KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; LATAM region, 8:1 contention ratio, Ku-band	S1ML8KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; LATAM region, 8:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services on inclined satellite in LATAM region, 8:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$1,511.65
144	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1ML4K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; LATAM region, 4:1 contention ratio, Ku-band	S1ML4K - Shared Bandwidth on shared IP Gateways, per 1Mbps Increments; LATAM region, 4:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services in LATAM region, 4:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for	\$4,029.60

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA PRICE
					orders over \$5M applies.	
145	132-55	TELECOMMUNICATION SYSTEMS, INC.	S1ML4KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; LATAM region, 4:1 contention ratio, Ku-band	S1ML4KI - Shared Inclined Bandwidth on shared IP Gateways, per 1Mbps Increments; LATAM region, 4:1 contention ratio, Ku-band	TELECOMMUNICATION SYSTEMS, INC. Managed Satellite Services on inclined satellite in LATAM region, 4:1 contention ratio (total amount of bandwidth subscribed divided by total amount of bandwidth available): 1Mbps increments of shared bandwidth procurement, fully redundant teleport landing, transmission services and Internet access. All Managed Satellite Services are monitored 24 x 7 x 365 by TELECOMMUNICATION SYSTEMS, INC.'s Swiftlink Operations Center (SOC). Customers may access the SOC 24 x 7 x 365 by 800#, e-mail or Instant Message. E-mail notification is available for incidents or faults. Customer access to a Web Portal for trouble reporting, status and metrics is included. A description of this service can be found in the TELECOMMUNICATION SYSTEMS, INC. GSA Contractor Catalog. Price per MB per month. A volume quantity discount of 1% for orders over \$3M and 1.5% for orders over \$5M applies.	\$2,770.63
146	132-55	TELECOMMUNICATION SYSTEMS, INC.	MPM-1000 LC Svc	Network Management Service for MPM-1000 LC, per teleport/hub	Manage and configure MPM-1000 LC networks. Management and configuration includes terminal access and de-access from the network. On-site technical support, operation and maintenance of the MPM-1000 LC equipment located in the commercial teleport.	\$5,822.48
147	132-51	TELECOMMUNICATION SYSTEMS, INC.	VSAT Engineer SWA	VSAT Engineer/Technician - OCONUS/SWA: Man-Week (72Hr Workweek)	Technical staff provides pre-installation to post-insatllation on-site field services such as planning, risk management, site surveys, installation, depot services including organization support, testing, maintenance and training. Travel expenses not included.	\$4,857.70
148	132-51	TELECOMMUNICATION SYSTEMS, INC.	VSAT Engineer Non-SWA	VSAT Engineer/Technician - OCONUS/non-SWA: Man-Week (72Hr Workweek)	Technical staff provides pre-installation to post-insatllation on-site field services such as planning, risk management, site surveys, installation, depot services including organization support, testing, maintenance and training. 3% discount from SWA region for OCONUS, non-SWA region. Travel expenses not included.	\$4,711.97
149	132-51	TELECOMMUNICATION SYSTEMS, INC.	VSAT Engineer CONUS	VSAT Engineer/Technician - CONUS: Man-Week (72Hr Workweek)	Technical staff provides pre-installation to post-insatllation on-site field services such as planning, risk management, site surveys, installation, depot services including organization support, testing, maintenance and training. 22% discount from SWA region for CONUS region. Travel expenses not included.	\$3,789.01

TELECOMMUNICATION SYSTEMS, INC. PRODUCTS

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA Price
001	132-8	TELECOMMUNICATION SYSTEMS, INC.	40-2695-01	SNAP Medium Ka-band 50W Upgrade Kit	SNAP Medium Ka-band 50W Upgrade Kit – includes cases, cables, 50W BUC, waveguide assembly, Norsat LNB, AVL Model 2020 feed	\$68,715.57
002	132-8	TELECOMMUNICATION SYSTEMS, INC.	40-2771-01	SNAP Medium Ka-band 50W Spares Kit	SNAP Medium Ka-band 50W Spares Kit – includes case, power cable, 50W BUC, Waveguide assembly	\$52,491.89
003	132-12	TELECOMMUNICATION SYSTEMS, INC.	40-2695-01 Warr	SNAP Upgrade Kit Extended Maintenance Warranty	SNAP Upgrade Kit Extended Maintenance Warranty (13-24 Months)	\$5,903.95
004	132-12	TELECOMMUNICATION SYSTEMS, INC.	40-2771-01 Warr	SNAP Spares Kit Extended Maintenance Warranty	SNAP Spares Kit Extended Maintenance Warranty (13-24 Months)	\$4,563.98
005	132-8	Control Cable	WCRM11685	Tx/Rx Cable for Ku Upgrade	Tx/Rx Cable for Ku Upgrade - KWRM11686 or KWRM9853	\$129.67
006	132-8	AvL	203-003-517	Split Boom Upgrade Kit	Split Boom Upgrade Kit, quantities 1-5	\$19,165.44
007	132-8	AvL	203-003-517	Split Boom Upgrade Kit qty 5+	Split Boom Upgrade Kit, quantities 5-24	\$14,437.88
008	132-8	AvL	203-003-517	Split Boom Upgrade Kit qty 25+	Split Boom Upgrade Kit, quantities 25+	\$12,146.36
009	132-8	AvL	R20-001-724-01.01	Reflector Kit, 2M Hinged Boom	Reflector Kit, 2M Hinged Boom	\$19,078.21
010	132-8	AvL	203-305-301	Outrigger Leg Assembly	Outrigger Leg Assembly	\$1,749.89
011	132-8	AvL	203-003-504	Ku Feed Assembly	Ku Feed Assembly	\$4,985.36
012	132-8	TELECOMMUNICATION SYSTEMS, INC.	01-1257-03	NextGen Tropo 500W	Tropo Dual Pol Diversity 500W System	\$454,256.34
013	132-8	TELECOMMUNICATION SYSTEMS, INC.	01-1257-04	NextGen Tropo 1000W	Tropo Dual Pol Diversity 1000W System	\$513,322.46
014	132-8	ETC-Wireless	ETC-1000	ETC 1000	Two-Way Kit includes 6 two-way Tags, 1 Basestation, 1 Handheld Receiver (Quantity 1-9)	\$126,743.50
015	132-8	ETC-Wireless	ETC-1000	ETC 1000	Two-Way Kit includes 6 two-way Tags, 1 Basestation, 1 Handheld Receiver (Quantity 10-19)	\$124,879.63
016	132-32	TeleBright	W1-0101	Wireless Asset & Expense Management Annual Software License per device (1-500) devices	Wireless Asset & Expense Management Annual Software License per device (1-500) devices	\$13.20
017	132-32	TeleBright	W1-0102	Wireless Asset & Expense Management Annual Software License per device	Wireless Asset & Expense Management Annual Software License per device (501-1000) devices	\$11.00

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA Price
				(501-1000) devices		
018	132-32	TeleBright	W1-0103	Wireless Asset & Expense Management Annual Software License per device (1001-2500) devices	Wireless Asset & Expense Management Annual Software License per device (1001-2500) devices	\$8.80
019	132-32	TeleBright	W1-0104	Wireless Asset & Expense Management Annual Software License per device (2501-5000) devices	Wireless Asset & Expense Management Annual Software License per device (2501-5000) devices	\$7.92
020	132-32	TeleBright	W1-0105	Wireless Asset & Expense Management Annual Software License per device (Over 5001) devices	Wireless Asset & Expense Management Annual Software License per device (Over 5001) devices	\$7.47
021	132-32	TeleBright	W2-0101	Mobile Procurement Portal Annual License	Mobile Procurement Portal Annual License	\$4,400.76
022	132-32	TeleBright	T1-0101	Telecom Asset & Expense Management Annual License per First Million in Spend	Telecom Asset & Expense Management Annual License per First Million in Spend	\$8,434.79
023	132-32	TeleBright	T1-0102	Telecom Asset & Expense Management Annual License per Million in Spend up to \$5m	Telecom Asset & Expense Management Annual License per Million in Spend up to \$5m	\$7,334.60
023	132-32	TeleBright	T1-0103	Telecom Asset & Expense Management Annual License per Million in Spend up to \$10m	Telecom Asset & Expense Management Annual License per Million in Spend up to \$10m	\$6,601.14
025	132-32	TeleBright	T1-0104	Telecom Asset & Expense Management Annual License per Million in Spend up to \$25m	Telecom Asset & Expense Management Annual License per Million in Spend up to \$25m	\$5,500.95
026	132-32	TeleBright	T1-0105	Telecom Asset & Expense Management Annual License per Million in Spend up to \$50m	Telecom Asset & Expense Management Annual License per Million in Spend up to \$50m	\$5,134.22

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA Price
027	132-32	TeleBright	T1-0106	Telecom Asset & Expense Management Annual License per Million in Spend over \$50m	Telecom Asset & Expense Management Annual License per Million in Spend over \$50m	\$4,767.49
028	132-33	TeleBright	T2-0101	Telecom Asset & Expense Management Limited Perpetual License per Million in Spend (requires annual maintenance agreement)	Telecom Asset & Expense Management Limited Perpetual License per Million in Spend (requires annual maintenance agreement)	\$37,902.15
029	132-34	TeleBright	T2-0102	Telecom Asset & Expense Management Annual Maintenance Fees as per Million on Perpetual License + All Customizations	Telecom Asset & Expense Management Annual Maintenance Fees as per Million on Perpetual License + All Customizations	\$8,338.47
030	132-32	TeleBright	A1-0101	Audit & analysis software license of call records and billed telephone numbers- per \$million audited up to \$5m	Audit & analysis software license of call records and billed telephone numbers- per \$million audited up to \$5m	\$8,434.79
031	132-32	TeleBright	A1-0102	Audit & analysis software license of call records and billed telephone numbers- per \$million audited up to \$25m	Audit & analysis software license of call records and billed telephone numbers- per \$million audited up to \$25m	\$7,334.60
032	132-32	TeleBright	A1-0103	Audit & analysis software license of call records and billed telephone numbers- per \$million audited up to \$50m	Audit & analysis software license of call records and billed telephone numbers- per \$million audited up to \$50m	\$6,601.14
033	132-32	TeleBright	A1-0104	Audit & analysis software license of call records and billed telephone numbers- per \$million audited up to \$100m	Audit & analysis software license of call records and billed telephone numbers- per \$million audited up to \$100m	\$5,500.95
034	132-32	TeleBright	A1-0105	Audit & analysis software license of call records and billed telephone numbers- per \$million audited up to \$150m	Audit & analysis software license of call records and billed telephone numbers- per \$million audited up to \$150m	\$5,134.22

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA Price
035	132-32	TeleBright	A1-0106	Audit & analysis software license of call records and billed telephone numbers- per \$million audited over \$150m	Audit & analysis software license of call records and billed telephone numbers- per \$million audited over \$150m	\$4,767.49
036	132-32	TeleBright	A2-0101	Audit & analysis software license of call records and billed telephone numbers-On Contingency (Share in Savings)	Audit & analysis software license of call records and billed telephone numbers-On Contingency (Share in Savings)	35% of Recovery Amount
037	132-8	Comtech Mobile Datacom Corporation	CMDC-HCM-10GN-1	MT-2025 Satellite Communication Terminal	L-Band Transceiver, Ground Satellite, MT-2025 (Quantity 1-200)	\$3,784.17
038	132-8	Comtech Mobile Datacom Corporation	CMDC-HCM-10GN-1	MT-2025 Satellite Communication Terminal	L-Band Transceiver, Ground Satellite, MT-2025 (Quantity 201-500)	\$3,108.14
039	132-8	Comtech Mobile Datacom Corporation	CMDC-HCM-10GN-1	MT-2025 Satellite Communication Terminal	L-Band Transceiver, Ground Satellite, MT-2025 (Quantity 501-1000)	\$2,483.49
040	132-8	Comtech Mobile Datacom Corporation	CMDC-HCM-10GN-1	MT-2025 Satellite Communication Terminal	L-Band Transceiver, Ground Satellite, MT-2025 (Quantity 1001-5000)	\$2,359.57
041	132-8	Comtech Mobile Datacom Corporation	CMDC-HCM-10GN-1	MT-2025 Satellite Communication Terminal	L-Band Transceiver, Ground Satellite, MT-2025 (Quantity 5001-10000)	\$2,094.59
042	132-8	Comtech Mobile Datacom Corporation	CMDC-HCM-10GN-1	MT-2025 Satellite Communication Terminal	L-Band Transceiver, Ground Satellite, MT-2025 (Quantity 10000 +-)	\$1,989.81
043	132 32	TeleCommunication Systems, Inc.	OM500	CYBRScore® Skills Assessment - System Administration	OM500 - System Administration Full Assessment	\$452
044	132 32	TeleCommunication Systems, Inc.	PR100	CYBRScore® Skills Assessment - Cyber Defense Analyst	PR100 - Cyber Defense Analyst Full Assessment	\$452
045	132 32	TeleCommunication Systems, Inc.	PR100-1	CYBRScore® Skills Assessment - Cyber Defense Analyst: Protocol Analysis	PR100-1 - Cyber Defense Analyst: Protocol Analysis	\$180
046	132 32	TeleCommunication Systems, Inc.	PR100-2	CYBRScore® Skills Assessment - Cyber Defense Analyst: Intrusion Detection	PR100-2 - Cyber Defense Analyst: Intrusion Detection	\$180
047	132 32	TeleCommunication Systems, Inc.	PR100-3	CYBRScore® Skills Assessment - Cyber Defense Analyst: Incident Handling Methodology	PR100-3 - Cyber Defense Analyst: Incident Handling Methodology	\$180

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA Price
048	132 32	TeleCommunication Systems, Inc.	PR100-4	CYBRScore® Skills Assessment - Cyber Defense Analyst: Network Defense Analysis	PR100-4 - Cyber Defense Analyst: Network Defense Analysis	\$180
049	132 32	TeleCommunication Systems, Inc.	PR100-5	CYBRScore® Skills Assessment - Cyber Defense Analyst: Network Attack Analysis	PR100-5 - Cyber Defense Analyst: Network Attack Analysis	\$180
050	132 32	TeleCommunication Systems, Inc.	PR400	CYBRScore® Skills Assessment - Vulnerability Assessment Analyst Full Assessment	PR400 - Vulnerability Assessment Analyst Full Assessment	\$452
051	132 32	TeleCommunication Systems, Inc.	PR400-1	CYBRScore® Skills Assessment - Vulnerability Assessment Analyst: Intelligence Gathering	PR400-1 - Vulnerability Assessment Analyst: Intelligence Gathering	\$180
052	132 32	TeleCommunication Systems, Inc.	PR400-2	CYBRScore® Skills Assessment - Vulnerability Assessment Analyst: Attack (Red Team)	PR400-2 - Vulnerability Assessment Analyst: Attack (Red Team)	\$180
053	132 32	TeleCommunication Systems, Inc.	PR400-3	CYBRScore® Skills Assessment - Vulnerability Assessment Analyst: Defend (Blue Team)	PR400-3 - Vulnerability Assessment Analyst: Defend (Blue Team)	\$180
054	132 32	TeleCommunication Systems, Inc.	PR300	CYBRScore® Skills Assessment - Cyber Defense Incident Responder	PR300 - Cyber Defense Incident Responder Full Assessment	\$316
055	132 32	TeleCommunication Systems, Inc.	PR300-1	CYBRScore® Skills Assessment - Cyber Defense Incident Responder: Collection and Analysis	PR300-1- Cyber Defense Incident Responder: Collection and Analysis	\$180
056	132 32	TeleCommunication Systems, Inc.	PR300-2	CYBRScore® Skills Assessment - Cyber Defense Incident Responder: Reporting and Remediation	PR300-2- Cyber Defense Incident Responder: Reporting and Remediation	\$180
057	132 32	TeleCommunication Systems, Inc.	IN300	CYBRScore® Skills Assessment - Cyber Defense Forensics Analyst	IN300 - Cyber Defense Forensics Analyst Full Assessment	\$452

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA Price
058	132 32	TeleCommunication Systems, Inc.	IN300-1	CYBRScore® Skills Assessment - Cyber Defense Forensics Analyst: Network Collection and Handling	IN300-1 - Cyber Defense Forensics Analyst: Network Collection and Handling	\$180
059	132 32	TeleCommunication Systems, Inc.	IN300-2	CYBRScore® Skills Assessment - Cyber Defense Forensics Analyst: File Collection and Analysis	IN300-2 - Cyber Defense Forensics Analyst: File Collection and Analysis	\$180
060	132 32	TeleCommunication Systems, Inc.	IN300-3	CYBRScore® Skills Assessment - Cyber Defense Forensics Analyst: Malware Analysis	IN300-3 - Cyber Defense Forensics Analyst: Malware Analysis	\$180
061	132 32	TeleCommunication Systems, Inc.	NET101-L	CYBRScore® Lab - Network Essentials	Network Essentials	\$90
062	132 32	TeleCommunication Systems, Inc.	SEC101-L	CYBRScore® Lab - Security Essentials	Security Essentials	\$90
063	132 32	TeleCommunication Systems, Inc.	CEH101-L	CYBRScore® Lab - Ethical Hacker Essentials	Ethical Hacker Essentials	\$135
064	132 32	TeleCommunication Systems, Inc.	CSP101-L	CYBRScore® Lab - Security Professional Essentials	Security Professional Essentials	\$135
065	132 32	TeleCommunication Systems, Inc.	PEN50X-L	CYBRScore® Lab - Pentesting & Network Exploitation	Pentesting & Network Exploitation	\$135
066	132 32	TeleCommunication Systems, Inc.	PEN501-L	CYBRScore® Lab - Pentest Module 1 Windows Target Analysis	Pentest Module 1 Windows Target Analysis	\$90
067	132 32	TeleCommunication Systems, Inc.	PEN502-L	CYBRScore® Lab - Pentest Module 2 LINUX Target Analysis	Pentest Module 2 LINUX Target Analysis	\$90
068	132 32	TeleCommunication Systems, Inc.	PEN503-L	CYBRScore® Lab - Pentest Module 3 LAN Exploitation	Pentest Module 3 LAN Exploitation	\$90
069	132 32	TeleCommunication Systems, Inc.	PEN504-L	CYBRScore® Lab - Pentest Module 4 DMZ Exploitation	Pentest Module 4 DMZ Exploitation	\$90
070	132 32	TeleCommunication Systems, Inc.	FOR301-L	CYBRScore® Lab - Digital Media Forensics Basic	Digital Media Forensics Basic	\$90
071	132 32	TeleCommunication Systems, Inc.	FOR401-L	CYBRScore® Lab - Digital Media Forensics Advanced	Digital Media Forensics Advanced	\$90

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA Price
072	132 32	TeleCommunication Systems, Inc.	FOR411-L	CYBRScore® Lab - Digital Media Forensics Network	Digital Media Forensics Network	\$90
073	132 32	TeleCommunication Systems, Inc.	PR100-L	CYBRScore® Lab - Cyber Defense Analyst: Full Lab Bundle	Cyber Defense Analyst: Full Lab Bundle	\$135
074	132 32	TeleCommunication Systems, Inc.	PR100-1-L	CYBRScore® Lab - Cyber Defense Analyst: Protocol Analysis Labs	Cyber Defense Analyst: Protocol Analysis Labs	\$90
075	132 32	TeleCommunication Systems, Inc.	PR100-2-L	CYBRScore® Lab - Cyber Defense Analyst: Intrusion Detection Labs	Cyber Defense Analyst: Intrusion Detection Labs	\$90
076	132 32	TeleCommunication Systems, Inc.	PR100-3-L	CYBRScore® Lab - Cyber Defense Analyst: Incident Handling Methodology Labs	Cyber Defense Analyst: Incident Handling Methodology Labs	\$90
077	132 32	TeleCommunication Systems, Inc.	PR100-4-L	CYBRScore® Lab - Cyber Defense Analyst: Network Defense Labs	Cyber Defense Analyst: Network Defense Labs	\$90
078	132 32	TeleCommunication Systems, Inc.	PR100-5-L	CYBRScore® Lab - Cyber Defense Analyst: Network Attack Labs	Cyber Defense Analyst: Network Attack Labs	\$90
079	132 32	TeleCommunication Systems, Inc.	PR400-L	CYBRScore® Lab - Vulnerability Assessment Analyst: Full Lab Bundle	Vulnerability Assessment Analyst: Full Lab Bundle	\$135
080	132 32	TeleCommunication Systems, Inc.	PR400-1-L	CYBRScore® Lab - Vulnerability Assessment Analyst: Information Gathering	Vulnerability Assessment Analyst: Information Gathering	\$90
081	132 32	TeleCommunication Systems, Inc.	PR400-2-L	CYBRScore® Lab - Vulnerability Assessment Analyst: Attack (Red Team)	Vulnerability Assessment Analyst: Attack (Red Team)	\$90
082	132 32	TeleCommunication Systems, Inc.	PR400-3-L	CYBRScore® Lab - Vulnerability Assessment Analyst: Defend (Blue Team)	Vulnerability Assessment Analyst: Defend (Blue Team)	\$90
083	132 32	TeleCommunication Systems, Inc.	PR300-L	CYBRScore® Lab - Cyber Defense Incident Responder: Full Lab Bundle	Cyber Defense Incident Responder: Full Lab Bundle	\$135
084	132 32	TeleCommunication Systems, Inc.	IN300-L	CYBRScore® Lab - Cyber Defense Forensics Analyst:	Cyber Defense Forensics Analyst: Full Lab Bundle	\$135

Line Item	SIN	MANUFACTURER NAME	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	GSA Price
				Full Lab Bundle		
085	132 32	TeleCommunication Systems, Inc.	OM500-L	CYBRScore® Lab - System Administration: Full Lab Bundle	System Administration: Full Lab Bundle	\$135
086	132 32	TeleCommunication Systems, Inc.	OM500-TK	System Administration Tool Kit	System Administration: Full Lab Bundle & Full Assesment (OM500-L & OM500)	\$558
087	132 32	TeleCommunication Systems, Inc.	PR100-TK	Cyber Defense Analyst Tool Kit	Cyber Defense Analyst: Full Lab Bundle & Full Assesment (PR100-L & PR100)	\$558
088	132 32	TeleCommunication Systems, Inc.	PR400-TK	Vulnerability Assessment Analyst Tool Kit	Vulnerability Assessment Analyst: Full Lab Bundle & Full Assesment (PR400-L & PR400)	\$558
089	132 32	TeleCommunication Systems, Inc.	PR300-TK	Cyber Defense Incident Responder Tool Kit	Cyber Defense Incident Responder : Full Lab Bundle & Full Assesment (PR300-L & PR300)	\$429
090	132 32	TeleCommunication Systems, Inc.	IN300-TK	Cyber Defense Forensics Analyst Tool Kit	Cyber Defense Forensics Analyst: Full Lab Bundle & Full Assesment (IN300-L & IN300)	\$558