

**GENERAL SERVICES ADMINISTRATION  
FEDERAL ACQUISITION SERVICE  
AUTHORIZED FEDERAL SUPPLY SCHEDULE FSS PRICE LIST**



Online access to contract ordering information, terms, and conditions, up to date pricing, and the option to create an electronic delivery order are available through GSA Advantage!®, a menu driven database system. The internet address for GSA Advantage!® is: <https://www.GSAAdvantage.gov>.

**MULTIPLE AWARD SCHEDULE  
FSC GROUP: INFORMATION TECHNOLOGY AND PROFESSIONAL SERVICES**

**Raytheon Company**

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Contract number: GS-35F-204GA

**Product Service Codes (PSCs):**

7B22, DA01, DG11, DJ01, R704, V122, R706, R425, U006

Contract period: 27 JANUARY 2017 through 26 JANUARY 2027

Pricelist current through Modification #PS-0051 effective August 20, 2025

Business size: Other than Small

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For more information on ordering, go to the following website: <https://www.gsa.gov/schedules>.

Prices Shown Herein are Net (discount deducted)

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## SECTION 1 - CUSTOMER INFORMATION FOR ORDERING ACTIVITIES

### SPECIAL NOTICE TO AGENCIES – SMALL BUSINESS PARTICIPATION

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

For orders exceeding the micro-purchase threshold, FAR 8.404 requires agencies to consider the catalogs/pricelists of at least three schedule contractors or consider reasonably available information by using the GSA Advantage! online shopping service ([www.fss.gsa.gov](http://www.fss.gsa.gov)). The catalogs/pricelists, GSA Advantage! and the Federal Supply Service home page ([www.gsa.gov](http://www.gsa.gov)) contain information on a broad array of products and services offered by small business concerns.

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

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

#### 1A. SPECIAL ITEM NUMBERS (SIN) OFFERED

<b>SINs</b>	<b>SIN Title</b>
511210	Software Licenses
54151	Software Maintenance Services
611420	Information Technology Training
54151ECOM	Electronic Commerce and Subscription Services
54151S	Information Technology Professional Services
ANCILLARY	Ancillary Supplies and/or Services
541370GEO	Earth Observation Solutions
54151HACS	Highly Adaptive Cybersecurity Services
OLM	Order-Level Materials (OLMs)
611430	Professional and Management Development Training
541614SVC	Supply and Value Chain Management
541614	Deployment, Distribution, and Transportation Logistics Services
541330ENG	Engineering Services
541420	Engineering System Design and Integration Services
541380	Testing Laboratories
541715	Engineering Research and Development and Strategic Planning
611512	Flight Training

- 1B. IDENTIFICATION OF THE LOWEST PRICED MODEL NUMBER AND LOWEST UNIT PRICE FOR THAT MODEL FOR EACH SPECIAL ITEM NUMBER AWARDED IN THE CONTRACT. THIS PRICE IS THE GOVERNMENT PRICE BASED ON A UNIT OF ONE, EXCLUSIVE OF ANY QUANTITY/DOLLAR VOLUME, PROMPT PAYMENT, OR ANY OTHER CONCESSION AFFECTING PRICE. THOSE CONTRACTS THAT HAVE UNIT PRICES BASED ON THE GEOGRAPHIC LOCATION OF THE CUSTOMER, SHOULD SHOW THE RANGE OF THE LOWEST PRICE, AND CITE THE AREAS TO WHICH THE PRICES APPLY.**

SIN	Product	Price
54151ECOM	Basic TAK Server Monthly Subscription Service	\$698.24

- 1C. IF THE CONTRACTOR IS PROPOSING HOURLY RATES, A DESCRIPTION OF ALL CORRESPONDING COMMERCIAL JOB TITLES, EXPERIENCE, FUNCTIONAL RESPONSIBILITY AND EDUCATION FOR THOSE TYPES OF EMPLOYEES OR SUB-CONTRACTORS WHO WILL PERFORM SERVICES SHALL BE PROVIDED. IF HOURLY RATES ARE NOT APPLICABLE, INDICATE "NOT APPLICABLE" FOR THIS ITEM.**

See Labor Category Descriptions

**2. MAXIMUM ORDER**

- Maximum Order \$500,000 - SINs 511210, 54151, 54151ECOM, 54151S, and 54151HACS
- Maximum Order \$1,000,000 - SINs 541370GEO, 611430, 541614, 541614SVC, 541330ENG, 541420, 541715, and 611512
- Maximum Order \$250,000 - SINs 541380, 611420, OLM and ANCILLARY

However, agencies may place, and Raytheon may honor, orders exceeding this limit in accordance with FAR 8-404. Ordering agencies are encouraged to seek price reductions for orders in excess of the Maximum Order.

**3. MINIMUM ORDER**

The minimum dollar value is \$100.00.

**4. GEOGRAPHIC COVERAGE (DELIVERY AREA)**

Worldwide.

**5. POINT(S) OF PRODUCTION (CITY, COUNTY, AND STATE OR FOREIGN COUNTRY)**

To be specified on individual delivery/task orders.

**6. DISCOUNT FROM LIST PRICES OR STATEMENT OF NET PRICE**

Government Net Prices (discounts already deducted.)

**7. QUANTITY DISCOUNTS**

As negotiated and mutually agreed to for each individual delivery or task order.

**8. PROMPT PAYMENT TERMS**

NET 30. Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.

**9. FOREIGN ITEMS**

Not applicable

**10A. TIME OF DELIVERY**

To be specified on individual delivery/task orders. The Contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as set forth below:

SIN	Delivery Time (Days ARO)
511210 Software Licenses	30 – 180 Days
54151 Software Maintenance Services	30 – 180 Days
611420 Information Technology Training	30 – 180 Days
54151ECOM Electronic Commerce and Subscription Services	30 – 180 Days
54151S Information Technology Professional Services	30 – 180 Days
ANCILLARY Supplies and/or Services	30 – 180 Days
541370GEO Earth Observation Solutions	30 – 180 Days
54151HACS Highly Adaptive Cybersecurity Services	30 – 180 Days
OLM Order-Level Materials (OLMs)	30 – 180 Days
SIN	Delivery Time (Days ARO)
611430 Professional and Management Development Training	30 – 180 Days
541614SVC Supply and Value Chain Management	30 – 180 Days
541614 Deployment, Distribution, and Transportation Logistics Services	30 – 180 Days

541330ENG Engineering Services	30 – 180 Days
541420 Engineering System Design and Integration Services	30 – 180 Days
541380 Testing Laboratories	30 – 180 Days
541715 Engineering Research and Development and Strategic Planning	30 – 180 Days
611512 Flight Training	30 – 180 Days

**10B. EXPEDITED DELIVERY**

Not applicable

**10C. OVERNIGHT AND 2 DAY DELIVERY**

Not applicable

**10D. URGENT REQUIREMENTS**

When the Federal supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, ordering activities are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerate delivery. Raytheon shall reply to the inquiry within three workdays after receipt. (Raytheon shall confirm telephone replies in writing.) If Raytheon offers an accelerated delivery time acceptable to the ordering activity, any order(s) placed pursuant to the agreed upon accelerated delivery timeframe shall be delivered within this shorter delivery time, and in accordance with all the other terms and conditions of the contract.

**11. F.O.B. POINT**

Destination

**12A. ORDERING ADDRESS**

Raytheon Company  
Attn: Raytheon GSA Schedules PMO

22265 Pacific Boulevard  
Dulles, VA 20166  
Phone: 813-629-5106  
Email: [GSA.Schedule@rtx.com](mailto:GSA.Schedule@rtx.com)

Or as specified on individual task proposal.

**12B. ORDERING PROCEDURES**

See Federal Acquisition Regulation (FAR) 8.405-3.

**13. PAYMENT ADDRESS(ES)**

Address as specified on individual task proposal.

14. **WARRANTY PROVISION**  
STANDARD COMMERCIAL WARRANTY. CUSTOMER SHOULD CONTACT CONTRACTOR FOR A COPY OF THE WARRANTY.
15. **EXPORT PACKING CHARGES**  
Not applicable
16. **TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR**  
Not applicable
17. **TERMS AND CONDITIONS OF INSTALLATION**  
Not applicable
- 18A. **TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES**  
Not applicable
- 18B. **TERMS AND CONDITIONS FOR ANY OTHER SERVICES**  
Not applicable
19. **LIST OF SERVICE AND DISTRIBUTION POINTS**  
Not applicable
20. **LIST OF PARTICIPATING DEALERS**  
Not applicable
21. **PREVENTATIVE MAINTENANCE**  
Not applicable
- 22A. **SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES**  
Not applicable
- 22B. **SECTION 508 COMPLIANCE**  
Not applicable
23. **UNIQUE ENTITY IDENTIFIER (UEI) NUMBER**  
KLW3ZYL15493
24. **SYSTEM FOR AWARD MANAGEMENT (SAM)**  
Raytheon is registered with System for Award Management (SAM)

## ADDITIONAL TERMS AND CONDITIONS

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### 1. PERFORMANCE OF SERVICES

- a. The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity.
- b. The Contractor agrees to render services during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.
- c. The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Services shall be completed in a good and workmanlike manner.
- d. Any Contractor travel required in the performance of Earth Observation Solutions 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. All travel will be agreed upon with the client prior to the Contractor's travel.

### 2. INSPECTION/ACCEPTANCE

Raytheon shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any equipment that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming equipment at no increase in contract price. The ordering activity must exercise its post-acceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item unless the change is due to the defect in the item. For inspection and acceptance, the latest versions of solicitation clause 52.212-4 CONTRACT TERMS AND CONDITIONS–COMMERCIAL ITEMS (Nov 2023) and 552.212-4 CONTRACT TERMS AND CONDITIONS–COMMERCIAL ITEMS (FAR DEVIATION 52.212-4) (Jan 2023).

### 3. GUARANTEE/WARRANTY

- a. Unless specified otherwise in this contract, the Contractor's standard commercial guarantee/warranty as stated in the contract's commercial pricelist will apply to this contract.
- b. Raytheon 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, Raytheon 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 Raytheon's plant, the address is as follows: Address provided on a per order basis.

### 4. TECHNICAL SERVICES

The Contractor, without additional charge to the ordering activity, shall provide a hot line technical support number 877-280-1593 for the purpose of providing user assistance and guidance in the implementation of the software. The technical support number is available from 8:00 a.m. to 5:00 p.m. U.S. Mountain Time, Monday through Friday, excluding holidays. (For purposes of this Service, the term "Recognized Holidays" means New Year's Day, Memorial

Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.)

## 5. RESPONSIBILITIES OF THE CONTRACTOR

Raytheon 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. If the end product of a task order is software, then FAR 52.227-14 (May 2014) Rights in Data – General, may apply.

The Contractor shall comply with contract clause (52.204-21) to the Federal Acquisition Regulation (FAR) for the basic safeguarding of contractor information systems that process, store, or transmit Federal data received by the contract in performance of the contract. This includes contract documents and all information generated in the performance of the contract.

## 6. RESPONSIBILITIES OF THE ORDERING ACTIVITY

Subject to security regulations, the ordering activity shall permit Contractor access to all facilities necessary to perform the requisite services.

## 7. INDEPENDENT CONTRACTOR

All IT Professional Services, Earth Observation Solutions Services, and Highly Adaptive Cybersecurity Services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

## 8. 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” refer 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.

## 9. INVOICES

The Contractor, upon completion of the work ordered, shall submit invoices. 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.

#### 10. PAYMENTS

For Firm-Fixed Price orders the ordering activity shall pay the Contractor, upon submission of proper invoices or vouchers, the prices stipulated in the contract for service rendered and accepted. Progress payments shall be made only when authorized by the order. GSAR 552.212-4 CONTRACT TERMS AND CONDITIONS –COMMERCIAL PRODUCTS AND COMMERCIAL SERVICES(NOV 2023) (DEVIATION – FEB 2007) (FAR DEVIATION – JAN 2023) applies to Fixed Price orders placed under this contract.

For Time-and-Material/Labor Hour orders, the ordering activity shall pay the Contractor, upon submission of proper invoices or vouchers, the billable hours at the agreed upon fixed hourly rates for each category included in the order and the cost of Materials including any associated general and administrative expenses in accordance with GSAR 552.212-4 CONTRACT TERMS AND CONDITIONS -COMMERCIAL PRODUCTS AND COMMERCIAL SERVICES (NOV 2023) (FAR DEVIATION - JAN 2023) (ALTERNATE I – NOV 2021) (DEVIATION - FEB 2007) which applies to Time and Materials and labor hour orders placed under this contract.

#### 11. RESUMES

Resumes shall be provided to the GSA Contracting Officer or the user ordering activity upon request or as required. The contractor is required to provide personnel meeting the qualifications specified under any labor categories quoted on a Time & Materials order or that form the Firm Fixed Price.

#### 12. 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.

#### 13. 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.

## TERMS AND CONDITIONS APPLICABLE TO SOFTWARE LICENSES (SPECIAL ITEM NUMBER 511210)

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### 1. SCOPE:

SIN 511210 includes both term and perpetual software licenses and maintenance. Includes operating system software, application software, EDI translation and mapping software, enabled email message based applications, Internet software, database management applications, and other software.

### 2. SOFTWARE LICENSES AS IT IS DEFINED:

#### a. Software Licenses as "Term"

"Term" is defined as "a limited period of time". Term Software Licenses have a limited duration and are not owned in perpetuity. Unless Offerors provide an option for converting Term licenses into perpetual licenses, users lose the right to use these licenses upon the end of the term period.

#### b. Software License as "Perpetual"

"Perpetual" is defined as "continuing forever, everlasting, valid for all time".

### 3. CONVERSION FROM TERM LICENSE TO PERPETUAL LICENSE

a. When standard commercial practice offers conversions of term licenses to perpetual licenses, and an ordering activity requests such a conversion, the contractor shall provide the total amount of conversion credits available for the subject software within ten (10) calendar days after placing the order.

b. When conversion credits are provided, they shall continue to accrue from one contract period to the next, provided the software has been continually licensed without interruption.

c. The term license for each software product shall be discontinued on the day immediately preceding the effective date of conversion from a term license to a perpetual license.

d. When conversion from term licenses to perpetual licenses is offered, the price the ordering activity shall pay will be the perpetual license price that prevailed at the time such software was initially ordered under a term license, or the perpetual license price prevailing at the time of conversion from a term license to a perpetual license, whichever is the less, minus an amount equal to a percentage of all term license payments during the period that the software was under a term license within the ordering activity.

### 4. TERM LICENSE CESSATION

a. The Contractor agrees to provide updates and software maintenance services for the software after a perpetual license has accrued, at the prices and terms of SIN 54151 - Software Maintenance Services if the licensee elects to order such services. Title to the software shall remain with the Contractor.

## 5. TERM LICENSE CESSATION – Reallocation of Perpetual Software (Option 2 Perpetual License).

- a. The purpose of SIN 511210 OPTION 2 is to allow ordering activities to transfer software assets for a pre-negotiated charge to other ordering activities.
- b. When an ordering activity becomes aware that a reusable software asset may be available for transfer, it shall contact the Contractor, identify the software license or licenses in question, and request that these licenses be reallocated or otherwise made available to the new ordering activity.
- c. Contractors shall release the original ordering activity from all future obligations under the original license agreement and shall present the new ordering activity with an equivalent license agreement. When the new ordering activity agrees to the license terms, henceforth any subsequent infringement or breach of licensing obligations by the new ordering activity shall be a matter exclusively between the new ordering activity and the Contractor.
- d. The original ordering activity shall de-install, and/or make unusable all of the software assets that are to be transferred. It shall have no continuing right to use the software and any usage shall be considered a breach of the Contractor's intellectual property and a matter of dispute between the original ordering activity/original license grantee and the licensor.
- e. As a matter of convenience, once the original licenses are deactivated, di-installed, or made otherwise unusable by the original ordering activity or license grantee, the Contractor may elect to issue new licenses to the new ordering activity to replace the old licenses. When new licenses are not issued, the Contractor shall provide technical advice on how best to achieve the functional transfer of the software assets.
- f. Software assets that are eligible for transfer that have lapsed Software Maintenance Services (SIN 54151) may require a maintenance reinstatement fee, chargeable to the new ordering activity or license grantee. When such a fee is paid, the new ordering activity shall receive all the rights and benefits of Software Maintenance Services.
- g. When software assets are eligible for transfer and are fully covered under pre-paid Software Maintenance Services (SIN 54151), the new ordering activity shall not be required to pay maintenance for those license assets prior to the natural termination of the paid for maintenance period. The rights associated with paid for current Software Maintenance Services shall automatically transfer with the software licenses without fee. When the maintenance period expires, the new ordering activity or license grantee shall have the option to renew maintenance.
- h. The administrative fee to support the transfer of licenses, exclusive of any new incremental licensing or maintenance costs shall be percentage (%) of the original license fee. The fee shall be paid only at the time of transfer. In applying the transfer fee, the Software Contractor shall provide transactional data that supports the original costs of the licenses.

## 6. SOFTWARE CONVERSIONS

Not applicable.

## TERMS AND CONDITIONS APPLICABLE TO SOFTWARE MAINTENANCE SERVICES (SPECIAL ITEM NUMBER 54151)

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### 1. END USER LICENSE AGREEMENTS REQUIREMENTS (EULA) / TERMS OF SERVICE (TOS) AGREEMENT REQUIREMENTS

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

### 2. SOFTWARE MAINTENANCE

a. Software maintenance as it is defined:

#### 1. Software Maintenance as a Product

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

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

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

#### 2. Software Maintenance as a Service

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

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

### 3. PERIODS OF MAINTENANCE

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

b. Term licenses and/or maintenance may be discontinued by the ordering activity on thirty (30) calendar day written notice to the Contractor.

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

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

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

#### 4. UTILIZATION LIMITATIONS

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

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

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

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

(3) Except as is provided in paragraph 7.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.

#### **5. SOFTWARE CONVERSIONS**

Full monetary credit will be allowed to the ordering activity when conversion from one version of the software to another is made as the result of a change in operating system, or from one computer system to another.

#### **6. 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.

#### **7. RIGHT TO COPY PRICING**

The Contractor shall insert the discounted pricing for right to copy licenses.

## TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY (IT) TRAINING (SPECIAL ITEM NUMBER 611420)

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### 1. SCOPE

SIN 611420 includes training on hardware, software, cloud, and other applicable systems.

### 2. CANCELLATION AND RESCHEDULING

- a. The order 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 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.

### 3. 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.

### 4. FORMAT AND CONTENT OF TRAINING

- a. Offerors 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 equipment to students.
- c. Offerors shall provide each student with a Certificate of Training at the completion of each training course.
- d. Offerors shall provide the following information for each training course offered:

1. Course title;

2. Brief description of the course content, to include the course format (e.g., lecture, discussion, hands-on training);
  3. Length of the course;
  4. Mandatory and desirable prerequisites for student enrollment;
  5. Minimum and maximum number of students per class;
  6. Locations where the course is offered;
  7. Class schedules; and
  8. Price (per student, per class (if applicable)).
- e. For course 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. 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.

**TERMS AND CONDITIONS APPLICABLE TO ELECTRONIC COMMERCE  
AND SUBSCRIPTION SERVICES (SPECIAL ITEM NUMBER 54151ECOM)**

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**1. ACCEPTANCE TESTING**

a. Acceptance testing shall be performed of the systems for ordering activity approval in accordance with the approved test procedures. Management and operations pricing shall be provided on a uniform basis. All management and operations requirements for which pricing elements are not specified shall be provided as part of the basic services.

b. Normal commercial installation, operation, maintenance, and engineering interface training on the system shall be provided.

c. Monthly summary report may be provided to the Ordering Activity in accordance with commercial practice.

**2.** All services shall be billed in arrears in accordance with 31 U.S.C. 3324.

**TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY  
(IT) PROFESSIONAL SERVICES (SPECIAL ITEM NUMBER 54151S)**

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**1. SCOPE**

- a. The prices, terms and conditions stated under Special Item Number 54151S Information Technology Professional Services apply exclusively to IT Professional Services within the scope of this Information Technology Schedule. Scope includes database planning and design; systems analysis, integration, and design; programming, conversion and implementation support; network services, data/ records management, and testing.
- 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. STOP-WORK ORDER (FAR 52.242-15 (AUG 1989))**

- a. The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either-
- (1) Cancel the stop-work order; or
  - (2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.
- b. If a stop-work order issued under this clause is cancelled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if-
- (1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract, and
  - (2) The contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.
- c. If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.
- d. If a stop-work order is not cancelled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

3. RAYTHEON LABOR CATEGORY DESCRIPTIONS – SIN 54151S

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<b>Subject Matter Expert</b>	PhD. Includes the following technical disciplines: (1) Hardware, Software and Systems Engineering; (2) Scientist, Physics & Mathematician; (3) Scientific Programmer / Analyst.	15 of experience as a technical authority in one or more technical fields	Master's and 16 years' experience as a technical authority in one or more technical fields
By virtue of technical knowledge, secures new business by providing innovative solutions to the most complex and technologically advanced problems. Recognized as a world-class expert within a particular discipline. Works on the forefront of new technologies. Maintains a high level of customer visibility and interaction. Often directs the efforts of a team of engineers to achieve stated objectives.			
<b>PROGRAM MANAGER</b>	Bachelor's degree	8	PhD and 6 years related experience Master's and 7 years related experience Associates and 12 years related experience High School Diploma and 16 years related experience
Required to have at least 8 years of Program Management experience and/or IT and telecommunications system management experience within the scope of the contract. Must be able to exercise independent judgement and solve technical, administrative, and managerial problems. Has ultimate responsibility for planning and coordinating staff, and managing costs, quality, and schedule. Manages teams of contract support personnel at multiple locations and maintains and manages the client interface at the senior levels of the client organization. Meets with customer and contractor personnel to formulate and review task plans and deliverable items. Ensures conformance with program task schedules and costs.			
<b>PROJECT MANAGER</b>	Bachelor's degree	4	PhD and 2 years related experience Master's and 3 years related experience Associates and 8 years related experience High School Diploma and 12 years related experience
Required to have at least 4 years of Project Manager experience and/or IT and telecommunications system management experience within the scope of the contract. Must be able to exercise independent judgement and solve technical, administrative, and managerial problems. Has responsibility for planning and coordinating staff, and managing costs, quality, and schedule. Provides applications systems analysis and programming activities for a Government site, facility, or multiple locations. Prepares long and short-range plans for application selection, systems, development, Systems Maintenance, and production activities and for necessary support resources. Oversees all aspects of projects including day-to-day management of overall contract support operations.			

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<b>PRINCIPAL STAFF ADVISOR</b>	Bachelor's degree	10	PhD and 8 years related experience
<p>Required to have at least 10 years as Principal Staff Advisor and/or IT experience within the scope of the contract. Unique knowledge of one or more fields of specialization with extensive knowledge of customer requirements. A recognized expert in one or more disciplines such as business, computer science, engineering, mathematics, or the various sciences. Provides Information technology knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems that need extensive knowledge for effective implementation. Able to guide teams, analyze complex problems, propose unique solutions, problem solve and make decisions which impact technical or financial results of cross functional business areas, communicate results, and negotiates actions. Serves often as a prime point of contact for customers in a management or lead position.</p>			<p>Master's and 9 years related experience                      Associates and 14 years related experience                      High School Diploma and 18 years related experience</p>
<b>SENIOR STAFF MEMBER</b>	Bachelor's degree	8	PhD and 6 years related experience
<p>Required to have at least 8 years of experience as Sr. Staff Member and/or IT experience within the scope of the contract. In-depth knowledge of Information Technology and/or highly specialized applications and operational environments and able to lead large tasks often serving in leadership role. Responsible for meeting user requirements and may be primary customer interface. Capable of directing activities, evaluating requirements, and develop solutions to highly complex problems. Makes decisions with visible technical or financial impacts on the business or process. Applies principles, methods and knowledge of the functional area of capability to specific task order requirements, and methods to exceptionally difficult and narrowly defined technical problems in Information Technology and engineering applications to arrive at automated solutions.</p>			<p>Master's and 7 years related experience                      Associates and 12 years related experience                      High School Diploma and 16 years related experience</p>
<b>STAFF MEMBER</b>	Bachelor's degree	6	PhD and 4 years related experience
<p>Required to have at least 6 years of experience as Staff Member and/or IT experience within the scope of the contract. Broad knowledge of Information Technology and/or highly specialized application and operational environment and able to implement tasks. Works within general instructions on broadly defined projects. Under limited supervision, solves complex problems and makes limited decisions and recommendations. Able to lead small tasks and provide direction, to articulate and brief matters to the customer, and to interpret data and apply principles and concepts to effectively solve technical or business problems in Information Technology and engineering applications to arrive at automated solutions.</p>			<p>Master's and 5 years related experience                      Associates and 10 years related experience                      High School Diploma and 14 years related experience</p>
<b>SR. SYSTEMS ARCHITECT</b>	Bachelor's degree	8	PhD and 6 years related experience
<p>Experience with advanced and special analytical skills focused on information systems. Must have an advanced understanding and specialized expertise in computer technology such as real-time, databases, user interfaces, information processing, and exploitation.</p>			<p>Master's and 7 years related experience                      Associates and 12 years related experience                      High School Diploma and 16 years related experience</p>

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<p><b>SR. SYSTEMS ENGINEER</b></p> <p>Experience providing technical analysis engineering and direction of information system development and testing. Duties include but are not limited to defining requirements, technical guidance and direction, system testing, and appraising and presenting solutions</p>	Bachelor's degree	8	PhD and 6 years related experience Master's and 7 years related experience Associates and 12 years related experience High School Diploma and 16 years related experience
<p><b>SYSTEMS ENGINEER</b></p> <p>Experience providing technical analysis engineering and direction of information system development and testing. Duties include but are not limited to defining requirements, technical guidance and direction, system testing, and appraising and presenting solutions.</p>	Bachelor's degree	4	PhD and 2 years related experience Master's and 3 years related experience Associates and 8 years related experience High School Diploma and 12 years related experience
<p><b>JR. SECURITY ENGINEER</b></p> <p>Frequent use and application of technical standards, principles, theories, concepts and techniques spanning a variety of security domains whether it be physical, cyber, information or system. Provides solutions to a variety of technical problems of moderate scope and complexity. Works under general supervision. Follows established procedures. Contributes to the completion of milestones associated with specific projects.</p>	B.S./B.A. in Engineering, Science, or Mathematics	2	PhD and 0 years related experience Master's and 1 years related experience Associates and 6 years related experience High School Diploma and 10 years related experience
<p><b>MID-LEVEL SECURITY ENGINEER</b></p> <p>Applies extensive technical expertise and has full knowledge of other related disciplines across a variety of security domains whether it be physical, cyber, information or system. Develops technical solutions to complex problems that require the regular use of ingenuity and creativity. Work is performed without appreciable direction. Exercises considerable latitude in determining technical objectives of assignment. Interacts with senior external personnel on significant technical matters often requiring coordination between organizations.</p>	B.S./B.A. in Engineering, Science, or Mathematics	6	PhD and 4 years related experience Master's and 5 years related experience Associates and 10 years related experience High School Diploma and 14 years related experience
<p><b>JR. PROGRAMMER/ANALYST</b></p> <p>Performs routine design, coding, and documentation of application programs for computers in related equipment used for information management projects.</p>	Bachelor's degree	0	PhD and 0 years related experience Master's and 0 years related experience Associates and 4 years related experience High School Diploma and 8 years related experience

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<b>CONFIGURATION Mgmt. SPECIALIST</b>	Bachelor's degree	4	PhD and 2 years related experience
Required to have at least 4 years of experience as Configuration Management Specialist and/or IT product and related software experience within the scope of the contract. Experience in establishing overall requirements, developing plans, implementing directives, and establishing and maintaining disciplined environment to ensure configuration control. Provides configuration management planning, and describes provisions for configuration identification, change control, configuration status accounting, and configuration audits. Regulates the change process so that only approved and validated changes are incorporated into product documents and related software.			Master's and 3 years related experience Associates and 8 years related experience High School Diploma and 12 years related experience
<b>DATA MANAGER</b>	Bachelor's degree	4	PhD and 2 years related experience
Experience managing data management functions. Duties include but are not limited to activities involved in the receipt, development, storage, control, and distribution of all project related data.			Master's and 3 years related experience Associates and 8 years related experience High School Diploma and 12 years related experience
<b>PRINCIPAL INFORMATION SYSTEMS SCIENTIST</b>	Bachelor's degree	12	PhD and 10 years related experience
Experience performing enterprise-wide set of disciplines for the planning, analysis, design, and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise. Ensures systems are compatible and in compliance with standards. Provides technical guidance in software engineering techniques and automated task support.			Master's and 11 years related experience Associates and 16 years related experience High School Diploma and 20 years related experience
<b>PRINCIPAL SCIENTIST</b>	Master's degree in computer science, Systems, or related field	10 years overall experience with at least 4 years systems engineering experience	PhD and 9 years overall experience with at least 3 years systems engineering experience
Plans, organizes, and controls the overall activities of the contract. Responsible for recruiting, staffing, management, technical quality, scheduling, and cost performance of the overall program. Consults with the Contracting Officer Representative (COR) to minimize costs and maximize efficiency in achieving stated requirements. Ensures that all activities conform with the terms and conditions of the contract and task ordering procedures. Provides direction and technical integration across task orders and oversees the complete systems development effort from requirements analysis and feasibility studies to post implementation evaluation. Manages sophisticated systems engineering and analysis techniques to define and develop complex information systems on multiple platforms and development environments. Oversees feasibility studies to determine new or changed procedures or applications of information technology in particular system functional areas. Responsible for defining, reviewing, and approving functional requirements and overseeing system testing and implementation.			Bachelor's and 11 years overall experience with at least 5 years systems engineering experience

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<b>PRINCIPAL FUNCTIONAL AREA SPECIALIST</b>	Bachelor's degree	12	PhD and 10 years related experience
<p>Required to have at least 12 years of experience as Principal Functional Area Specialist and/or IT experience and expertise in a specific functional area within the scope of the contract. Experience in analyzing user/program needs in determining functional requirements. May be knowledgeable in process analysis techniques in the areas of design, integration, and documentation of information systems, and implementation advice on exceptionally complex problems. May have specific expertise in business or functional areas such as financial management, accounting, procurement, and maintenance engineering analysis. Possesses requisite knowledge and expertise recognized in the professional community and is considered an authority in domain area of expertise.</p>			<p>Master's and 11 years related experience                      Associates and 16 years related experience                      High School Diploma and 20 years related experience</p>
<b>SR. QA SPECIALIST</b>	Bachelor's degree	8	PhD and 6 years related experience
<p>Experience establishing and maintaining policies /procedures for evaluating information management systems and associated documentation.</p>			<p>Master's and 7 years related experience                      Associates and 12 years related experience                      High School Diploma and 16 years related experience</p>
<b>QA SPECIALIST</b>	Bachelor's degree	4	PhD and 2 years related experience
<p>Experience in establishing and maintaining policies /procedures for evaluating information management systems and associated documentation.</p>			<p>Master's and 3 years related experience                      Associates and 8 years related experience                      High School Diploma and 12 years related experience</p>
<b>Business Analyst</b>	Bachelor's degree	4	PhD and 2 years related experience
<p>Required to have at least 4 years of experience as a Business Analyst and/or IT or business/financial experience within the scope of the contract. Experience in all financial management and administrative activities such as budgeting, staffing, and resource planning, and financial reporting. Duties include but are not limited to developing work breakdown structures, preparing charts, tables, graphs, and diagrams to assist in analyzing resources and market. May provide support in the areas of budget, billing, reporting, and financial management for IT initiatives.</p>			<p>Master's and 3 years related experience                      Associates and 8 years related experience                      High School Diploma and 12 years related experience</p>

**TERMS AND CONDITIONS APPLICABLE TO ANCILLARY SUPPLIES AND/OR SERVICES (SPECIAL ITEM NUMBER ANCILLARY)**

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<p><b>Data Entry</b></p> <p>Performs data entry via on-line or other media and verification of data entry.</p>	High School Diploma	0	<p>PhD and 0 years related experience</p> <p>Master's and 0 years related experience</p> <p>Bachelor's and 0 years related experience</p> <p>Associates and 0 years related experience</p>
<p><b>Administrator</b></p> <p>Required to have at least 4 years of Administrator and/or IT experience within the scope of the contract. Experience in providing administrative and secretarial support. Duties include but are not limited to word processing, scheduling, clerical support, completing company forms, documentation, maintaining records and files. Interfaces with personnel to coordinate meetings, maintain logs, records and files, provides end-user support, and performs general administrative duties. May assist in budgetary, billing, and financial management. Responsible for preparing and/or maintaining systems, programming and operations documentation, procedures and methods, including user reference manuals.</p>	High School Diploma	4	<p>PhD and 0 years related experience</p> <p>Master's and 1 year related experience</p> <p>Bachelor's and 2 years related experience</p> <p>Associates and 3 years related experience</p>

## TERMS AND CONDITIONS APPLICABLE TO EARTH OBSERVATION SOLUTIONS (EOS) (SPECIAL ITEM NUMBER 541370GEO)

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### 1. SCOPE

- a. The terms and conditions stated under Special Item Numbers 541370GEO Earth Observation Solutions apply exclusively to this SIN within the Information Technology Schedule.
- b. This SIN is a solutions SIN, which involves services and products to include but not limited to imagery, subscriptions, software, platform and data as a service, and end-to-end data analytics. This SIN provides ordering activities with access to a wide range of Earth Observation Solutions.
- c. Earth Observation Solutions provided shall comply with all certifications and industry standards as specified by ordering activity.
- d. 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. INFORMATION ASSURANCE/SECURITY REQUIREMENTS

- a. The contractor shall meet information assurance and security requirements in accordance with the ordering activity requirements specified in the order and/or Blanket Purchase Agreement. The ordering activity is responsible for ensuring to the maximum extent practicable that each requirement issued is in compliance with the Federal Information Security Management Act (FISMA) as applicable.
- b. The ordering activity shall assign an impact level (per Federal Information Processing Standards Publication 199 & 200 (FIPS 199, "Standards for Security Categorization of Federal Information and Information Systems") (FIPS 200, "Minimum Security Requirements for Federal Information and Information Systems") prior to issuing the initial statement of work. Evaluations shall consider the extent to which each proposed service accommodates the necessary security controls based upon the assigned impact level. The Contractor awarded the SIN shall be capable of meeting at least the minimum security requirements assigned against a low-impact information system.
- c. The ordering activity reserves the right to independently evaluate, audit, and verify the FISMA compliance for any proposed or awarded services. All FISMA certification, accreditation, and evaluation activities are the responsibility of the ordering activity.
- d. Ordering activities are responsible for determining any additional information assurance and security-related requirements based on the nature of the application and relevant mandates. This may include incorporation of the appropriate security forms (e.g., a DD-254) for any special clearance requirements and indoctrinations, such as Sensitive Compartmented Information (SCI). This may also include DOD Directives cited in specific orders and Blanket Purchase Agreements.

### 3. STANDARDS COMPLIANCE

- a. Vendor suitability for offering solutions through the Earth Observation Solutions SIN must be in accordance with the laws and standards when cited applicable to specific orders and Blanket Purchase Agreements. Offerings shall comply with cited Department of Defense (DoD) standards, Intelligence Community (IC) standards, Open Geospatial Consortium (OGC) standards (<http://www.opengeospatial.org/standards>), and other standards such as <https://nationalmap.gov/standards> stated as applicable in specific orders and Blanket Purchase Agreements.

#### 4. DESCRIPTION OF SERVICES AND PRICING

a. The Contractor shall provide a description of offerings under Earth Observation Solutions SIN in the same manner as the Contractor sells to its commercial and ordering activity customers. The contractor shall provide a description and any applicable licensing should be included. If the contractor is proposing hourly rates (for hours that are not already rolled into a subscription), then a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.

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

The following is an example of the manner in which the description of a commercial job title should be presented if applicable. Contractors shall only use personnel who meet the requirements, or any equivalent combination of education and experience cited by the vendor:

EXAMPLE: Commercial Job Title: System Engineer

Minimum/General Experience: Three (3) years of technical experience which applies to systems analysis and design techniques for complex computer systems. Requires competence in all phases of systems analysis techniques, concepts and methods; also requires knowledge of available hardware, system software, input/output devices, structure and management practices.

Functional Responsibility: Guides users in formulating requirements, advises alternative approaches, conducts feasibility studies.

Minimum Education: Bachelor's Degree in Computer Science

c. Multiple Award Schedule (MAS) is not to be used as a means to procure services which fall under the Brooks Act. The services offered under this SIN shall NOT include construction, alteration of real property or Architect-Engineering (A-E) services as set forth in FAR Part 36. 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 that are allowable on MAS.

5. RAYTHEON LABOR CATEGORY DESCRIPTIONS – SIN 541370GEO

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<p><b>EOS – Program Manager</b></p> <p>Required to have at least 8 years of Program Management experience and/or EOS management experience within the scope of the contract. Must be able to exercise independent judgement and solve technical, administrative, and managerial problems. Has ultimate responsibility for planning and coordinating staff, and managing costs, quality, and schedule. Manages teams of contract support personnel at multiple locations and maintains and manages the client interface at the senior levels of the client organization. Meets with customer and contractor personnel to formulate and review task plans and deliverable items. Ensures conformance with program task schedules and costs.</p>	Bachelor's degree	8	PhD and 6 years related experience Master's and 7 years related experience
<p><b>EOS – Project Manager</b></p> <p>Required to have at least 4 years of Project Manager experience and/or EOS experience within the scope of the contract. Must be able to exercise independent judgement and solve technical, administrative, and managerial problems. Has responsibility for planning and coordinating staff, and managing costs, quality, and schedule. Provides applications systems analysis and programming activities for a Government site, facility or multiple locations. Prepares long and short-range plans for application selection, systems, development, Systems Maintenance, and production activities and for necessary support resources. Oversees all aspects of projects including day-to-day management of overall contract support operations.</p>	Bachelor's degree	4	PhD and 2 years related experience Master's and 3 years related experience
<p><b>EOS – Principal Staff Advisor</b></p> <p>Required to have at least 10 years as Principal Staff Advisor and/or EOS experience within the scope of the contract. Unique knowledge of one or more fields of specialization with extensive knowledge of customer requirements. A recognized expert in one or more disciplines such as business, computer science, engineering, mathematics, or the various sciences. Provides Information technology knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems that need extensive knowledge for effective implementation. Able to guide teams, analyze complex problems, propose unique solutions, problem solve and make decisions which impact technical or financial results of cross functional business areas, communicate results, and negotiates actions. Serves often as a prime point of contact for customers in a management or lead position.</p>	Bachelor's degree	10	PhD and 8 years related experience Master's and 9 years related experience

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<b>EOS – Subject Matter Expert</b>	PhD. Includes the following technical disciplines:(1) Hardware, Software and Systems Engineering, (2) Scientist, Physics & Mathematician; (3) Scientific Programmer / Analyst.	15 years of experience as a technical authority in one or more technical fields	Master's and 16 years' experience as a technical authority in one or more technical fields
By virtue of technical knowledge, secures new business by providing innovative solutions to the most complex and technologically advanced problems. Recognized as a world-class expert within a particular discipline. Works on the forefront of new technologies. Maintains a high level of customer visibility and interaction. Often directs the efforts of a team of engineers to achieve stated objectives. Expertise is in a particular area of Information Technology in the EOS field.			
<b>EOS – Subject Matter Expert (Lead)</b>	Bachelor's degree	12	PhD and 10 years related experience Master's and 11 years related experience
Provides expert support, analysis and research into exceptionally complex problems, and processes relating to the subject matter. Serves as technical expert on executive-level project teams providing technical direction, interpretation and alternatives. Thinks independently and demonstrates exceptional written and oral communications skills. Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Works on unusually complex technical problems and provides solutions which are highly innovative and ingenious. Works under consultative direction toward predetermined long-range goals and objectives. Assignments are often self-initiated. Determines and pursues courses of action necessary to obtain desired results. Develops advanced technological ideas and guides their development into a final product. Expertise is in a particular area of Information Technology in the EOS field.			
<b>EOS – Subject Matter Expert (Intermediate)</b>	Bachelor's degree	8	PhD and 6 years related experience Master's and 7 years related experience
With minimal direction, provides expert support, analysis and research into exceptionally complex problems, and processes relating to the subject matter. Serves as technical expert on executive-level project teams providing technical direction, interpretation and alternatives. Thinks independently and demonstrates exceptional written and oral communications skills. Applies extensive technical expertise and has full knowledge of other related disciplines. Guides the successful completion of major programs and may function in a project leadership role. Develops technical solutions to complex problems that require the regular use of ingenuity and creativity. Work is performed without appreciable direction. Exercises considerable latitude in determining technical objectives of assignment. Expertise is in a particular area of Information Technology in the EOS field.			
<b>EOS – Subject Matter Expert (Associate)</b>	Bachelor's degree	6	PhD and 4 years related experience Master's and 5 years related experience
Under broad direction, provides expert support, analysis and research into especially complex problems, and processes relating to the subject matter. Serves as technical expert on high-level project teams providing technical direction, interpretation and alternatives. Thinks independently and demonstrates superior written and oral communications skills. Possesses a complete understanding and wide experience in the application of technical principles, theories, and concepts in the field. Provides technical solutions to a wide range of difficult problems. Solutions are imaginative, thorough, practicable, and consistent with organizational objectives. Works under only general direction. Independently determines and develops approach to solutions. Contributes to the completion of specific programs and projects. Expertise is in a particular area of Information Technology in the EOS field.			

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<b>EOS – Sr. Systems Architect</b>	Bachelor's degree	8	PhD and 6 years related experience Master's and 7 years related experience
Experience of advanced and special analytical skills focused on information systems. Must have an advanced understanding and specialized expertise in EOS computer/technology such as real-time, databases, user interfaces, information processing, and exploitation.			
<b>EOS – Sr. Systems Engineer</b>	Bachelor's degree	8	PhD and 6 years related experience Master's and 7 years related experience
Experience providing technical analysis engineering and direction of information system development and testing. Duties include but are not limited to defining requirements, technical guidance and direction, system testing, and appraising and presenting EOS solutions.			
<b>EOS – Systems Engineer</b>	Bachelor's degree	4	PhD and 2 years related experience Master's and 3 years related experience
Experience providing technical analysis engineering and direction of information system development and testing. Duties include but are not limited to defining requirements, technical guidance and direction, system testing, and appraising and presenting EOS solutions.			
<b>EOS – Jr. Security Engineer</b>	B.S./B.A. in Engineering, Science, or Mathematics	2	PhD and 0 years related experience Master's and 1 years related experience
Frequent use and application of technical standards, principles, theories, concepts and techniques spanning a variety of security domains whether it be physical, cyber, information or system. Provides solutions to a variety of technical problems of moderate scope and complexity. Works under general supervision. Follows established procedures. Contributes to the completion of milestones associated with EOS specific projects.			
<b>EOS – Mid-Level Security Engineer</b>	B.S./B.A. in Engineering, Science, or Mathematics	6	PhD and 4 years related experience Master's and 5 years related experience
Applies extensive technical and/or EOS expertise and has full knowledge of other related disciplines across a variety of security domains whether it be physical, cyber, information or system. Develops technical solutions to complex problems that require the regular use of ingenuity and creativity. Work is performed without appreciable direction. Exercises considerable latitude in determining technical objectives of assignment. Interacts with senior external personnel on significant technical matters often requiring coordination between organizations.			
<b>EOS – Jr. Programmer/Analyst</b>	Bachelor's degree	0	PhD and 0 years related experience Master's and 0 years related experience
Performs routine design, coding, and documentation of application programs for computers in related equipment used for EOS projects.			

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<p><b>EOS – Configuration Mgmt.</b></p> <p>Required to have at least 4 years of experience as Configuration Management Specialist and/or EOS product and related software experience within the scope of the contract. Experience in establishing overall requirements, developing plans, implementing directives, and establishing and maintaining disciplined environment to ensure configuration control. Provides configuration management planning, and describes provisions for configuration identification, change control, configuration status accounting, and configuration audits. Regulates the change process so that only approved and validated changes are incorporated into product documents and related software.</p>	Bachelor's degree	4	PhD and 2 years related experience Master's and 3 years related experience
<p><b>EOS – Data Manager</b></p> <p>Experience managing data management functions. Duties include but are not limited to activities involved in the receipt, development, storage, control, and distribution of all EOS project related data.</p>	Bachelor's degree	4	PhD and 2 years related experience Master's and 3 years related experience
<p><b>EOS – Principal Functional Area Specialist</b></p> <p>Required to have at least 12 years of experience as Principal Functional Area Specialist and/or EOS experience and expertise in a specific functional area within the scope of the contract. Experience in analyzing user/program needs in determining functional requirements. May be knowledgeable in process analysis techniques in the areas of design, integration, and documentation of EOS/information systems, and implementation advice on exceptionally complex problems. May have specific expertise in EOS, business or functional areas such as financial management, accounting, procurement, and maintenance engineering analysis. Possesses requisite knowledge and expertise recognized in the professional community and is considered an authority in domain area of expertise.</p>	Bachelor's degree	12	PhD and 10 years related experience Master's and 11 years related experience
<p><b>EOS - Principal Scientist</b></p> <p>Required to have at least 10 years of experience as Principal Scientist and/or EOS experience and expertise in a specific functional area within the scope of the contract. Plans, organizes, and controls the overall activities of the contract. Responsible for recruiting, staffing, management, technical quality, scheduling, and cost performance of the overall program. Consults with the Contracting Officer Representative (COR) to minimize costs and maximize efficiency in achieving stated requirements. Ensures that all activities conform with the terms and conditions of the contract and task ordering procedures. Provides direction and technical integration across task orders and oversees the complete systems development effort from requirements analysis and feasibility studies to post implementation evaluation. Manages sophisticated systems engineering and analysis techniques to define and develop complex information systems on multiple platforms and development environments. Oversees feasibility studies to determine new or changed procedures or applications of information technology in particular system functional areas. Responsible for defining, reviewing, and approving functional requirements and overseeing system testing and implementation.</p>	Master's degree in computer science, Systems, or related field.	10 years overall experience with at least 4 years systems engineering experience	PhD and 9 years overall experience with at least 3 years systems engineering experience Bachelor's and 11 years overall experience with at least 5 years systems engineering experience

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<b>EOS – Sr. QA Specialist</b>	Bachelor's degree	8	PhD and 6 years related experience Master's and 7 years related experience
Experience establishing and maintaining policies /procedures for evaluating EOS/information management systems and associated documentation.			
<b>EOS – QA Specialist</b>	Bachelor's degree	4	PhD and 2 years related experience Master's and 3 years related experience
Experience in establishing and maintaining policies /procedures for evaluating EOS/information management systems and associated documentation.			
<b>EOS – Business Analyst</b>	Bachelor's degree	4	PhD and 2 years related experience Master's and 3 years related experience
Required to have at least 4 years of experience as a Business Analyst and/or business/financial experience within the scope of the contract. Experience in all financial management and administrative activities such as budgeting, staffing, and resource planning, and financial reporting. Duties include but are not limited to developing work breakdown structures, preparing charts, tables, graphs, and diagrams to assist in analyzing resources and market. May provide support in the areas of budget, billing, reporting, and financial management for IT initiatives.			

## TERMS AND CONDITIONS APPLICABLE TO HIGHLY ADAPTIVE CYBERSECURITY SERVICES (HACS) (SPECIAL ITEM NUMBERS 54151HACS)

Vendor suitability for offering services through the Highly Adaptive Cybersecurity Services (HACS) SINs must be in accordance with the following laws and standards when applicable to the specific task orders, including but not limited to:

- Federal Acquisition Regulation (FAR) Part 52.204-21
- OMB Memorandum M-17-12 - Preparing for and Responding to a Breach of Personally Identifiable Information (PII)
- OMB Memorandum M- 19-03 - Strengthening the Cybersecurity of Federal Agencies by enhancing the High Value Asset Program
- 2017 Report to the President on Federal IT Modernization
- The Cybersecurity National Action Plan (CNAP)
- NIST SP 800-14 - Generally Accepted Principles and Practices for Securing Information Technology Systems
- NIST SP 800-27A - Engineering Principles for Information Technology Security (A Baseline for Achieving Security)
- NIST SP 800-30 - Guide for Conducting Risk Assessments
- NIST SP 800-35 - Guide to Information Technology Security Services
- NIST SP 800-37 - Risk Management Framework to Federal Information Systems and Organizations: A Systems Life Cycle Approach for Security and Privacy
- NIST SP 800-39 - Managing Information Security Risk: Organization, Mission, and Information System View
- NIST SP 800-44 - Guidelines on Securing Public Web Servers
- NIST SP 800-48 - Guide to Securing Legacy IEEE 802.11 Wireless Networks
- NIST SP 800-53 – Security and Privacy Controls for Federal Information Systems and Organizations
- NIST SP 800-61 - Computer Security Incident Handling Guide
- NIST SP 800-64 - Security Considerations in the System Development Life Cycle
- NIST SP 800-82 - Guide to Industrial Control Systems (ICS) Security
- NIST SP 800-86 - Guide to Integrating Forensic Techniques into Incident Response
- NIST SP 800-115 - Technical Guide to Information Security Testing and Assessment
- NIST SP 800-128 - Guide for Security-Focused Configuration Management of Information Systems
- NIST SP 800-137 - Information Security Continuous Monitoring (ISCM) for Federal Information Systems and Organizations
- NIST SP 800-153 - Guidelines for Securing Wireless Local Area Networks (WLANs)
- NIST SP 800-160 - Systems Security Engineering: Considerations for a Multidisciplinary Approach in the Engineering of Trustworthy Secure Systems
- NIST SP 800-171 - Protecting Controlled Unclassified Information in non-federal Information Systems and Organizations

### 1. SCOPE

- a. The labor categories, prices, terms and conditions stated under Special Item Numbers 54151HACS High Adaptive Cybersecurity Services apply exclusively to High Adaptive Cybersecurity Services within the scope of this Information Technology Schedule.
- b. Services under these SINs are limited to Highly Adaptive Cybersecurity Services only. Software and hardware products are under different Special Item Numbers on MAS and may be quoted along with services to provide a total solution.
- c. These SINs provide ordering activities with access to Highly Adaptive Cybersecurity services only.

d. Highly Adaptive Cybersecurity Services provided under these SINs shall comply with all Cybersecurity certifications and industry standards as applicable pertaining to the type of services as specified by ordering agency.

e. 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. DESCRIPTION OF HIGHLY ADAPTIVE CYBERSECURITY SERVICES AND PRICING

a. The Contractor shall provide a description of each type of Highly Adaptive Cybersecurity Service offered under Special Item Numbers 54151HACS for Highly Adaptive Cybersecurity Services and it should be presented in the same manner as the Contractor sells to its commercial and other ordering activity customers. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.

b. Pricing for all Highly Adaptive Cybersecurity shall be in accordance with the Contractor's customary commercial practices; e.g., hourly rates, minimum general experience and minimum education.

The following is an example of the manner in which the description of a commercial job title should be presented.

### EXAMPLE

Commercial Job Title: Computer Network Defense Analysis

Description: Uses defensive measures and information collected from a variety of sources to identify, analyze, and report events that occur or might occur within the network in order to protect information, information systems, and networks from threats.

Professionals involved in this specialty perform the following tasks:

- Provide timely detection, identification, and alerting of possible attacks/intrusions, anomalous activities, and misuse activities and distinguish these incidents and events from benign activities
- Provide daily summary reports of network events and activity relevant to Computer Network Defense practices
- Monitor external data sources (e.g., Computer Network Defense vendor sites, Computer

Emergency Response Teams, SANS, Security Focus) to maintain currency of Computer Network Defense threat condition and determine which security issues may have an impact on the enterprise.

Knowledge, Skills and Abilities: Knowledge of applicable laws (e.g., Electronic Communications Privacy Act, Foreign Intelligence Surveillance Act, Protect America Act, search and seizure laws, civil liberties and privacy laws, etc.), statutes (e.g., in Titles 10, 18, 32, 50 in U.S. Code), Presidential Directives, executive branch guidelines, and/or administrative/criminal legal guidelines and procedures relevant to work performed

Minimum Experience: 5 Years

Minimum Education Requirements: a Bachelor of Science degree with a concentration in computer science, cybersecurity services, management information systems (MIS), engineering or information science is essential.

**Highly Desirable: Offensive Security Certified Professional (OSCP) or commercial Cybersecurity advanced certification(s).**

3. RAYTHEON LABOR TITLE DESCRIPTIONS – SIN 54151HACS

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<p><b>HACS – Program Manager</b></p> <p>Required to have at least 8 years of Program Management experience and/or Cyber management experience within the scope of the contract. Must be able to exercise independent judgement and solve technical, administrative, and managerial problems. Has ultimate responsibility for planning and coordinating staff, and managing costs, quality, and schedule. Manages teams of contract support personnel at multiple locations and maintains and manages the client interface at the senior levels of the client organization. Meets with customer and contractor personnel to formulate and review task plans and deliverable items. Ensures conformance with program task schedules and costs.</p>	Bachelor's degree	8	PhD and 6 years related experience Master's and 7 years related experience
<p><b>HACS – Project Manager</b></p> <p>Required to have at least 4 years of Project Manager experience and/or Cybersecurity experience within the scope of the contract. Must be able to exercise independent judgement and solve technical, administrative, and managerial problems. Has responsibility for planning and coordinating staff, and managing costs, quality, and schedule. Provides applications systems analysis and programming activities for a Government site, facility or multiple locations. Prepares long and short-range plans for Cybersecurity activities and for necessary support resources. Oversees all aspects of projects including day-to-day management of overall contract support operations.</p>	Bachelor's degree	4	PhD and 2 years related experience Master's and 3 years related experience
<p><b>HACS – Principal Staff Advisor</b></p> <p>Required to have at least 10 years as Principal Staff Advisor and/or Cybersecurity experience within the scope of the contract. Unique knowledge of one or more fields of specialization with extensive knowledge of customer requirements. A recognized expert in one or more disciplines such as cybersecurity, business, computer science, engineering, mathematics, or the various sciences. Provides Information technology knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems that need extensive knowledge for effective implementation. Able to guide teams, analyze complex problems, propose unique solutions, problem solve and make decisions which impact technical or financial results of cross functional business areas, communicate results, and negotiates actions. Serves often as a prime point of contact for customers in a management or lead position.</p>	Bachelor's degree	10	PhD and 8 years related experience Master's and 9 years related experience
<p><b>HACS– Subject Matter Expert (Principal)</b></p> <p>By virtue of technical knowledge, secures new business by providing innovative solutions to the most complex and technologically advanced problems. Recognized as a world-class expert within a particular discipline. Works on the forefront of new technologies. Maintains a high level of customer visibility and interaction. Often directs the efforts of a team of engineers to achieve stated objectives. Expertise is in a particular area of Information Technology in the Cybersecurity field.</p>	<p>PhD. Includes the following technical disciplines: (1) Hardware, Software and Systems Engineering, (2) Scientist, Physics &amp; Mathematician; (3) Scientific Programmer / Analyst.</p>	15 years of experience as a technical authority in one or more technical fields	Master's and 16 years' experience as a technical authority in one or more technical fields

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<b>HACS – Subject Matter Expert (Lead)</b>	Bachelor's degree	12	PhD and 10 years related experience Master's and 11 years related experience
<p>Provides expert support, analysis and research into exceptionally complex problems, and processes relating to the subject matter. Serves as technical expert on executive-level project teams providing technical direction, interpretation and alternatives. Thinks independently and demonstrates exceptional written and oral communications skills. Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Works on unusually complex technical problems and provides solutions which are highly innovative and ingenious. Works under consultative direction toward predetermined long-range goals and objectives. Assignments are often self-initiated. Determines and pursues courses of action necessary to obtain desired results. Develops advanced technological ideas and guides their development into a final product. Expertise is in a particular area the Cybersecurity field.</p>			
<b>HACS – Subject Matter Expert (Intermediate)</b>	Bachelor's degree	8	PhD and 6 years related experience Master's and 7 years related experience
<p>With minimal direction, provides expert support, analysis and research into exceptionally complex problems, and processes relating to the subject matter. Serves as technical expert on executive-level project teams providing technical direction, interpretation and alternatives. Thinks independently and demonstrates exceptional written and oral communications skills. Applies extensive technical expertise and has full knowledge of other related disciplines. Guides the successful completion of major programs and may function in a project leadership role. Develops technical solutions to complex problems that require the regular use of ingenuity and creativity. Work is performed without appreciable direction. Exercises considerable latitude in determining technical objectives of assignment. Expertise is in a particular area the Cybersecurity field.</p>			
<b>HACS – Subject Matter Expert (Associate)</b>	Bachelor's degree	6	PhD and 4 years related experience Master's and 5 years related experience
<p>Under broad direction, provides expert support, analysis and research into especially complex problems, and processes relating to the subject matter. Serves as technical expert on high-level project teams providing technical direction, interpretation and alternatives. Thinks independently and demonstrates superior written and oral communications skills. Possesses a complete understanding and wide experience in the application of technical principles, theories, and concepts in the field. Provides technical solutions to a wide range of difficult problems. Solutions are imaginative, thorough, practicable, and consistent with organizational objectives. Works under only general direction. Independently determines and develops approach to solutions. Contributes to the completion of specific programs and projects. Expertise is in a particular area the Cybersecurity field.</p>			
<b>HACS – Sr. Systems Architect</b>	Bachelor's degree	8	PhD and 6 years related experience
<p>Experience with advanced and special analytical skills focused on information systems. Must have an advanced understanding and specialized expertise in cybersecurity/computer technology such as real-time, databases, user interfaces, information processing, and exploitation.</p>			Master's and 7 years related experience

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<b>HACS – Sr. Systems Engineer</b>	Bachelor's degree	8	PhD and 6 years related experience Master's and 7 years related experience
Experience providing technical analysis engineering and direction of information system development and testing. Duties include but are not limited to defining requirements, technical guidance and direction, system testing, and appraising and presenting Cybersecurity solutions.			
<b>HACS – Systems Engineer</b>	Bachelor's degree	4	PhD and 2 years related experience Master's and 3 years related experience
Experience providing technical analysis engineering and direction of information system development and testing. Duties include but are not limited to defining requirements, technical guidance and direction, system testing, and appraising and presenting Cybersecurity solutions.			
<b>HACS- Cybersecurity Engineer (Associate)</b>	B.S./B.A. in Engineering, Science, or Mathematics	2	PhD and 0 years related experience Master's and 1 years related experience
Frequent use and application of technical standards, principles, theories, concepts and techniques spanning a variety of security domains whether it be physical, cyber, information or system. Provides solutions to a variety of technical problems of moderate scope and complexity. Works under general supervision. Follows established procedures. Contributes to the completion of milestones associated with specific projects.			
<b>HACS- Cybersecurity Engineer (Intermediate)</b>	B.S./B.A. in Engineering, Science, or Mathematics	6	PhD and 4 years related experience Master's and 5 years related experience
Applies extensive technical expertise and has full knowledge of other related disciplines across a variety of security domains whether it be physical, cyber, information or system. Develops technical solutions to complex problems that require the regular use of ingenuity and creativity. Work is performed without appreciable direction. Exercises considerable latitude in determining technical objectives of assignment. Interacts with senior external personnel on significant technical matters often requiring coordination between organizations.			
<b>HACS – Programmer/Analyst (Associate)</b>	Bachelor's degree	0	PhD and 0 years related experience Master's and 0 years related experience
Performs routine design, coding, and documentation of application programs for computers in related equipment used for Cybersecurity projects.			
<b>HACS – Configuration Mgmt. Specialist</b>	Bachelor's degree	4	PhD and 2 years related experience Master's and 3 years related experience
Required to have at least 4 years of experience as Configuration Management Specialist and/or Cybersecurity product and related software experience within the scope of the contract. Experience in establishing overall requirements, developing plans, implementing directives, and establishing and maintaining disciplined environment to ensure configuration control. Provides configuration management planning, and describes provisions for configuration identification, change control, configuration status accounting, and configuration audits. Regulates the change process so that only approved and validated changes are incorporated into product documents and related software.			

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<p><b>HACS – Data Manager</b></p> <p>Experience managing data management functions. Duties include but are not limited to activities involved in the receipt, development, storage, control, and distribution of all Cybersecurity project related data.</p>	<p>Bachelor's degree</p>	<p>4</p>	<p>PhD and 2 years related experience Master's and 3 years related experience</p>
<p><b>HACS – Principal Scientist</b></p> <p>Required to have at least 10 years of experience as Principal Scientist and/or Cybersecurity experience and expertise in a specific functional area within the scope of the contract. Plans, organizes, and controls the overall activities of the contract. Responsible for recruiting, staffing, management, technical quality, scheduling, and cost performance of the overall program. Consults with the Contracting Officer Representative (COR) to minimize costs and maximize efficiency in achieving stated requirements. Ensures that all activities conform with the terms and conditions of the contract and task ordering procedures. Provides direction and technical integration across task orders and oversees the complete systems development effort from requirements analysis and feasibility studies to post implementation evaluation. Manages sophisticated systems engineering and analysis techniques to define and develop complex information systems on multiple platforms and development environments.</p> <p>Oversees feasibility studies to determine new or changed procedures or applications of information technology in particular system functional areas. Responsible for defining, reviewing, and approving functional requirements and overseeing system testing and implementation.</p>	<p>Master's degree in computer science, Systems, or related field.</p>	<p>10 years overall experience with at least 4 years systems engineering experience</p>	<p>PhD and 9 years overall experience with at least 3 years systems engineering experience Bachelor's and 11 years overall experience with at least 5 years systems engineering experience</p>
<p><b>HACS – Pr. Functional Area Specialist</b></p> <p>Required to have at least 12 years of experience as Principal Functional Area Specialist and/or Cybersecurity experience and expertise in a specific functional area within the scope of the contract. Experience in analyzing user/program needs in determining functional requirements. May be knowledgeable in process analysis techniques in the areas of design, integration, documentation and cybersecurity of information systems, and implementation advice on exceptionally complex problems. May have specific expertise in cybersecurity, business or functional areas such as financial management, accounting, procurement, and maintenance engineering analysis. Possesses requisite knowledge and expertise recognized in the professional community and is considered an authority in domain area of expertise.</p>	<p>Bachelor's degree</p>	<p>12</p>	<p>PhD and 10 years related experience Master's and 11 years related experience</p>
<p><b>HACS – Business Analyst</b></p> <p>Required to have at least 4 years of experience as a Business Analyst and/ or business/financial experience within the scope of the contract. Experience in all financial management and administrative activities such as budgeting, staffing, and resource planning, and financial reporting. Duties include but are not limited to developing work breakdown structures, preparing charts, tables, graphs, and diagrams to assist in analyzing resources and market. May provide support in the areas of budget, billing, reporting, and financial management for Cybersecurity initiatives.</p>	<p>Bachelor's degree</p>	<p>4</p>	<p>PhD and 2 years related experience Master's and 3 years related experience</p>

**RAYTHEON PROFESSIONAL AND MANGEMENT DEVELOPMENT TRAINING LABOR CATEGORY DESCRIPTIONS**

**SIN 611512: FLIGHT TRAINING**

Includes aviation and flight training.

**SIN 611430: PROFESSIONAL AND MANAGEMENT DEVELOPMENT TRAINING**

All rates are inclusive of GSA 0.75% Industrial Funding Fee (IFF).

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<b>Program Analyst</b>	BS/BA	0	Associate's and 4 years related experience High School Diploma and 8 years related experience
Assists training development team in various areas including data gathering and analysis, drafting reports and providing overall support			
<b>Instructional Technologist</b>	BS/BA	2	Master's and 1 year related experience Associate's and 6 years related experience High School Diploma and 10 years related experience
Works with the team to conduct training analysis, helps develop and design training curricula, develops workflows, designs & develops multimedia web applications			
<b>Instructional Designer</b>	BS/BA	4	PhD and 2 years related experience Master's and 3 years related experience Associate's and 8 years related experience High School Diploma and 12 years related experience
Conducts training needs analysis, develops and designs training curricula, designs, develops multimedia web applications, provides quality oversight			
<b>Senior Instructional Designer</b>	BS/BA	6	PhD and 4 years related experience Master's and 5 years related experience Associate's and 10 years related experience High School Diploma and 14 years related experience
Manages specific tasks or projects related to the design, development and completion of training courses. Possess advance knowledge of the subject matter and/or technology to be utilized. Provides quality oversight.			

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<p><b>Subject Matter Expert</b></p> <p>Provide technical expertise to the project team and/or customer in a specific functional area.</p>	BS/BA	8	PhD and 6 years related experience Master's and 7 years related experience High School Diploma and 16 years related experience
<p><b>Program Manager</b></p> <p>Leads a team or multiple teams working on one or more projects. Exercises independent judgment and solves technical, administrative, managerial and customer affecting problems. Responsible for planning and coordinating staff, managing costs, quality, and schedule, key customer interface.</p>	BS/BA	10	PhD and 8 years related experience Master's and 9 years related experience Associate's and 14 years related experience High School Diploma and 18 years related experience
<p><b>Senior Program Manager</b></p> <p>Has the ultimate responsibility for planning and coordinating staff, and managing costs, quality, and schedule. Must be able to exercise independent judgment and solve technical, administrative, managerial and customer affecting problems.</p>	BS/BA	12	PhD and 10 years related experience Master's and 11 years related experience Associate's and 16 years related experience High School Diploma and 20 years related experience
<p><b>Multimedia Developer</b></p> <p>Provides programming and multimedia support from training development projects. Possesses expertise on various COTS hardware and software graphics related products</p>	High School Diploma	6	PhD and 2 years related experience Master's and 3 years related experience Bachelor's and 4 years related experience Associate's and 5 years related experience

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<p><b>Multimedia Graphics Arts Specialist</b></p> <p>Designs and produces graphics, artwork, briefings, brochures and other documentation in support of training development. Possesses expertise on various COTS hardware and software graphics related products.</p>	<p>High School Diploma</p>	<p>10</p>	<p>PhD and 6 years related experience                      Master's and 7 years related experience                      Bachelor's and 8 years related experience                      Associate's and 9 years related experience</p>

## LOGISTICAL SERVICES SIN DESCRIPTIONS

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### **SIN 541614SVC SUPPLY AND VALUE CHAIN MANAGEMENT**

Includes supply and value chain management, which involves all phases of the planning, acquisition, and management of logistics systems.

### **SIN 541614 DEPLOYMENT, DISTRIBUTION, AND TRANSPORTATION LOGISTICS SERVICES**

Distribution and Transportation Logistics Services - Planning and designing, implementing, or operating systems or facilities for the movement of supplies, equipment or people by road, air, water, rail, or pipeline. Typical tasks include moving and storage (excluding household goods), location modeling, transportation system development and management, carrier management and routing, freight forwarding, courier services, shuttle services and facilitating customs processing. Commercial passenger airline services covered by the Airline City Pair Program are excluded.

### **SIN 611430 PROFESSIONAL AND MANAGEMENT DEVELOPMENT TRAINING**

Services include offering an array of short duration courses and seminars for management and professional development. Training for career development may be provided directly to individuals or through employers' training programs, and courses may be customized or modified to meet the special needs of customers. Instruction may be provided in diverse settings, such as the establishments or agency's training facilities, and through diverse means, such as correspondence, television, the Internet, or other electronic and distance-learning methods. The training provided may include the use of simulators and simulation methods.

Examples include Training Services that are instructor led Training or Web Based Training of Education Courses, Course Development and Test Administration, Learning Management, and Internships; Environmental Training Services in order to meet Federal mandates and Executive Orders; training of agency personnel to deal with media and media responses; Logistics Training Services related to system operations, automated tools for supply and value chain management, property and inventory management, distribution and transportation management, and maintenance of equipment and facilities; Audit & Financial training services related to course development and instruction required to support audit, review, financial assessment and financial management activities.

Any firm offering Defense Acquisition Workforce Improvement Act (DAWIA) and Federal Acquisition Certification in Contracting (FAC-C) Training for Acquisition Workforce Personnel will include an identify only DAWIA and FAC-C courses that have been deemed DAU equivalent or approved by the Federal Acquisition Institute (FAI).

NOTE: In accordance with OMB Policy Letter 05-01, civilian agencies must follow the course equivalency determinations accepted by the Defense Acquisition University (DAU) to ensure that core training is comparable across the workforce and qualifies for certification. When procuring FAC-C and DAWIA training for the audience identified below, the task order level Contracting Officer shall confirm that the courses being acquired are listed on one of the following websites:

<https://www.fai.gov/drupal/certification/verified-contracting-course-vendor-listing> OR

<http://icatalog.dau.mil/appg.aspx> (click on commercial vendors). Training Audience – Acquisition professionals interested in completing FAC-C or DAWIA

LOGISTICAL SERVICES LABOR CATEGORY DESCRIPTIONS

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<b>Administrative Support/Clerical</b>	High school Diploma	2	Associate's and 1 year related experience
Support logistics business processes data entry, word processing, and general clerical support. Strong computer skills. Excellent verbal and written communication skills.			
<b>Configuration Analyst</b>	Bachelor's degree	4	PhD and 2 years related experience
Coordination and administration of assigned configuration management activities relative to identification, control, and accounting, for systems and/or equipment in accordance with contractual requirements. Establishes procedures and implements the introduction of changes to engineering documents assigned program. Reviews and analyzes released engineering change data and coordinates changes with engineering, quality, support, manufacturing, and engineering data control activities. Ensures that customer requirements are implemented, and reviews change accounting activity to ensure compliance with configuration management policies.			
<b>Contract Administration Manager</b>	Bachelor's degree	4	PhD and 2 years related experience
Develops solutions to a variety of problems of moderate scope and complexity. General knowledge of industry practices, techniques, and standards. Develops subcontract specifications, work statements, and terms and conditions for the procurement of specialized materials, equipment, and services. Prepares bid packages, conducts bidders' conferences, analyzes and evaluates proposals, negotiates subcontract provisions, recommends subcontractors, writes awards, and administers resulting subcontracts. Coordinates additions, deletions, or modifications to subcontracts. Participates with contracts administration and purchasing to develop subcontract policies and procedures.			
<b>General Accountant, II</b>	Bachelor's degree	2	Master's and 1 year related experience
Maintains or oversees the maintenance of accounts and records in such areas as disbursements, expenses, tax payments, and income. Compiles and analyzes financial information to prepare reports, make general ledger entries, review and verify accuracy of journal entries. Prepares income and balance sheet statements, profit and loss statements, consolidated statements, and other accounting statements and reports. May design, modify, install, and/or maintain general accounting systems to provide records of assets, liabilities and financial transactions.			
<b>Information Systems Technologist, II</b>	Bachelor's degree	2	Master's and 1 year related experience
Develops, implements, and maintains systems and related policies and procedures designed to obtain, record, and process company, segment, or division information. Recommends, implements, and plans for improvements, enhancements, and new applications to the system. Provides retrieval ability to produce information for analysis and decision making, statistical data, and reports as required. Maintains, develops, and revises all manuals, tables, code lists, and documentation. Maintains all internal files and tables. Maintains current awareness of trends in software developments and keeps abreast of trends and new methods in information systems training, materials, and techniques. May support several functional applications.			
Associate's and 6 years related experience High School Diploma and 10 years related experience			

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<p><b>Instructor/Analyst</b></p> <p>Develop student and instructor training material, and instruct students using training devices, simulators or simulations. Provide technical direction in the development and conduct of training programs.</p>	Bachelor's degree	5	<p>PhD and 3 years related experience</p> <p>Master's and 4 years related experience</p> <p>Associate's and 9 years related experience</p> <p>High School Diploma and 13 years related experience</p>
<p><b>Logistics Specialist</b></p> <p>Develops logistics concepts, techniques, and standards. Works directly with the customer in determining support requirements. Reviews field support requirements and recommends tools and test equipment. Thoroughly understands the application of logistics principles, concepts, and standards. Oversees maintenance and maintainability demonstrations for customers. Prepare/ reviews handbooks for technical adequacy. Assists in the development of maintenance engineering and logistics support.</p>	Bachelor's degree	3	<p>PhD and 1 year related experience</p> <p>Master's and 2 years related experience</p> <p>Associate's and 7 years related experience</p> <p>High School Diploma and 11 years related experience</p>
<p><b>Manager I</b></p> <p>Performs as a generalist a combination of administrative tasks in various functional areas located throughout the organization. May prepare budgeting, project scheduling, and statistical reports as required. Represents organizational unit on administrative matters. Recommends, interprets, and/or implements company and internal administrative policies and procedures.</p>	Bachelor's degree	6	<p>PhD and 4 years related experience</p> <p>Master's and 5 years related experience</p> <p>Associate's and 10 years related experience</p> <p>High School Diploma and 14 years related experience</p>
<p><b>Manager II</b></p> <p>Oversees and coordinates the operational aspects of ongoing projects and serves as liaison between project management and planning, project-team, and line management. Assesses project issues and develops resolutions to meet productivity, quality and client-satisfaction goals and objectives</p>	Bachelor's degree	8	<p>PhD and 6 years related experience</p> <p>Master's and 7 years related experience</p> <p>Associate's and 12 years related experience</p> <p>High School Diploma and 16 years related experience</p>
<p><b>Manager III</b></p> <p>Supervises/manages operation or and employees within a discipline. Responsible for budget, workflow, guidance, training, performance evaluation, and total compensation decisions. May create policies or programs to support the sound financial, operational and competitive position of the company</p>	Bachelor's degree	8	<p>PhD and 6 years related experience</p> <p>Master's and 7 years related experience</p> <p>Associate's and 12 years related experience</p> <p>High School Diploma and 16 years related experience</p>

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<b>Military Operations Specialist</b>	Bachelor's degree	8	Associate's and 10 years related experience High School Diploma and 11 years related experience
<b>Multimedia Specialist</b>	Bachelor's degree	1	Associate's and 5 years related experience High School Diploma and 9 years related experience
Work with instructional design/development team to create multimedia-based training applications, including creation of computer graphics			
<b>Planning/Control Specialist</b>	Bachelor's degree	5	PhD and 3 years related experience Master's and 4 years related experience Associate's and 9 years related experience High School Diploma and 13 years related experience
Understanding of the application of planning and control principles, concepts, and standards. Develops solutions to problems. Plans, prepares, issues, and controls production schedules and material requirements to ensure a controlled flow of approved materials timed to meet production requirements. Coordinate and monitor material movement between warehouse and production areas. Provide status of work in progress and potential problems. Resolve problems concerning over-shipments, shortages, engineering changes, and cancellation of orders.			
<b>Program Cost Scheduling/Control Analyst</b>	Bachelor's degree	2	Master's and 1 year related experience Associate's and 6 years related experience High School Diploma and 10 years related experience
Controls costs and schedules on contracts requiring validated cost schedule control systems. Performs analyses and prepares reports in order to ensure that contracts are within negotiated and agreed-upon parameters and government cost control guidelines. Participates in the preparation of budgets and schedules for contract work and performs and/or assists in financial analysis. Ensures adequate funding availability by maintain accurate records of expenditures, directing preparation of expenditure projections, and submitting timely requests for additional funding to the government. Incorporates contractual changes into control systems by staying aware of outstanding work against each contract in order to maintain realistic contractual cost and schedule baselines.			
<b>Purchasing Specialist</b>	Bachelor's degree	4	PhD and 2 years related experience Master's and 3 years related experience Associate's and 8 years related experience High School Diploma and 12 years related experience
Purchases machinery, equipment, tools, raw materials, packaging materials, parts, services, and supplies necessary for operation of an organization. Complies information on price trends and manufacturing processes. Confers with vendors and analyzes vendors' operations to determine factors that affect prices and determines lowest cost consistent with quality, reliability, and ability to meet required schedules. Reviews proposals, recommends suppliers, analyzes trends, follows up orders placed, verifies delivery, maintains necessary records.			

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<p><b>Sr. Manager, General</b></p> <p>Viewed as an expert within the company; develops new applications based on professional principles and theories. Oversees and coordinates the operational aspects of ongoing projects and serves as liaison between project management and planning, project-team, and line management. Assesses project issues and develops resolutions to meet productivity, quality and client-satisfaction goals and objectives. Develops mechanisms for monitoring project progress and for intervention and problems solving with project managers, line managers and clients.</p>	Bachelor's degree	10	PhD and 8 years related experience Master's and 9 years related experience Associate's and 14 years related experience High School Diploma and 18 years related experience
<p><b>Sr. PC/Client Server Analyst</b></p> <p>Manages the on-line and internet resources, local area networks, and standard software applications. Develop and manage program secure Website. Manages database information and develops customer and program queries. Makes recommendations for software and hardware to meet program unique requirements. Troubleshoots and manages a help desk.</p>	Bachelor's degree	6	PhD and 4 years related experience Master's and 5 years related experience Associate's and 10 years related experience High School Diploma and 14 years related experience
<p><b>Subcontract Administrator</b></p> <p>Develops solutions to a variety of complex problems. Possesses full knowledge of industry practices. Develops subcontract specifications, work statements, and terms and conditions for the procurement of specialized materials, equipment, and services. Prepares bid packages, conducts bidders' conferences, analyzes and evaluates proposals, negotiates subcontract provisions, selects or recommends subcontractors, writes awards, and administers resulting subcontracts. Negotiates and coordinates additions, deletions, or modifications to subcontracts. Participates with contracts administration and purchasing to develop subcontract policies and procedures.</p>	Bachelor's degree	4	PhD and 2 years related experience Master's and 3 years related experience Associate's and 8 years related experience High School Diploma and 12 years related experience
<p><b>Systems Support Assistant (SCA)</b></p> <p>Applies systems analysis and design skills in an area such as a record keeping or scientific operation.</p>	Bachelor's Degree	2	PhD and 0 years related experience Master's and 1 year related experience Associate's and 6 years related experience High School Diploma and 10 years related experience

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<b>Team Leader I</b>	Bachelor's Degree	2	PhD and 0 years related experience Master's and 1 year related experience Associate's and 6 years related experience High School Diploma and 10 years related experience
Supervises/manages operation of and employees within assigned support discipline. Responsible for budget, workflow, guidance, training, performance evaluation, and total compensation decisions. Implements policies or programs to support the sound financial, operational, and competitive position of the company.			
<b>Team Leader II</b>	Bachelor's Degree	4	PhD and 2 years related experience Master's and 3 year related experience Associate's and 8 years related experience High School Diploma and 12 years related experience
With general guidance from functional management, responsible for providing team leadership to a customer-focused team or group of teams committed to increased quality and productivity. In accordance with organizational goals, provides direction on activities and behaviors. Motivates team members and facilitates team meetings. Identifies and analyzes problems, plans, tasks, and solutions. Monitors team budget and ensures proper use of assets. Represents the team, presenting team suggestions and recommendations. Requires experience in group processes and dynamics. Reports to functional and/or organization management on team accomplishments, achievements and productivity.			
<b>Technical Editor/Writer</b>	Bachelor's Degree	3	PhD and 1 years related experience Master's and 2 years related experience Associate's and 7 years related experience High School Diploma and 11 years related experience
Thorough understanding of technical writing principles, concepts, and standards. Works directly with the customer in determining support requirements. Develop solutions to technical writing problems. Write, edit, print and distribute publications on assigned projects. Work with engineering drawings and equipment to develop theory of operation, description, installation and removal procedures, testing, troubleshooting, calibration, and illustrated parts breakdown information. Utilize maintenance plans and other logistics data to determine the level of material presentation. Conduct study of equipment or system. Quality control over documents intended for external distribution.			
<b>Training Manager</b>	Bachelor's Degree	5	PhD and 3 years related experience Master's and 4 years related experience Associate's and 9 years related experience High School Diploma and 13 years related experience
Serves as a senior level training representative responsible for all aspects of program management including work standards, schedules, personnel supervision, cost, technical and contract performance			

## ENGINEERING SIN DESCRIPTIONS

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### 541330ENG: ENGINEERING SERVICES

Services include: applying physical laws and principles of engineering in the design, development, and utilization of machines, materials, instruments, processes, and systems. Services may involve any of the following activities: provision of advice, concept development, requirements analysis, preparation of feasibility studies, preparation of preliminary and final plans and designs, provision of technical services during the construction or installation phase, inspection and evaluation of engineering projects, and related services.

NOTE: Services under this SIN cannot include architect-engineer services as defined in the Brooks Act and FAR Part 2, or construction services as defined in FAR Parts 2 and 36. Example: The evaluation and preliminary definition of new or improved performance goals for navigation satellites, such as: launch procedures and costs, multiuser capability, useful service life, accuracy and resistance to natural and man-made electronic interference.

### SIN 541715: ENGINEERING RESEARCH AND DEVELOPMENT AND STRATEGIC PLANNING

Service includes conducting research and experimental development (except nanotechnology and biotechnology research and experimental development) in the physical, engineering and life sciences such as; such as agriculture, electronics, environmental, biology, botany, computers, chemistry, food, fisheries, forests, geology, health, mathematics, medicine, oceanography, pharmacy, physics, veterinary and other allied subjects.

Typical tasks include, but are not limited to, analysis of mission, program goals and objectives, program evaluations, analysis of program effectiveness, requirements analysis, organizational performance assessment, special studies and analysis, training, and consulting; requirements analysis, cost/cost performance trade-off analysis, feasibility analysis, developing and completing fire safety evaluation worksheets as they relate to professional engineering services; operation and maintenance, evaluation of inspection, testing, and maintenance program for fire protection and life safety systems, program/project management, technology transfer/insertion, training and consulting.

NOTE: Services under this NAICs cannot include architect-engineer services as defined in the Brooks Act and FAR Part 2 or construction services as defined in the Federal Acquisition Regulation Part 36 and Part 2.

### SIN 541380: TESTING LABORATORIES

Includes testing laboratory services and veterinary, natural, and life sciences; testing services and laboratories; and other professional, scientific, and technical consulting services.

Testing and services include, but are not limited to: physical, chemical, analytical, or other testing services; quality assurance; fire safety inspections; training; safety audits; relying upon experimental, empirical, quantifiable data, relying on the scientific method, and professional services, tasks, and labor categories in the fields of biology, chemistry, physics, earth sciences, atmospheric science, oceanography, materials sciences, mathematics, geology, astronomy, veterinary medicine, statistics, systems science, etc., (excludes social and behavioral sciences).

Examples of labor categories include, but are not limited to, Scientific Researchers, Biologists, Physicists, Mathematicians, Statisticians, Research Engineers, Meteorologists, Lab Technicians, Veterinarians and Veterinary Services, Chemists, Biochemical Engineers, Research Nurses.

**541420: ENGINEERING SYSTEM DESIGN AND INTEGRATION SERVICES**

Services include creating and developing designs and specifications that optimize the use, value, and appearance of their products. These services can include determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human characteristics and needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.

Associated tasks include, but are not limited to computer-aided design, e.g., CADD, risk reduction strategies and recommendations to mitigate identified risk conditions, fire modeling, performance-based design reviews, high level detailed specification and scope preparation, configuration, management and document control, fabrication, assembly and simulation, modeling, training, consulting, analysis of single or multi spacecraft missions and mission design analysis.

NOTE: Services under this NAICs cannot include architect-engineer services as defined in the Brooks Act and FAR Part 2 or construction services as defined in the Federal Acquisition Regulation Part 36 and Part 2.

An implementation guide for Space launch Integration Services (SLIS) can be found at [www.gsa.gov/psschedule](http://www.gsa.gov/psschedule) - click on "Professional Engineering Solutions". Example: The navigation satellite concept produced in the preceding stage will be converted to a detailed engineering design package. Performance will be computer simulated and a working model will be built for testing and design verification.

**ENGINEERING SIN LABOR CATEGORY DESCRIPTIONS**

Rates for categories with and without security clearance requirements are provided on pages 81-83.

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<p><b>Subject Matter Engineering Expert</b></p> <p>Experience with progressively more complex engineering programs, including five years of specialized experience in a chosen field of expertise. Extensive knowledge of engineering techniques and the application of modern technology to the planning, evaluating, directing and coordinating of broad-based engineering projects.</p> <p>Functional Responsibility: Maintain close working relationship with engineering and other project personnel to facilitate the fulfillment of program objectives. Provide analysis of complex engineering related problems. Prepare technical reports identifying results of technical studies and make recommendations on appropriate actions to be taken. Assist program management and provide task-oriented supervision to staff. Other duties as assigned.</p> <p>Security clearance may be required.</p>	<p>Bachelor's degree</p>	<p>14</p>	<p>PhD and 12 years related experience Master's and 13 years related experience</p>
<p><b>Engineering Design Supervisor</b></p> <p>At least three years supervisory experience overseeing the design responsibilities of large, complex engineering projects.</p> <p>Functional Responsibility: Provide liaison between engineering and design groups. Oversee design support to assure project success. Assign work and review completed materials. Prepare technical reports. Provide guidance to engineering and project personnel. Other duties as assigned.</p> <p>Security clearance may be required.</p>	<p>Bachelor's degree</p>	<p>10</p>	<p>PhD and 8 years related experience Master's and 9 years related experience</p>
<p><b>Principal Engineer</b></p> <p>Proven ability to manage and apply engineering technology to large, complex engineering projects.</p> <p>Functional Responsibility: Act as senior technical member of engineering staff. Apply and supervise others in engineering theory, technology, and technique to solve complex engineering problems. Interact with personnel from other disciplines. Review progress, analyze problems and initiate corrective action. Responsible for engineering quality assurance. Other duties as assigned.</p> <p>Security clearance may be required.</p>	<p>Bachelor's degree</p>	<p>12</p>	<p>PhD and 10 years related experience Master's and 11 years related experience</p>
<p><b>Sr. Engineer – Level III</b></p> <p>Proven ability to successfully apply engineering technology to large, complex engineering projects.</p> <p>Functional Responsibility: Perform a variety of engineering tasks. Responsible for scheduling, budgets and engineering quality assurance. Provide reviews and reports on the progress of engineering tasks. Interact with personnel from other disciplines. Review staff engineers work, provide guidance and training where appropriate. Work with engineering and project personnel to assure compliance with project standards and the timely delivery of services. Oversee and direct engineering staff. Other duties as assigned.</p> <p>Security clearance may be required.</p>	<p>Bachelor's degree</p>	<p>10</p>	<p>PhD and 8 years related experience Master's and 9 years related experience</p>

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<p><b>Sr. Engineer – Level II</b></p> <p>Proven ability to successfully apply engineering technology to large, complex engineering projects.</p> <p>Functional Responsibility: Perform and supervise technical assignments within the approved engineering schedules and budgets. Coordinate technical and administrative activities with those of other disciplines and other departments. Oversee scheduling, budgets and engineering quality assurance. Review staff engineers' work, provide guidance and training. Work with senior engineering and project personnel to assure compliance with project standards and timely delivery of services. Other duties as assigned.</p> <p>Security clearance may be required.</p>	Bachelor's degree	8	<p>PhD and 6 years related experience</p> <p>Master's and 7 years related experience</p>
<p><b>Sr. Engineer – Level I</b></p> <p>Experience with progressively more complex engineering projects. Extensive knowledge and experience with techniques and technologies.</p> <p>Functional Responsibility: Perform and supervise technical assignments within the approved engineering schedules and budgets. Coordinate technical and administrative activities with those of other disciplines and other departments. Oversee scheduling, budgets and engineering quality assurance. Review staff engineers' work, provide guidance and training. Work with senior engineering and project personnel to assure compliance with project standards and the timely delivery of services. Other duties as assigned.</p> <p>Security clearance may be required.</p>	Bachelor's degree	6	<p>PhD and 4 years related experience</p> <p>Master's and 5 years related experience</p>
<p><b>Engineer – Level IV</b></p> <p>Proven ability to successfully apply technology to large, complex engineering projects.</p> <p>Functional Responsibility: Oversee and direct junior engineering staff. Responsible for project scheduling and budgeting. Provide reviews and reports on the progress of engineering tasks. Interact with personnel from other disciplines. Review work of subordinate personnel, providing guidance and training as required. Work with senior engineering and project personnel to assure compliance with project standards and timely delivery of services.</p> <p>Security clearance may be required.</p>	Bachelor's degree	8	<p>PhD and 6 years related experience</p> <p>Master's and 7 years related experience</p>
<p><b>Engineer – Level III</b></p> <p>Proven ability to successfully apply engineering technology to engineering projects.</p> <p>Functional Responsibility: Perform technical assignments within the approved schedules and budgets. Coordinate technical and administrative activities with those of other disciplines and other departments. Provide assistance and guidance to lower-classified engineers and design personnel. Report progress and problems to senior engineering personnel. Other duties as assigned.</p> <p>Security clearance may be required.</p>	Bachelor's degree	6	<p>PhD and 4 years related experience</p> <p>Master's and 5 years related experience</p>

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<b>Engineer – Level II</b>	Bachelor's degree	4	PhD and 2 years related experience Master's and 3 years related experience
Ability to accomplish technical assignments of varying complexities. Knowledge of engineering techniques and technologies. Functional Responsibility: Work with minimal supervision, perform technical assignments as required. Provide assistance and guidance to associate and support staff as required. Report progress and problems to senior engineering personnel. Other duties as assigned. Security clearance may be required.			
<b>Engineer – Level I</b>	Bachelor's degree	2	Master's and 1 year related experience
Experience: Beginning position for bachelor's degree-level individual. No practical experience required. Functional Responsibility: Under the supervision of engineering personnel, perform technical assignments through to completion. Work with other technical and administrative personnel to assure coordination between groups. Report progress and problems to senior engineering personnel. Other duties as assigned. Education: Bachelor's degree or equivalent from an accredited college or university. Security clearance may be required.			
<b>Associate Engineer – Level III</b>	Associate degree	4	PhD and 1 years related experience Master's and 2 years related experience Bachelor's and 3 years related experience
Required engineering related experience. Functional Responsibility: Under direct supervision, complete engineering assignments of limited complexity. Assist in the preparation of specifications, reports, data tables and project studies. Other duties as assigned. Security clearance may be required			
<b>Associate Engineer – Level II</b>	Associate degree	3	Master's and 1 years related experience Bachelor's and 2 years related experience
Experience in an engineering support capacity. Functional Responsibility: Under direct supervision, complete engineering assignments of limited complexity. Assist in the preparation of specifications, reports, data tables and project studies. Other duties as assigned. Security clearance may be required.			
<b>Associate Engineer – Level I</b>	Associate degree	2	Bachelor's and 1 year related experience
Progressive experience in an engineering environment or related industry. Functional Responsibility: Individuals in this position support senior personnel and overall engineering effort across a variety of specialties and support functions. Other duties as assigned. Security clearance may be required.			
<b>Engineering Technician</b>	High school diploma, G.E.D., Formal training directly related to the work performed	4	Master's and 1 year related experience Bachelor's and 2 years related experience Associate's and 3 years related experience
Progressive experience in an engineering environment or related industry. Functional Responsibility: Individuals in this position support senior personnel and overall engineering effort across a variety of specialties and support functions. Other duties as assigned. Security clearance may be required.			

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<b>Sr. Engineering Support – Level VI</b>	Bachelor's degree	12	PhD and 10years related experience Master's and 11 years related experience Associate' s and 16 years related experience
<p>Experience in progressively more complex engineering programs with at least three years' experience managing engineering projects. Extensive knowledge and experience in planning, evaluating, directing, and coordinating broad-based engineering projects.</p> <p>Functional Responsibility: Provide leadership, management, and accountability for programs, projects or task orders. Establish monitoring and reporting standards and procedures. Monitor and report contract compliance, productivity, cost and schedule adherence. Oversee personnel, as well as compliance with training requirements, quality standards and regulatory issues. Primary point-of- contract with the customer. Other duties as assigned.</p> <p>Security clearance may be required.</p>			
<b>Sr. Engineering Support – Level V</b>	Bachelor's degree	8	PhD and 6 years related experience
<p>Proven ability to work with client personnel and upper-level management.</p> <p>Functional Responsibility: Provide administrative or technical support to meet engineering objectives. Establish monitoring and reporting standards and procedures. Monitor and report contract compliance, productivity, cost and schedule adherence. Supervise staff. May include, but is not limited to, quality control managers, statisticians and business managers. Other duties as assigned.</p> <p>Security clearance may be required.</p>			Master's and 7 years related experience Associate's and 12 years related experience
<b>Sr. Engineering Support – Level IV</b>	Bachelor's degree	5	PhD and 3 years related experience
<p>Experience supporting engineering program activities.</p> <p>Functional Responsibility: Provide administrative or technical support to meet engineering objectives. Perform support planning, coordination, finance and accounting, or technical tasks within a functional area such as: engineering modeling, fabrication, testing, logistics engineering and quality control.</p> <p>Depending on specialty, could work closely with one or more supervisors/managers to ensure success of the overall project. Oversee staff. Provide training as required. Other duties as assigned.</p> <p>Security clearance may be required.</p>			Master's and 4 years related experience Associate's and 9 years related experience

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<p><b>Sr. Engineering Support – Level III</b></p> <p>Experience supporting engineering program activities.                      Functional Responsibility: Provide administrative or technical support to meet engineering objectives. Perform support planning, coordination, finance and accounting, or technical tasks within a functional area such as: engineering modeling, fabrication, testing, logistics engineering and quality control.                      Depending on specialty, could work closely with one or more supervisors/managers to ensure the overall success of the project. Provide training as required. Other duties as assigned.                      Security clearance may be required</p>	Bachelor's degree	2	PhD and 0 years related experience Master's and 1 years related experience Associate's and 6 years related experience
<p><b>Sr. Engineering Support – Level II</b></p> <p>Experience supporting major engineering program activities.                      Functional Responsibility: Provide support to senior administrative and project personnel. Work closely with supervisors/managers to provide needed support. Perform support planning, coordination, finance and accounting, or technical tasks within a functional area. Other duties as assigned.                      Security clearance may be required.</p>	Associate degree	8	PhD and 5 years related experience Master's and 6 years related experience Bachelor's and 7 years related experience
<p><b>Sr. Engineering Support – Level I</b></p> <p>Experience with progressively more responsibility supporting engineering personnel and programs.                      Functional Responsibility: Work closely with other administrative personnel. Provide direction to junior personnel, as required. Responsible for coordination of assigned functions, and those of support and project personnel. Other duties as assigned.                      Security clearance may be required.</p>	Associate degree	6	PhD and 3 years related experience Master's and 4 years related experience Bachelor's and 5 years related experience
<p><b>Engineering Support – Level VI</b></p> <p>Experience supporting engineering personnel and complex engineering projects.                      Functional Responsibility: Under minimal direction, work closely with other administrative and project personnel in accomplishing assigned functions and tasks. Other duties as assigned.                      Security Clearance may be required.</p>	Associate degree	5	PhD and 2 years related experience Master's and 3 years related experience Bachelor's and 4 years related experience
<p><b>Engineering Support – Level V</b></p> <p>Experience working in an engineering support capacity.                      Functional Responsibility: Assist and support other administrative and project personnel in accomplishing assigned functions and tasks. Other duties as assigned.                      Security clearance may be required.</p>	Associate degree	4	PhD and 1 year related experience Master's and 2 years related experience Bachelor's and 3 years related experience

Description	Minimum Education Level	Minimum Years of Experience	Education / Experience Substitutions
<p><b>Engineering Support – Level IV</b></p> <p>Experience supporting engineering personnel and projects.                      Functional Responsibility: Work closely with other engineering and administrative personnel in accomplishing assigned functions and tasks. Advise supervisor of administrative problems associated with assignments. Other duties as assigned.                      Security clearance may be required.</p>	High school diploma or G.E.D.	8	PhD and 4 years related experience Master's and 5 years related experience Bachelor's and 6 years related experience Associate's and 7 years related experience
<p><b>Engineering Support – Level III</b></p> <p>Functional Responsibility: Under supervision of senior support personnel, work closely with engineering and administrative personnel in accomplishing assigned functions and tasks. Advise supervisor of administrative problems associated with assignments. Other duties as assigned.                      Security clearance may be required.</p>	High school diploma or G.E.D.	6	PhD and 4 years related experience Master's and 5 years related experience Bachelor's and 6 years related experience Associate's and 7 years related experience
<p><b>Engineering Support – Level II</b></p> <p>Functional Responsibility: Assist and support engineering and management staff and overall engineering effort throughout the organization and managing of project data. closely with other engineering and administrative personnel in accomplishing assigned functions and tasks. Advise supervisor of administrative problems associated with assignments. Other duties as assigned.                      Security clearance may be required.</p>	High school diploma or G.E.D.	4	PhD and 0 years related experience Master's and 1 years related experience Bachelor's and 2 years related experience Associate's and 3 years related experience
<p><b>Engineering Support – Level I</b></p> <p>Experience working in an engineering support capacity.                      Functional Responsibility: Assist and support engineering staff and senior administrative support. Other duties as assigned.                      Security clearance may be required.</p>	High school diploma or G.E.D.	2	Associate's and 1 year related experience
<p><b>Field Service Engineering – Reps</b></p> <p>All domestic and foreign personnel who are assigned to remote locations and qualify as field service representatives according to standard procedures. This effort also includes associated management and administrative support.</p>	Bachelor's degree or equivalent	4	PhD and 2 years related experience Master's and 3 years related experience Associate's and 8 years related experience High School Diploma and 12 years related experience

## USA COMMITMENT TO PROMOTE SMALL BUSINESS PARTICIPATION PROCUREMENT PROGRAMS

### PREAMBLE

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

### COMMITMENT

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To actively seek and partner with small businesses.

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

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

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

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

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

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

We signify our commitment to work in partnership with small, small disadvantaged and women-owned small businesses to promote and increase their participation in ordering activity contracts. To accelerate potential opportunities, please contact [Lutreva Gilchrist](mailto:Lutreva.Gilchrist@rtx.com), 804-943-9816, [Lutreva.gilchrist@rtx.com](mailto:Lutreva.gilchrist@rtx.com).

**BEST VALUE BLANKET PURCHASE AGREEMENT FEDERAL ACQUISITION SCHEDULE**

(Insert Customer Name)

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

Federal Acquisition Schedule contract BPAs eliminate contracting and open market costs such as: search for sources; the development of technical documents, solicitations and the evaluation of offers. Under GSA Schedules, Teaming allows contractors to use their individual GSA Schedules to develop a solution for the government.

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

Signatures

Ordering Activity                      Date                      Contractor Date

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

**(CUSTOMER NAME) BLANKET PURCHASE AGREEMENT**

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

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

MODEL NUMBER/PART NUMBER	*SPECIAL BPA DISCOUNT/PRICE

b. Delivery:

DESTINATION	DELIVERY SCHEDULES / DATES

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

d. This BPA does not obligate any funds.

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

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

OFFICE	POINT OF CONTACT

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

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

- i. Name of Contractor;
  - i. Contract Number;
  - ii. BPA Number;
  - iii. Model Number or National Stock Number (NSN);
  - iv. Purchase Order Number;
  - v. Date of Purchase;
  - vi. Quantity, Unit Price, and Extension of Each Item (unit prices and extensions need not be shown when incompatible with the use of automated systems; provided, that the invoice is itemized to show the information); and viii. Date of Shipment.
  - vii. The requirements of a proper invoice are specified in the Federal Acquisition Schedule contract. Invoices will be submitted to the address specified within the purchase order transmission issued against this BPA.
  - viii. The terms and conditions included in this BPA apply to all purchases made pursuant to it. In the event of an inconsistency between the provisions of this BPA and the Contractor's invoice, the provisions of this BPA will take precedence.

## BASIC GUIDELINES FOR USING “CONTRACTOR TEAM ARRANGEMENTS”

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A GSA Schedule Contractor Team Arrangement (CTA) is an arrangement in which two or more GSA Schedule contractors' team together to provide a total solution to meet a customer's needs. Under Schedule CTAs, contractors complement each other, and it allows teams to compete for orders for which they may not qualify independently. GSA encourages the use of CTAs to meet buyer's requirements. Under GSA Schedules, Teaming allows contractors to use their individual GSA Schedules to develop a solution for the government.

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

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

Here is a general outline on how it works:

The customer identifies their requirements.

Federal Acquisition Service Schedule Contractors may individually meet the customer's needs, or -

Federal Acquisition Service Schedule Contractors may individually submit a Schedules “Team Solution” to meet the customer's requirement.

Customers make a best value selection.

TAK SERVERS

SIN NO.	TAK Servers Part Number	PRODUCT DESCRIPTION	GSA PRICE
54151ECOM	BASIC-TAK-Setup	<p>Basic TAK - One-Time Setup for an android smartphone geospatial infrastructure hosting service to allow real time precision targeting, land formation intelligence, situational awareness navigation, messaging, and data sharing among teams in a secure environment.</p> <ul style="list-style-type: none"> <li>• Procurement and configuration of a c5xlarge AWS instance</li> <li>• OS installation and configuration</li> <li>• OS-level security hardening.</li> <li>• Application of DISA Security Technical Implementation Guide (STIG) Category I, II, and III controls</li> <li>• Application of TAK-specific firewall policies</li> </ul>	\$ 997.48
54151ECOM	BASIC-TAK-Monthly	<p>Basic TAK - Monthly Recurring Value Added Services:</p> <ul style="list-style-type: none"> <li>• TAK Server installation and basic secure configuration.</li> <li>• Enabling Transport Layer Security (TLS) with x509 digital certificates.</li> <li>• Disabling all non-TLS services</li> <li>• Periodic OS patching and security updates</li> <li>• Troubleshooting of server or network outages</li> </ul> <p>Services Not included in Basic TAK Services:</p> <ul style="list-style-type: none"> <li>• TAK Server Management beyond initial setup</li> <li>• Federation configuration</li> <li>• Non-TAK managed user authentication mechanism (e.g., configuration with Active Directory)</li> <li>• User certificate generation</li> <li>• Clustering support</li> <li>• Non-default configuration of TAK repeater beacons, which are mechanisms to periodically rebroadcast received messages, such as a 911 “emergency beacon”</li> <li>• Note: The Basic Tier is a self-managed TAK installation. After initial installation and setup, all TAK maintenance and administration is performed by the customer, including username and password based authentication. Raytheon BBN will only provide technical support to ensure the virtual machine hosting TAK Server is up and running, and continually patched.</li> </ul>	\$ 698.24
54151ECOM	STANDARD-TAK-Setup	<p>Standard TAK - One-Time Setup for an android smartphone geospatial infrastructure hosting service to allow real time precision targeting, land formation intelligence, situational awareness</p>	\$ 997.48

SIN NO.	TAK Servers Part Number	PRODUCT DESCRIPTION	GSA PRICE
54151ECOM	STANDARD-TAK-Monthly	<p>Standard TAK - Monthly Recurring Value Added Services:</p> <ul style="list-style-type: none"> <li>TAK Server installation and basic secure configuration.</li> <li>Enabling Transport Layer Security (TLS) with x509 digital certificates.</li> <li>Disabling all non-TLS services</li> <li>Certificate generation and management up to 500 certificates</li> <li>Configuration of data retention policy, with default of nightly deletion older than 7 days</li> <li>Periodic OS patching and security updates</li> <li>Troubleshooting of server or network outages</li> <li>Telephone and email support 8am-8pm Eastern, Monday through Friday.</li> </ul>	\$ 1,745.59
54151ECOM	PREMIUM-TAK-Setup	<p>Premium TAK - One-Time Setup for an android smartphone geospatial infrastructure hosting service to allow real time precision targeting, land formation intelligence, situational awareness navigation, messaging, and data sharing among teams in a secure environment.</p> <ul style="list-style-type: none"> <li>Procurement and configuration of a c5xlarge AWS instance</li> <li>OS installation and configuration</li> <li>OS-level security hardening.</li> <li>Application of DISA Security Technical Implementation Guide (STIG) Category I, II, and III controls</li> <li>Application of TAK-specific firewall policies</li> <li>Configuration of a second separate virtual machine to house the TAK database for increased scalability</li> </ul>	\$ 1,994.96
54151ECOM	PREMIUM-TAK-Monthly	<p>Premium TAK - Monthly recurring value added services:</p> <ul style="list-style-type: none"> <li>TAK Server installation and basic secure configuration.</li> <li>Enabling Transport Layer Security (TLS) with x509 digital certificates</li> <li>Disabling all non-TLS services</li> <li>Certificate generation and management up to 1000 certificates</li> <li>Configuration of data retention policy.</li> <li>Configuration of repeater beacons.</li> <li>Configuration of data backups (6 month rolling window).</li> <li>Configuration and maintenance of groups.</li> <li>Periodic OS patching and security updates.</li> <li>Troubleshooting of server or network outages.</li> <li>Telephone Support. Telephone and email support 8am-8pm Eastern, Monday through Friday.</li> <li>Annual TAK Server Software version updates (if the total duration of the Service ordered by the User exceeds 6 months, then the User will be entitled to an Upgrade, at the User's request).</li> <li>Support to setup one new/modified federation per month.</li> </ul>	\$ 3,890.18

VTC MAINTENANCE

SIN NO.	VTC Maintenance Part Number	PRODUCT DESCRIPTION	GSA PRICE
54151	RTING PRO-5Ma	Yearly maintenance for RTI NG Pro Support Plan for 5 federates per federation - single developer, Qty 1	\$967.25
54151	RTI NG PRO-5Mb	Yearly maintenance for RTI NG Pro Support Plan for 5 federates per federation - single developer, QTY 2 - 9	\$866.50
54151	RTING PRO-5Mc	Yearly maintenance for RTI NG Pro Support Plan for 5 federates per federation - single developer, QTY 10+	\$664.99
54151	RTING PRO-10Ma	Yearly maintenance for RTI NG Pro Support Plan for 10 federates per federation - single developer, Qty 1	\$1934.51
54151	RTING PRO-10Mb	Yearly maintenance for RTI NG Pro Support Plan for 10 federates per federation - single developer, QTY 2 - 9	\$1,733.00
54151	RTING PRO-10Mc	Yearly maintenance for RTI NG Pro Support Plan for 10 federates per federation - single developer, QTY 10+	\$1,329.97
54151	RTING PRO-25Ma	Yearly maintenance for RTI NG Pro Support Plan for 25 federates per federation - single developer, Qty 1	\$3,869.02
54151	RTING PRO-25Mb	Yearly maintenance for RTI NG Pro Support Plan for 25 federates per federation - single developer, QTY 2 - 9	\$3,465.99
54151	RTING PRO-25Mc	Yearly maintenance for RTI NG Pro Support Plan for 25 federates per federation - single developer, QTY 10+	\$2,659.95
54151	RTING PRO-50Ma	Yearly maintenance for RTI NG Pro Support Plan for 50 federates per federation - single developer, Qty 1	\$6,770.78
54151	RTING PRO-50Mb	Yearly maintenance for RTI NG Pro Support Plan for 50 federates per federation - single developer, QTY 2 - 9	\$6,065.49
54151	RTING PRO-50Mc	Yearly maintenance for RTI NG Pro Support Plan for 50 federates per federation - single developer, QTY 10+	\$4,654.91

SIN NO.	VTC Maintenance Part Number	PRODUCT DESCRIPTION	GSA PRICE
54151	RTINGPRO-50+Ma	Yearly maintenance for RTI NG Pro Support Plan for 50+ federates per federation - single developer, Qty 1	\$9,672.54
54151	RTING PRO 50+Mb	Yearly maintenance for RTI NG Pro ® Support Plan for 50+ federates per federation - single developer, QTY 2– 9	\$8,664.99
54151	RTING PRO 50+Mc	Yearly maintenance for RTI NG Pro ® Support Plan for 50+ federates per federation - single developer, QTY 10+	\$6,649.87
54151	VC-10Ma	Yearly Maintenance for Virtual Control™ (10 monitored computers) Qty 1	\$967.25
54151	VC-10Mb	Yearly Maintenance for Virtual Control™ (10 monitored computers) Qty 2-9	\$866.50
54151	VC-10Mc	Yearly Maintenance for Virtual Control™ (10 monitored computers) Qty 10+	\$664.99
54151	VC-25Ma	Yearly Maintenance for Virtual Control™ (25 monitored computers) Qty 1	\$1,741.06
54151	VC-25Mb	Yearly Maintenance for Virtual Control™ (25 monitored computers) Qty 2-9	\$1,559.70
54151	VC-25Mc	Yearly Maintenance for Virtual Control™ (25 monitored computers) Qty 10+	\$1,196.98
54151	VC-50Ma	Yearly Maintenance for Virtual Control™ (50 monitored computers) Qty 1	\$2,127.96
54151	VC-50Mb	Yearly Maintenance for Virtual Control™ (50 monitored computers) Qty 2-9	\$1,906.30

SIN NO.	VTC Maintenance Part Number	PRODUCT DESCRIPTION	GSA PRICE
54151	VC-50Mc	Yearly Maintenance for Virtual Control™ (50 monitored computers) Qty 10+	\$1,462.97
54151	VC-50+Ma	Yearly Maintenance for Virtual Control™ (50+ monitored computers) Qty 1	\$2,514.86
54151	VC-50+Mb	Yearly Maintenance for Virtual Control™ (50+ monitored computers) Qty 2-9	\$2,252.90

54151	VC-50+Mc	Yearly Maintenance for Virtual Control™ (50+ monitored computers) Qty 10+	\$1,728.97
54151	DBPro-10Ma	Yearly Maintenance for Dashboard Pro™ (10 monitored computers) Qty 1	\$967.25
54151	DBPro-10Mb	Yearly Maintenance for Dashboard Pro™ (10 monitored computers) Qty 2-9	\$866.50
54151	DBPro-10Mc	Yearly Maintenance for Dashboard Pro™ (10 monitored computers) Qty 10+	\$664.99
54151	DBPro-25Ma	Yearly Maintenance for Dashboard Pro™ (25 monitored computers) Qty 1	\$1,741.06
54151	DBPro-25Mb	Yearly Maintenance for Dashboard Pro™ (25 monitored computers) Qty 2-9	1,559.70
54151	DBPro-25Mc	Yearly Maintenance for Dashboard Pro™ (25 monitored computers) Qty 10+	\$1,196.98
54151	DBPro-50Ma	Yearly Maintenance for Dashboard Pro™ (50 monitored computers) Qty 1	\$2,127.96
54151	DBPro-50Mb	Yearly Maintenance for Dashboard Pro™ (50 monitored computers) Qty 2-9	\$1,906.30
54151	DBPro-50Mc	Yearly Maintenance for Dashboard Pro™ (50 monitored computers) Qty 10+	\$1,462.97
54151	DBPRO-50+Ma	Yearly Maintenance for Dashboard Pro™ (50+ monitored computers) Qty 1	\$2,514.86
54151	DBPRO-50+Mb	Yearly Maintenance for Dashboard Pro™ (50+ monitored computers) Qty 2-9	\$2,252.90
54151	DBPRO-50+Mc	Yearly Maintenance for Dashboard Pro™ (50+ monitored computers) Qty 10+	\$1,728.97

**TURNKEY M3S PRODUCTS**

Turnkey Multimedia Monitoring Systems (M3S) base model includes at least one Application Server and one broadcast monitoring/media indexing subsystem, one web monitoring subsystem, or one social media subsystem.

Turnkey system prices include all standard M3S hardware, software, and documentation. Additional channels of any media type can be added at any time.

Shipping, installation, and training services at the customer’s site within the Continental U.S. (CONUS) are included in the turnkey system price.

Shipping, installation, and training at sites outside the Continental U.S. (OCONUS) are supported with an additional fixed fee dependent upon location and system size. OCONUS systems include a pre-configured spare for each discrete physical component of the system.

SIN NO.	Multimedia Monitoring Systems (M3S) Part Number	PRODUCT DESCRIPTION	GSA PRICE
54151	APP-Ta	Turnkey- Application Server - The Application Server supports the user interface/application and stores user generated content. At least one Application Server is required, but a single M3S can support multiple Application Servers.	\$24,685.14
54151	APP-Tb	CONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$4,443.32
54151	APP-Tc	OCONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$5,677.58
54151	MAP-Ta	Turnkey- Map Server - The Map Server allows visualization of BMS and WMS data and search results on a map.	\$34,559.19
54151	MAP-Tb	CONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$6,220.65
54151	MAP-Tc	OCONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$7,948.61
54151	BMSMT-Ta	Turnkey- Broadcast Monitoring subsystem (BMS) with Machine Translation - This subsystem processes either television and satellite or FM radio sources, creating a continuous, searchable one-year archive of audio/video and its associated metadata. Each Broadcast channel supports a single language.	\$98,740.55
54151	BMSMT-Tb	CONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$17,773.30

SIN NO.	Multimedia Monitoring Systems (M3S) Part Number	PRODUCT DESCRIPTION	GSA PRICE
54151	BMSMT-Tc	OCONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$22,710.33
54151	BMS-Ta	Turnkey- Broadcast Monitoring subsystem (BMS) without Machine Translation - This subsystem processes either television and satellite or FM radio sources, creating a continuous, searchable one-year archive of audio/video and its associated metadata. Each Broadcast channel supports a single language.	\$74,055.42
54151	BMS-Tb	CONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$13,329.97
54151	BMS-Tc	OCONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$17,032.75
54151	MISMT-Ta	Turnkey- Media Indexing subsystem (MIS) with Machine Translation - This subsystem processes YouTube and audio/video files in a variety of formats. About 8,000 hours of files can be stored on each channel. Each Media Indexing channel supports a single language.	\$98,740.55
54151	MISMT-Tb	CONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$17,773.30
54151	MISMT-Tc	OCONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$22,710.33
54151	MIS-Ta	Turnkey- Media Indexing subsystem MIS without Machine Translation - This subsystem processes YouTube and audio/video files in a variety of formats. About 8,000 hours of files can be stored on each channel. Each Media Indexing channel supports a single language.	\$74,055.42
54151	MIS-Tb	CONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$13,329.97
54151	MIS-Tc	OCONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$17,032.75
54151	AMS-Ta	Turnkey- Archive Media Server, optional component for BMS/MIS - Provides additional storage beyond 8,000 hours for BMS (or MIS) channels.	\$19,748.11
54151	AMS-Tb	CONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$3,554.66

SIN NO.	Multimedia Monitoring Systems (M3S) Part Number	PRODUCT DESCRIPTION	GSA PRICE
54151	AMS-Tc	OCONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$4,542.07
54151	WMSMT-Ta	Turnkey- Web Monitoring subsystem (WMS) with Machine Translation - This subsystem includes one or more Web Harvesters that ingest and process web sites; approximately one million pages are stored on each harvester. Each harvester supports a single language.	\$98,740.55
54151	WMSMT-Tb	CONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$17,773.30
54151	WMSMT-Tc	OCONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$22,710.33
54151	WMS-Ta	Turnkey- Web Monitoring subsystem (WMS) without Machine Translation - This subsystem includes one or more Web Harvesters that ingest and process web sites; approximately one million pages are stored on each harvester. Each harvester supports a single language.	\$74,055.42
54151	WMS-Tb	CONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$13,329.97
54151	WMS-Tc	OCONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$17,032.75
54151	TISMT-Ta	Turnkey- Twitter Ingest Subsystem with Machine Translation - Adds support for Twitter as a data source, with the ability to ingest tweets from up to 500 Twitter users.	\$98,740.55
54151	TISMT-Tb	CONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$17,773.30
54151	TISMT-Tc	OCONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$22,710.33
54151	TIS-Ta	Turnkey- Twitter Ingest Subsystem without Machine Translation - Adds support for Twitter as a data source, with the ability to ingest tweets from up to 500 Twitter users.	\$74,055.42
54151	TIS-Tb	CONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$13,329.97

SIN NO.	Multimedia Monitoring Systems (M3S) Part Number	PRODUCT DESCRIPTION	GSA PRICE
54151	TIS-Tc	OCONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$17,032.75
54151	FBVKMT-Ta	Turnkey- Facebook/VKontakte Ingest Subsystem with Machine Translation - Adds support for open Facebook pages or VK users and pages as a data source.	\$98,740.55
54151	FBVKMT-Tb	CONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$17,773.30
54151	FBVKMT-Tc	OCONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$22,710.33
54151	FBVK-Ta	Turnkey- Facebook/VKontakte Ingest Subsystem without Machine Translation - Adds support for open Facebook pages or VK users and pages as a data source.	\$74,055.42
54151	FBVK-Tb	CONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$13,329.97
54151	FBVK-Tc	OCONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$17,032.75
54151	EPS-Ta	Turnkey- Entity Profile subsystem (EPS), optional component for WMS - Adds support that allows the generation of automatic English-language summaries or profiles of information derived about persons and organizations from large volumes of open-source, streaming, multilingual data. These summaries are generated over streaming data so that results are current. Requires purchase of at least one Web Monitoring subsystem for the data stream.	\$98,740.55
54151	EPS-Tb	CONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$17,773.30
54151	EPS-Tc	OCONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$22,710.33
54151	HOST-Ta	Turnkey- Hosting of M3S system - Hosting of M3S systems at BBN's facility in Cambridge, MA. Quantity: Per rack per month.	\$5,924.43
54151	HOST-Tb	CONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$1,066.40
54151	HOST-Tc	OCONUS Maintenance - The annual maintenance fee includes both hardware and software support and is required for the first year at the time of system purchase.	\$1,362.62

**SaaS M3S PRODUCTS**

SaaS Multimedia Monitoring System (M3S) base model May consist of the following subsystems hosted on Amazon Web Services. A base M3S includes at least one Application Server and one broadcast monitoring/media indexing subsystem, one web monitoring subsystem, or one social media subsystem.

Pricing is for one year term.

The M3S can be configured with only broadcast channels, only web channels, or social media channels, or any combination thereof. Additional channels of any media type can be added at any time. Additional storage beyond that described above can be added for an additional cost.

M3S pricing is based on the number of components and number of accounts. Component prices include hosting, training, maintenance and support.

SIN NO.	Multimedia Monitoring Systems (M3S) Part Number	PRODUCT DESCRIPTION	GSA PRICE
54151	APP-S	SaaS- Application Server (Required) - Supports the user interface/application and stores user generated content. At least one Application Server is required, but a single M3S can support multiple Application Servers. Includes mapping software that allows visualization of processed data and search results on a map.	\$23,697.73
54151	EPS-P	SaaS-Entity Profile subsystem (EPS) with previously purchased perpetual M3S licenses - generates automatic English-language summaries or profiles of information derived about persons and organizations from large volumes of open-source, streaming, multilingual data. Summaries are generated over streaming data so that results are current. Requires purchase of Web Harvesters for the data stream. Each EPS can support up to four Web Harvesters.	\$19,748.11

SIN NO.	Multimedia Monitoring Systems (M3S) Part Number	PRODUCT DESCRIPTION	GSA PRICE
54151	BMSMT-S	SaaS-Broadcast Channel with Machine Translation - Processes either television and satellite or FM radio sources, creating a continuous, searchable one-year archive of audio/video and its associated metadata. Each channel supports a single language. Additional storage can be added at any time.	\$39,496.22
54151	BMS-S	SaaS-Broadcast Channel without Machine Translation - Processes either television and satellite or FM radio sources, creating a continuous, searchable one-year archive of audio/video and its associated metadata. Each channel supports a single language. Additional storage can be added at any time.	\$29,622.17
54151	MISMT-S	SaaS-Media Indexer with Machine Translation - Processes YouTube and audio/video files in a variety of formats. About 8,000 hours of files can be stored on each channel. Each Media Indexing channel supports a single language. Additional storage can be added at any time.	\$39,496.22
54151	MIS-S	SaaS-Media Indexer without Machine Translation - Processes YouTube and audio/video files in a variety of formats. About 8,000 hours of files can be stored on each channel. Each Media Indexing channel supports a single language. Additional storage can be added at any time.	\$29,622.17
54151	WMSMT-S	SaaS-Web Harvester with Machine Translation - Ingests and processes web sites; approximately one million pages are stored on each harvester. Each harvester supports a single language.	\$39,496.22
54151	WMS-S	SaaS-Web Harvester without Machine Translation - Ingests and processes web sites; approximately one million pages are stored on each harvester. Each harvester supports a single language.	\$29,622.17
54151	TISMT-S	SaaS-Social Media (Twitter) Harvester - Adds support for Twitter as a data source, with the ability to ingest tweets from up to 500 Twitter users.	\$39,496.22
54151	TIS-S	SaaS-Social Media (Twitter) Harvester without Machine Translation - Adds support for Twitter as a data source, with the ability to ingest tweets from up to 500 Twitter users.	\$29,622.17
54151	FBVKMT-S	SaaS-Social Media (Facebook or Vkontakte) Harvester with Machine Translation - Adds support for open Facebook pages or VK users and pages as a data source.	\$39,496.22
54151	FBVK-S	SaaS-Social Media (Facebook or Vkontakte) Harvester without Machine Translation - Adds support for open Facebook pages or VK users and pages as a data source.	\$29,622.17

SIN NO.	Multimedia Monitoring Systems (M3S) Part Number	PRODUCT DESCRIPTION	GSA PRICE
54151	EPS-S	SaaS-Entity Profile subsystem (EPS) - Generates automatic English-language summaries or profiles of information derived about persons and organizations from large volumes of open-source, streaming, multilingual data. Summaries are generated over streaming data so that results are current. Requires purchase of one or more Web Harvesters for the data stream. Each EPS can support up to four Web Harvesters.	\$39,496.22
54151	APP-P	SaaS-Application server with previously purchased perpetual M3S license - Supports the user interface/application and stores user generated content. At least one Application Server is required, but a single M3S can support multiple Application Servers. Includes mapping software that allows visualization of processed data and search results on a map.	\$14,811.08
54151	BMS-P	SaaS-Broadcast Channel with previously purchased perpetual M3S licenses - Processes either television and satellite or FM radio sources, creating a continuous, searchable one-year archive of audio/video and its associated metadata. Each channel supports a single language. Additional storage can be added at any time.	\$19,748.11
54151	WMS-P	SaaS-Web Harvester with previously purchased perpetual M3S licenses - Ingests and processes web sites; approximately one million pages are stored on each harvester. Each harvester supports a single language.	\$19,748.11
54151	SMH-P	SaaS-Social Media Harvester with previously purchased perpetual M3S licenses - Adds support for one of the following data sources. Each harvester supports one foreign language. - Twitter Ingest Subsystem: Ingests and processes tweets from up to 500 Twitter users. Includes support for English in addition to one foreign language.	\$24,685.14
54151	MIS-P	SaaS-Media Indexer with previously purchased perpetual M3S licenses - Processes audio/video files in a variety of formats. About 8,000 hours of files can be stored on each channel. Each Media Indexing channel supports a single language. Additional storage can be added at any time.	\$19,748.11
54151	ACC-50	SaaS-Additional Accounts 101-150 - 101-150 total accounts	\$24,685.14
54151	ACC-100	SaaS-Additional Accounts 151-200 - 151-200 total accounts	\$44,433.25
54151	ACC-150	SaaS-Additional Accounts 201-250 - 201-250 total accounts	\$59,244.33
54151	ACC-200	SaaS-Additional Accounts 251-300 - 251-300 total accounts.	\$69,118.39

SIN NO.	Multimedia Monitoring Systems (M3S) Part Number	PRODUCT DESCRIPTION	GSA PRICE
54151	ACC-300	SaaS-Additional Accounts 301-400 - 301-400 total accounts.	\$88,866.50
54151	ACC-400	SaaS-Additional Accounts 401-500 - 401-500 total accounts	\$98,740.55
54151	ACC-900	SaaS-Additional Accounts 500-1000 - 500-1000 total accounts	\$177,733.00

Raytheon Hourly Rates (Contractor Site Rates) SIN 54151S, IT Services					
LABOR CATEGORY	1/27/2022 - 1/26/2023	1/27/2023 - 1/26/2024	1/27/2024 - 1/26/2025	1/27/2025 - 1/26/2026	1/27/2026 - 1/26/2027
Subject Matter Expert	\$249.16	\$255.39	\$261.77	\$268.32	\$275.02
Program Manager	\$264.20	\$270.81	\$277.58	\$284.52	\$291.64
Project Manager	\$207.71	\$212.90	\$218.22	\$223.68	\$229.27
Pr. Staff Advisor	\$239.73	\$245.72	\$251.87	\$258.16	\$264.61
Sr. Staff Member	\$201.54	\$206.58	\$211.75	\$217.04	\$222.47
Staff Member	\$151.58	\$155.37	\$159.25	\$163.23	\$167.31
Sr. Systems Architect	\$262.67	\$269.24	\$275.97	\$282.87	\$289.94
Sr. Systems Engineer	\$239.73	\$245.72	\$251.87	\$258.16	\$264.61
Systems Engineer	\$182.69	\$187.26	\$191.94	\$196.74	\$201.65
Jr. Security Engineer	\$239.71	\$245.70	\$251.85	\$258.14	\$264.59
Mid-Level Security Engineer	\$236.98	\$242.91	\$224.76	\$255.21	\$261.58
Jr. Programmer/Analyst	\$144.38	\$147.99	\$151.69	\$155.48	\$159.38
Configuration Mgmt. Specialist	\$157.88	\$161.83	\$165.88	\$170.02	\$174.27
Data Manager	\$151.98	\$155.78	\$159.68	\$163.66	\$167.75
Pr. Information Systems Scientist	\$259.82	\$266.32	\$272.98	\$279.80	\$286.79
Principal Scientist	\$337.83	\$346.28	\$354.93	\$363.81	\$372.90
Pr. Functional Area Specialist	\$318.21	\$326.17	\$334.33	\$342.68	\$351.24
Sr. QA Specialist	\$171.05	\$175.33	\$179.71	\$184.20	\$188.81
QA Specialist	\$148.13	\$151.83	\$155.64	\$159.52	\$163.51
Business Analyst	\$96.95	\$99.37	\$101.86	\$104.40	\$107.01

Raytheon Hourly Rates (Government Site Rates) SIN 54151S, IT Services					
LABOR CATEGORY	1/27/2022 - 1/26/2023	1/27/2023 - 1/26/2024	1/27/2024 - 1/26/2025	1/27/2025 - 1/26/2026	1/27/2026 - 1/26/2027
Subject Matter Expert	\$249.16	\$255.39	\$261.77	\$268.32	\$275.02
Program Manager	\$251.62	\$257.91	\$264.35	\$270.97	\$277.74
Project Manager	\$199.95	\$200.85	\$205.86	\$211.01	\$216.29
Pr. Staff Advisor	\$212.15	\$217.45	\$222.89	\$228.46	\$234.18
Sr. Staff Member	\$190.13	\$194.89	\$199.77	\$204.75	\$209.87
Staff Member	\$132.96	\$136.29	\$139.69	\$143.19	\$146.76
Sr. Systems Architect	\$250.17	\$256.42	\$262.83	\$269.40	\$276.13
Sr. Systems Engineer	\$228.31	\$234.02	\$239.88	\$245.87	\$252.01
Systems Engineer	\$170.73	\$175.00	\$179.38	\$183.86	\$188.45
Jr. Security Engineer	\$226.14	\$231.79	\$237.58	\$243.52	\$249.61
Mid-Level Security Engineer	\$236.98	\$242.91	\$224.76	\$255.21	\$261.58
Jr. Programmer/Analyst	\$136.20	\$139.61	\$143.09	\$146.67	\$150.35
Configuration Mgmt. Specialist	\$146.19	\$149.84	\$153.59	\$157.43	\$161.37
Data Manager	\$143.88	\$146.96	\$150.64	\$154.40	\$158.27
Pr. Information Systems Scientist	\$247.45	\$253.64	\$259.97	\$266.48	\$273.14
Principal Scientist	\$240.55	\$246.56	\$252.73	\$259.04	\$265.52
Pr. Functional Area Specialist	\$303.06	\$310.63	\$318.41	\$326.36	\$334.52
Sr. QA Specialist	\$161.36	\$165.40	\$169.52	\$173.77	\$178.11
QA Specialist	\$139.74	\$143.23	\$146.81	\$150.49	\$154.24
Business Analyst	\$91.46	\$93.74	\$96.09	\$98.49	\$100.95

Raytheon Hourly Rates (Contractor Site Rates)					
SIN ANCILLARY, Ancillary Services					
LABOR CATEGORY	1/27/2022 - 1/26/2023	1/27/2023 - 1/26/2024	1/27/2024 - 1/26/2025	1/27/2025 - 1/26/2026	1/27/2026 - 1/26/2027
Data Entry**	\$49.66	\$50.90	\$52.17	\$53.48	\$54.81
Administrator**	\$92.33	\$94.64	\$97.01	\$99.43	\$101.92

Raytheon Hourly Rates (Government Site Rates)					
SIN ANCILLARY, Ancillary Services					
LABOR CATEGORY	1/27/2022 - 1/26/2023	1/27/2023 - 1/26/2024	1/27/2024 - 1/26/2025	1/27/2025 - 1/26/2026	1/27/2026 - 1/26/2027
Data Entry**	\$46.85	\$48.03	\$49.23	\$50.46	\$51.72
Administrator**	\$87.11	\$89.28	\$91.52	\$93.80	\$96.15

Raytheon Hourly Rates (Contractor Site Rates)					
SIN 541370GEO, Earth Observation Solutions					
LABOR CATEGORY	1/27/2022 - 1/26/2023	1/27/2023 - 1/26/2024	1/27/2024 - 1/26/2025	1/27/2025 - 1/26/2026	1/27/2026 - 1/26/2027
EOS - Program Manager	\$264.20	\$270.81	\$277.58	\$284.52	\$291.64
EOS - Project Manager	\$207.71	\$212.90	\$218.23	\$223.68	\$229.27
EOS - Pr. Staff Advisor	\$239.73	\$245.72	\$251.86	\$258.16	\$264.61
EOS - Subject Matter Expert	\$249.16	\$255.39	\$261.77	\$268.32	\$275.02
EOS – Subject Matter Expert (Lead)	\$259.82	\$266.32	\$272.98	\$279.80	\$286.79
EOS – Subject Matter Expert (Intermediate)	\$201.54	\$206.58	\$211.75	\$217.04	\$222.47
EOS – Subject Matter Expert (Associate)	\$151.58	\$155.37	\$159.25	\$163.23	\$167.31
EOS - Sr. Systems Architect	\$262.67	\$269.24	\$275.97	\$282.87	\$289.94
EOS - Sr. Systems Engineer	\$239.73	\$245.72	\$251.86	\$258.16	\$264.61
EOS - Systems Engineer	\$182.69	\$187.26	\$191.94	\$196.74	\$201.65
EOS - Jr. Security Engineer	\$239.71	\$245.70	\$251.84	\$258.16	\$264.59
EOS - Mid-Level Security Engineer	\$236.98	\$242.91	\$248.99	\$255.21	\$261.58
EOS - Jr. Programmer/Analyst	\$144.38	\$147.99	\$151.69	\$155.48	\$159.38
EOS - Configuration Mgmt. Specialist	\$157.88	\$161.83	\$165.87	\$170.02	\$174.27
EOS - Data Manager	\$151.98	\$155.78	\$159.68	\$163.66	\$167.75
EOS - Pr. Functional Area Specialist	\$318.21	\$326.17	\$334.33	\$342.68	\$351.24
EOS - Principal Scientist	\$337.83	\$346.28	\$354.93	\$363.81	\$372.90
EOS - Sr. QA Specialist	\$171.05	\$175.33	\$179.72	\$184.20	\$188.81
EOS - QA Specialist	\$148.13	\$151.83	\$155.63	\$159.52	\$163.51
EOS - Business Analyst	\$96.95	\$99.37	\$101.85	\$104.40	\$107.01

Raytheon Hourly Rates (Government Site Rates) SIN 541370GEO, Earth Observation Solutions					
LABOR CATEGORY	1/27/2022 - 1/26/2023	1/27/2023 - 1/26/2024	1/27/2024 - 1/26/2025	1/27/2025 - 1/26/2026	1/27/2026 - 1/26/2027
EOS - Program Manager	\$251.62	\$257.91	\$264.35	\$270.97	\$277.74
EOS - Project Manager	\$195.95	\$200.85	\$205.86	\$211.01	\$216.29
EOS - Pr. Staff Advisor	\$212.15	\$217.45	\$222.89	\$228.46	\$234.18
EOS - Subject Matter Expert	\$249.16	\$255.39	\$237.24	\$268.32	\$275.02
EOS – Subject Matter Expert (Lead)	\$247.45	\$253.64	\$259.97	\$266.48	\$273.14
EOS – Subject Matter Expert (Intermediate)	\$190.13	\$194.89	\$199.77	\$204.75	\$209.87
EOS – Subject Matter Expert (Associate)	\$132.96	\$136.29	\$139.69	\$143.19	\$146.76
EOS - Sr. Systems Architect	\$250.17	\$256.42	\$262.83	\$269.40	\$276.13
EOS - Sr. Systems Engineer	\$228.31	\$234.02	\$239.88	\$245.87	\$252.01
EOS - Systems Engineer	\$170.73	\$175.00	\$179.38	\$183.86	\$188.45
EOS - Jr. Security Engineer	\$226.14	\$231.79	\$237.58	\$243.52	\$249.61
EOS - Mid-Level Security Engineer	\$236.98	\$242.91	\$224.76	\$255.21	\$261.58
EOS - Jr. Programmer/Analyst	\$136.20	\$139.61	\$143.09	\$146.87	\$150.35
EOS - Configuration Mgmt. Specialist	\$146.19	\$149.84	\$153.59	\$157.43	\$161.37
EOS - Data Manager	\$143.38	\$146.96	\$150.64	\$154.40	\$158.27
EOS - Pr. Functional Area Specialist	\$303.06	\$310.63	\$318.40	\$326.36	\$334.52
EOS - Principal Scientist	\$337.83	\$346.28	\$354.93	\$363.81	\$372.90
EOS - Sr. QA Specialist	\$161.36	\$165.40	\$169.53	\$173.77	\$178.11
EOS - QA Specialist	\$139.74	\$143.23	\$146.81	\$150.49	\$154.24
EOS - Business Analyst	\$91.46	\$93.74	\$96.08	\$98.48	\$100.95

Raytheon Hourly Rates (Contractor Site Rates)					
Highly Adaptive Cybersecurity Services (HACS) SIN 54151HACS					
LABOR CATEGORY	1/27/2022 - 1/26/2023	1/27/2023 - 1/26/2024	1/27/2024 - 1/26/2025	1/27/2025 - 1/26/2026	1/27/2026 - 1/26/2027
HACS- Program Manager	\$264.20	\$270.81	\$277.58	\$284.52	\$291.64
HACS- Project Manager	\$207.71	\$212.90	\$218.22	\$223.68	\$229.27
HACS- Pr. Staff Advisor	\$239.73	\$245.72	\$251.87	\$258.16	\$264.61
HACS- Subject Matter Expert (Principal)	\$382.47	\$392.03	\$401.83	\$411.88	\$422.18
HACS- Subject Matter Expert (Lead)	\$259.82	\$266.32	\$272.98	\$279.80	\$286.79
HACS- Subject Matter Expert (Intermediate)	\$201.54	\$206.58	\$211.75	\$217.04	\$222.47
HACS- Subject Matter Expert (Associate)	\$151.58	\$155.37	\$159.25	\$163.23	\$167.31
HACS- Sr. Systems Architect	\$262.67	\$269.24	\$275.97	\$282.87	\$289.94
HACS- Sr. Systems Engineer	\$239.73	\$245.72	\$251.87	\$258.16	\$264.61
HACS- Systems Engineer	\$182.69	\$187.26	\$191.94	\$196.74	\$201.65
HACS- Cybersecurity Engineer (Associate)	\$239.71	\$245.70	\$251.85	\$258.14	\$264.59
HACS- Cybersecurity Engineer (Intermediate)	\$236.98	\$242.91	\$224.76	\$255.21	\$261.58
HACS- Programmer/Analyst (Associate)	\$144.38	\$147.99	\$151.69	\$155.48	\$159.38
HACS- Configuration Mgmt. Specialist	\$157.88	\$161.83	\$165.88	\$170.02	\$174.27
HACS- Data Manager	\$151.98	\$155.78	\$159.68	\$163.66	\$167.75
HACS- Principal Scientist	\$419.16	\$429.64	\$440.38	\$451.39	\$462.67
HACS- Pr. Functional Area Specialist	\$318.21	\$326.17	\$334.33	\$342.68	\$351.24
HACS- Business Analyst	\$96.95	\$99.37	\$101.86	\$104.40	\$107.01

Raytheon Hourly Rates (Government Site Rates)					
Highly Adaptive Cybersecurity Services (HACS) SIN 54151HACS					
LABOR CATEGORY	1/27/2022 - 1/26/2023	1/27/2023 - 1/26/2024	1/27/2024 - 1/26/2025	1/27/2025 - 1/26/2026	1/27/2026 - 1/26/2027
HACS- Program Manager	\$251.62	\$257.91	\$264.35	\$270.97	\$277.74
HACS- Project Manager	\$195.95	\$200.85	\$205.86	\$211.01	\$216.29
HACS- Pr. Staff Advisor	\$212.15	\$217.45	\$222.89	\$228.46	\$234.18
HACS- Subject Matter Expert (Principal)	\$225.81	\$231.46	\$237.24	\$243.17	\$249.25
HACS- Subject Matter Expert (Lead)	\$247.45	\$253.64	\$259.97	\$266.48	\$273.14
HACS- Subject Matter Expert (Intermediate)	\$190.13	\$194.89	\$199.77	\$204.75	\$209.87
HACS- Subject Matter Expert (Associate)	\$132.96	\$136.29	\$139.69	\$143.19	\$146.76
HACS- Sr. Systems Architect	\$250.17	\$256.42	\$262.83	\$269.40	\$276.13
HACS- Sr. Systems Engineer	\$228.31	\$234.02	\$239.88	\$245.87	\$252.01
HACS- Systems Engineer	\$170.73	\$175.00	\$179.38	\$183.86	\$188.45
HACS- Cybersecurity Engineer (Associate)	\$226.14	\$231.79	\$237.58	\$243.53	\$249.61
HACS- Cybersecurity Engineer (Intermediate)	\$236.98	\$242.91	\$224.76	\$255.21	\$261.58
HACS- Programmer/Analyst (Associate)	\$136.20	\$139.61	\$143.09	\$146.67	\$150.35
HACS- Configuration Mgmt. Specialist	\$146.19	\$149.84	\$153.59	\$157.43	\$161.37
HACS- Data Manager	\$143.38	\$146.96	\$150.64	\$154.40	\$158.27
HACS- Principal Scientist	\$216.43	\$221.84	\$227.39	\$233.07	\$238.90
HACS- Pr. Functional Area Specialist	\$303.06	\$310.63	\$318.41	\$326.36	\$334.52
HACS- Business Analyst	\$91.46	\$93.74	\$96.09	\$98.49	\$100.95

**PROFESSIONAL AND MANAGEMENT DEVELOPMENT TRAINING**

**SIN 611512: FLIGHT TRAINING**

Includes aviation and flight training.

**SIN 611430: PROFESSIONAL AND MANAGEMENT DEVELOPMENT TRAINING**

All rates are inclusive of GSA 0.75% Industrial Funding Fee (IFF).

Raytheon Hourly Rates (Government and Contractor Site Rates)					
LABOR CATEGORY	1/27/2022- 1/26/2023	1/27/2023- 1/26/2024	1/27/2024- 1/26/2025	1/27/2025- 1/26/2026	1/27/2026- 1/26/2027
Program Analyst	\$86.15	\$88.31	\$90.52	\$92.78	\$95.09
Instructional Technologist	\$131.61	\$134.90	\$138.28	\$141.73	\$145.27
Instructional Designer	\$153.03	\$156.86	\$160.78	\$164.80	\$168.92
Senior Instructional Designer	\$178.66	\$183.13	\$187.71	\$192.40	\$197.21
Subject Matter Expert	\$210.82	\$216.09	\$221.49	\$227.03	\$232.70
Program Manager	\$195.42	\$200.30	\$205.31	\$210.44	\$215.70
Senior Program Manager	\$204.88	\$210.00	\$215.24	\$220.63	\$226.15
Multimedia Developer	\$98.94	\$101.42	\$103.96	\$106.55	\$109.21
Multimedia Graphics Arts Specialist	\$114.52	\$117.39	\$120.31	\$123.33	\$126.41

LOGISTICAL SERVICES LABOR CATEGORY PRICE LIST

**SIN 541614SVC: Supply and Value Chain Management**  
**SIN 541614: Deployment, Distribution and Transportation Logistics Services**  
**SIN 611430: Professional and Management Development Training**

All rates are inclusive of GSA 0.75% Industrial Funding Fee (IFF).

Raytheon Hourly Rates (Government and Contractor Site Rates)					
LABOR CATEGORY	1/27/2022- 1/26/2023	1/27/2023- 1/26/2024	1/27/2024- 1/26/2025	1/27/2025- 1/26/2026	1/27/2026- 1/26/2027
Administrative Support/Clerical	\$101.92	\$104.46	\$107.07	\$109.75	\$112.49
Configuration Analyst	\$149.88	\$153.62	\$157.46	\$161.40	\$165.43
Contracts Admin. Manager	\$124.34	\$127.45	\$130.64	\$133.90	\$137.25
General Accountant II	\$78.80	\$80.77	\$82.79	\$84.86	\$86.98
Info Systems Technologist II	\$81.95	\$84.00	\$86.10	\$88.25	\$90.46
Instructor/Analyst	\$153.97	\$157.81	\$161.75	\$165.80	\$169.94
Logistics Specialist	\$74.60	\$76.46	\$78.37	\$80.34	\$82.35
Manager I	\$197.77	\$202.72	\$207.79	\$212.98	\$218.31
Manager II	\$220.18	\$225.68	\$231.32	\$237.11	\$243.03
Manager III	\$237.64	\$243.58	\$249.67	\$255.91	\$262.31
Military Operations Specialist	N/A	N/A	\$230.39	\$236.15	\$242.06
Multimedia Specialist	\$154.74	\$158.60	\$162.57	\$166.63	\$170.79
Planning/ Control Specialist	\$155.87	\$159.77	\$163.77	\$167.86	\$172.06
Program Cost Sched./Cntl Analyst	\$86.59	\$88.76	\$90.98	\$93.25	\$95.59
Purchasing Specialist	\$78.80	\$80.77	\$82.79	\$84.86	\$86.98
Sr. Manager, General	\$235.14	\$241.01	\$247.03	\$253.21	\$259.55
Sr. PC/Client Server Analyst	\$128.13	\$131.33	\$134.61	\$137.98	\$141.42
Subcontract Administrator	\$100.06	\$102.56	\$105.13	\$107.75	\$110.45
Systems Support Assistant **	\$71.91	\$73.71	\$75.56	\$77.44	\$79.38
Team Leader I	\$168.83	\$173.05	\$177.38	\$181.81	\$186.35
Team Leader II	\$172.95	\$177.27	\$181.70	\$186.25	\$190.90
Technical Editor/Writer	\$96.66	\$99.07	\$101.55	\$104.09	\$106.69
Training Manager	\$221.91	\$227.46	\$233.15	\$238.98	\$244.96

SCLS Eligible Contract Labor Category	SCLS Equivalent Code – Title	WD Number
Data Entry**	01050 – Data Entry Operator	WD 2015-4281
Administrator**	01313 – Secretary III	WD 2015-4281
Systems Support Assistant**	14102 - Computer Systems Analyst II	WD 2015-4281

The Service Contract Labor Standards (SCLS), formerly known as the Service Contract Act (SCA), is applicable to this contract and it includes SCLS applicable labor categories. The prices for the cited SCLS labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCLS matrix. The prices awarded are in line with the geographic scope of the contract (i.e., nationwide).

ENGINEERING SIN LABOR CATEGORY PRICE LIST

**SIN 541330ENG: Engineering Services**

**SIN 541715: Engineering Research and Development and Strategic Planning**

**SIN 541380: Testing Laboratories**

**SIN 541420: Engineering System Design and Integration Services**

Hourly Rates include 0.75% GSA Industrial Funding Fee (IFF)

Raytheon Hourly Rates (Government and Contractor Site Rates)					
LABOR CATEGORY	1/27/2022- 1/26/2023	1/27/2023- 1/26/2024	1/27/2024- 1/26/2025	1/27/2025- 1/26/2026	1/27/2026- 1/26/2027
Subject Matter Eng. Expert	\$242.79	\$248.86	\$255.08	\$261.46	\$268.00
Subject Matter Eng. Expert (Required Clearance)	\$250.58	\$256.84	\$263.26	\$269.84	\$276.59
Engineering Design Supervisor	\$194.20	\$199.05	\$204.03	\$209.13	\$214.36
Engineering Design Supervisor (Required Clearance)	\$289.36	\$296.59	\$304.00	\$311.61	\$319.40
Principal Engineer	\$220.97	\$226.49	\$232.15	\$237.96	\$243.91
Principal Engineer (Required Clearance)	\$329.24	\$337.47	\$345.90	\$354.56	\$363.43
Sr. Engineer – Level III	\$193.20	\$198.03	\$202.98	\$208.06	\$213.25
Sr. Engineer Level III (Required Clearance)	\$272.45	\$279.26	\$286.24	\$293.39	\$300.74
Sr. Engineer – Level II	\$182.85	\$187.42	\$192.10	\$196.91	\$201.84
Sr. Engineer Level II (Required Clearance)	\$236.91	\$242.83	\$248.90	\$255.12	\$261.50
Sr. Engineer – Level I	\$159.00	\$162.97	\$167.04	\$171.22	\$175.51
Sr. Engineer – Level I (Required Clearance)	\$213.44	\$218.77	\$224.24	\$229.85	\$235.59
Engineer – Level IV	\$144.84	\$148.46	\$152.17	\$155.98	\$159.88
Engineer – Level IV (Required Clearance)	\$211.66	\$216.95	\$222.38	\$227.94	\$233.64
Engineer – Level III	\$142.01	\$145.56	\$149.20	\$152.93	\$156.75
Engineer – Level III (Required Clearance)	\$183.16	\$187.74	\$192.43	\$197.24	\$202.17
Engineer – Level II	\$108.24	\$110.95	\$113.72	\$116.56	\$119.48
Engineer – Level II (Required Clearance)	\$161.27	\$165.31	\$169.44	\$173.67	\$178.02
Engineer – Level I	\$87.33	\$89.51	\$91.75	\$94.05	\$96.39

ENGINEERING SIN LABOR CATEGORY PRICE LIST - Continued

Raytheon Hourly Rates (Government and Contractor Site Rates)					
LABOR CATEGORY	1/27/2022- 1/26/2023	1/27/2023- 1/26/2024	1/27/2024- 1/26/2025	1/27/2025- 1/26/2026	1/27/2026- 1/26/2027
Engineer – Level I (Required Clearance)	\$130.12	\$133.38	\$136.72	\$140.13	\$143.64
Associate Engineer – Level III	\$107.01	\$109.69	\$112.43	\$115.24	\$118.13
Associate Engineer – Level III (Required Clearance)	\$159.44	\$163.42	\$167.51	\$171.70	\$175.99
Associate Engineer – Level II	\$99.09	\$101.56	\$104.10	\$106.71	\$109.37
Associate Engineer – Level II (Required Clearance)	\$147.63	\$151.32	\$155.10	\$158.98	\$162.95
Associate Engineer – Level I	\$91.74	\$94.03	\$96.38	\$98.79	\$101.26
Associate Engineer – Level I (Required Clearance)	\$136.69	\$140.11	\$143.62	\$147.20	\$150.88
Engineering Technician	\$75.28	\$77.16	\$79.09	\$71.06	\$83.09
Engineering Technician (Required Clearance)	\$109.77	\$112.51	\$115.32	\$118.21	\$121.17
Sr. Engineering Support – Level VI	\$219.81	\$225.31	\$230.94	\$236.71	\$242.63
Sr. Engineering Support – Level VI (Required Clearance)	\$291.76	\$299.05	\$306.53	\$314.19	\$322.06
Sr. Engineering Support – Level V	\$170.26	\$174.52	\$178.88	\$183.35	\$187.94
Sr. Engineering Support – Level V (Required Clearance)	\$253.71	\$260.05	\$266.55	\$273.22	\$280.04
Sr. Engineering Support – Level IV	\$148.06	\$151.76	\$155.56	\$159.45	\$163.44
Sr. Engineer Support – Level IV (Required Clearance)	\$220.61	\$226.13	\$231.78	\$237.57	\$243.51
Sr. Engineering Support – Level III	\$128.74	\$131.96	\$135.25	\$138.64	\$142.11
Sr. Engineering Support – Level III (Required Clearance)	\$191.83	\$196.62	\$201.53	\$206.58	\$211.75
Sr. Engineering Support – Level II	\$111.95	\$114.75	\$117.62	\$120.56	\$123.58
Sr. Engineering Support – Level II (Required Clearance)	\$166.81	\$170.98	\$175.25	\$179.63	\$184.12
Sr. Engineering Support – Level I	\$100.86	\$103.38	\$105.96	\$108.62	\$111.34
Sr. Engineering Support – Level I (Required Clearance)	\$150.29	\$154.04	\$157.89	\$191.84	\$165.88
Engineering Support – Level VI	\$104.55	\$107.16	\$109.84	\$112.59	\$115.40
Engineering Support – Level VI (Required Clearance)	\$155.79	\$159.68	\$163.67	\$167.77	\$171.96

ENGINEERING SIN LABOR CATEGORY PRICE LIST - Continued

Raytheon Hourly Rates (Government and Contractor Site Rates)					
LABOR CATEGORY	1/27/2022- 1/26/2023	1/27/2023- 1/26/2024	1/27/2024- 1/26/2025	1/27/2025- 1/26/2026	1/27/2026- 1/26/2027
Engineering Support – Level V	\$92.53	\$94.84	\$97.21	\$99.64	\$102.13
Engineering Support – Level V (Required Clearance)	\$137.86	\$141.31	\$144.85	\$148.46	\$152.17
Engineering Support – Level IV	\$81.88	\$83.92	\$86.02	\$88.17	\$90.38
Engineering Support – Level IV (Required Clearance)	\$122.00	\$125.05	\$128.17	\$131.38	\$134.66
Engineering Support – Level III	\$71.20	\$72.98	\$74.80	\$76.67	\$78.59
Engineering Support – Level III (Required Clearance)	\$106.09	\$108.74	\$111.46	\$114.25	\$117.10
Engineering Support – Level II	\$61.91	\$63.46	\$65.05	\$66.67	\$68.33
Engineering Support – Level II (Required Clearance)	\$92.25	\$94.56	\$96.93	\$99.34	\$101.83
Engineering Support – Level I	\$54.79	\$56.16	\$57.56	\$59.00	\$60.47
Engineering Support – Level I (Required Clearance)	\$81.63	\$83.67	\$85.76	\$87.90	\$90.10
Field Service Engineering – FE01	\$183.62	\$188.21	\$192.92	\$197.74	\$202.69