

General Services Administration

GS-35F-0060N is listed here for reference purposes only and is replaced by 47QTCA21D001L. GS-35F-006N is only to be used for BPAs and orders awarded prior to, or pending an award decision as of November 9, 2020 (effective award date of 47QTCA21D001L). All new BPAs and orders MUST be awarded against the contractor's new MAS contract 47QTCA21D001L.

Federal Supply Service Authorized Federal Supply Schedule Price List

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!®, a menu-driven database system. The INTERNET address GSA Advantage!® is: GSAAdvantage.gov.

MULTIPLE AWARD SCHEDULE

Large Category	Subcategory	SIN Title	Special Item Number	PSC
Information Technology	IT Hardware	Purchasing of New Electronic Equipment	33411	7010
Information Technology	IT Services	Information Technology Professional Services	54151S	D399
Miscellaneous	Complimentary Special Item Numbers	Ancillary Supplies and Services	ANCILLARY	0000
Miscellaneous	Complimentary Special Item Numbers	Order-Level Materials (OLM)	OLM	0000

For more information on ordering from Federal Supply Schedules go to the [GSA Schedules page at GSA.gov](http://GSA.gov).

Contract Number: GS-35F-0060N

Refresh A812, signed April 23, 2020

Refresh A812, Refresh 004, signed August 19, 2020

Period of Performance: October 28, 2002 through October 27, 2022

General Dynamics Mission Systems, Inc.

8201 East McDowell Road
Scottsdale, AZ 85257

Toll-Free Telephone: 1-877-449-0600

Web Site: www.gdmissionsystems.com

Attention: Gavin Hill

GS35F0060N@gd-ms.com

Business Size: Other than Small Business

Prices shown herein are net prices. Discounts have been deducted and the discount rate varies.
Price List current through modification PO-0299, effective date of January 14, 2021.

GENERAL QUESTIONS:
Toll Free 1-877-449-0600
GS35F0060N@gd-ms.com

**FOR SPECIFIC PRODUCT ORDERING ASSISTANCE, PRODUCT INFORMATION, OR TECHNICAL QUESTIONS,
CONTACT THE SPECIFIC PRODUCT POINT OF CONTACT:**
(These individuals may be subject to change)

SPECIAL ITEM NUMBER	DESCRIPTION	POINT OF CONTACT FOR ORDER / TECHNICAL ASSISTANCE
33411	SPACE ELECTRONICS Products	Name: Anthony Schelstrate Phone: 480-441-7126 Fax: 480-441-0823
54151S	PROFESSIONAL SERVICES	Name: Gavin Hill Phone: 202-669-0670 Email: GS35F0060N@gd-ms.com
ANCILLARY	ANCILLARY SUPPLIES AND/OR SERVICES	Name: Gavin Hill Phone: 202-669-0670 Email: GS35F0060N@gd-ms.com
OLM	ORDER-LEVEL MATERIALS	Name: Gavin Hill Phone: 202-669-0670 Email: GS35F0060N@gd-ms.com

**AUTHORIZED FEDERAL SUPPLY SERVICE MULTIPLE AWARD
SCHEDULE PRICELIST
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY
EQUIPMENT, SOFTWARE, AND SERVICES**

Special Item Number 33411	Purchasing of New Electronic Equipment
Special Item Number 54151S	Information Technology Professional Services
Special Item Number ANCILLARY	Ancillary Supplies and Services
Special Item Number OLM	Order-Level Materials

Note: All non-professional labor categories must be incidental to and used solely to support hardware, software and/or professional services, and cannot be purchased separately.

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SECTION I

Customer Information

CUSTOMER INFORMATION FOR ALL SPECIAL ITEM NUMBERS

1A. TABLE OF AWARDED SPECIAL ITEM NUMBERS WITH APPROPRIATE CROSS-REFERENCE TO ITEM DESCRIPTIONS AND AWARD PRICES

Section in Catalog	Page Number	Special Item Number	Product Line
III	66		Space Electronics Products
		33411	Space Electronics Products
IV	70		Professional Services
		54151S ANCILLARY	Labor Category Descriptions and Equivalency Matrix
		54151S ANCILLARY	Labor Category Rate Table

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.

Special Item Number	Lowest Priced Model Number	Lowest Unit Price (GSA Price Including IFF)
33411	0021AH, 0021AJ, 0021AK	\$10.08
54151S	Engineering Technician 1	Contractor Site: \$57.21 Customer Site: \$46.64
ANCILLARY	Material Handling Assoc 1	Contractor Site: \$54.31 Customer Site: \$37.45
OLM	N/A	N/A

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 SUBCONTRACTORS WHO WILL PERFORM SERVICES SHALL BE PROVIDED. IF HOURLY RATES ARE NOT APPLICABLE, INDICATE "NOT APPLICABLE" FOR THIS ITEM.

Please reference awarded labor categories and rates in Section VII, beginning on page 70.

2. MAXIMUM ORDER

Special Item Number	Maximum Order Threshold
33411	\$500,000.00
54151S	\$500,000.00
ANCILLARY	\$250,000.00
OLM	N/A

3. MINIMUM ORDER: \$1.00

4. GEOGRAPHIC SCOPE OF CONTRACT:

Domestic delivery is delivery within the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories. Domestic delivery also includes a port or consolidation point, within the aforementioned areas, for orders

received from overseas activities.

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

Product Line	Domestic Delivery Only	Overseas Delivery Only	Both Domestic and Overseas Delivery
Space Electronics	X		

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

Points of Production			
Scottsdale, Arizona, USA	Gaithersburg, Maryland, USA	Palmetto, Florida, USA	Torrance, California, USA
Phoenix, Arizona, USA	Glendale Heights, Illinois, USA	Largo, Florida, USA	Albuquerque, New Mexico, USA
Lombard, Illinois, USA	Tempe, Arizona, USA	Northridge, California, USA	Belmar, New Jersey, USA
Oneonta, New York, USA	Camarillo, California, USA	Erie, Pennsylvania, USA	Jiutepec, Morelos, Mexico
Grants Pass, Oregon, USA	Wauconda, Illinois, USA	Rancho Dominguez, California, USA	Valley Cottage, New York, USA
South Attleboro, Massachusetts, USA	Blue Earth, Minnesota, USA	South Deerfield, Massachusetts, USA	Garfield, New Jersey, USA
Essex JCT, Vermont, USA	Moraine, Ohio, USA	Chatsworth, California, USA	Brainerd, Minnesota, USA
Johnstown, Pennsylvania, USA	Colliersville, New York, USA	Manassas, Virginia, USA	Taunton, Massachusetts, USA

6. DISCOUNT FROM LIST PRICES OR STATEMENT OF NET PRICE

Discounts offered vary by product. Pricing contained in this catalog reflects pricing including discount. Negotiated discounts have been applied and the Industrial Funding Fee has been added.

7. QUANTITY DISCOUNTS

Tiered pricing is available for the following part numbers:

01-0080-0015-001

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.

9A. NOTIFICATION THAT GOVERNMENT PURCHASE CARDS ARE ACCEPTED AT OR BELOW THE MICRO-PURCHASE THRESHOLD.

Contractors are required to accept the Government purchase card for payments at or below the micro-purchase threshold.

9B. NOTIFICATION WHETHER GOVERNMENT PURCHASE CARDS ARE ACCEPTED OR NOT ACCEPTED ABOVE THE MICRO-PURCHASE THRESHOLD.

Government purchase cards will be acceptable for payment above the micro-purchase threshold.

10. FOREIGN ITEMS (LIST ITEMS BY COUNTRY OF ORIGIN).

N/A

11A. TIME OF DELIVERY. (CONTRACTOR INSERT NUMBER OF DAYS.)

SPECIAL ITEM NUMBER	DESCRIPTION	DELIVERY TIME (DAYS After Receipt of Order)
33411	Space Electronics Products	Determined based on quantity ordered, as specified in the product pricing
54151S ANCILLARY	Labor Categories and Rates	As agreed upon between ordering agency and contractor

*CHVP Delivery Notes – All Cryptographic High-Value Products (CHVP) require NSA approval before shipping in accordance to the Committee on National Security Systems Instruction (CNSSI- 4031) CHVP policy.

Orders for CHVP products are subject to approval by the National Security Agency (NSA). GDMS will be responsible for obtaining the approval using Customer provided information set forth in Customer’s order. GDMS will contact the ordering Customer if additional information is required to obtain NSA approval.

Customers must supply the following information for the NSA approval at time of order:

1. U.S. Government contract number or NSA Memorandum of Agreement Program Number under which the CHVP product is being purchased.
2. Shipping address.
3. U.S. Government point of contact name, email, and telephone number.
4. If a FTR CIK is required (applicable to C100 only) a valid COMSEC account number must be provided at time of order.

11B. EXPEDITED DELIVERY

Items available for expedited delivery are noted in this pricelist.

11C. OVERNIGHT AND 2-DAY DELIVERY

The schedule customer may contact the Contractor for rates for overnight and 1-day delivery.

11D. URGENT DELIVERY

Agencies can contact the Contractor’s representative to effect a faster delivery.

12. F.O.B. POINT

Destination.

13A. ORDERING ADDRESSES

CAGE	Address	CAGE	Address	CAGE	Address
3CX82	2688 Orchard Parkway San Jose, CA 95134	078N2	4600 Research Park Cir Las Cruces, NM 88001-5948	3CX93	3133 General Hudnell Dr. Ste 300 San Antonio, TX 78226-1876
34EA9	12450 Fair Lakes Circle Fairfax, VA 22033-3810	6EF40	6245 Guardian Gateway Aberdeen, MD 21005-1304	3CX95	1233 North Mathilda Ave. Bldg 181 Sunnyvale, CA 94089-1211
3CX91	7 - 9 Vreeland Rd Florham Park, NJ 07932-1908	6LCM0	430 National Business Parkway Annapolis Junction, MD 20701	4M5K7	9555 Kaunualii Highway Ste 105 Waimea, HI 96796-1177
34DS1	540 Huntmar Park Dr Herndon, VA 20170-5154	0VT68	872 Heritage Park Boulevard Layton, Utah 84041-5650	4U238	2900 CRYSTAL DRIVE STE 510 Arlington, VA 22202 3556
3CX85	100 Plastics Ave Pittsfield, MA 01201-3632	04655	150 Rustcraft Rd Dedham, MA 02026-4534	0PZ48	6812 Butner Rd. AND Letterman St. BLDG 8 Fort Bragg, NC 28310 0001

3CX86	1330 Inverness Drive Colorado Springs, CO 80910-3725	1VNY6	12001 Research Parkway Orlando, FL 32826-3249	0AHN2	BLDG 3820 TERMINAL AVE. Fort Hood, TX 76544
3CX89	5440 Millstream Road McLeansville, NC 27301-9274	1GAH6	2730 Sidney St Pittsburgh, PA 15203-5137	0N9K3	9564 RAINIER DR. Fort Lewis, WA 98433
3CX90	2721 Technology Dr Annapolis Junction, MD 20701-1206	4LG55	389 E Ramsey Rd San Antonio, TX 78216-4636	CK606	MANNHEIMER STR. 290 Kaiserslautern, RHEINLAND-PFALZ 67657
3CYA2	8800 Queen Avenue South Bloomington, MN 55431-1908	1LXF2	553 S St Quincy, MA 02169-7318	6M0J3	1900 Founders Dr. Ste. 106 DAYTON, OH 45420-4030
0GE30	10467 White Granite Drive Oakton, VA 22124-2763	31531	6717 AL Highway 157 Cullman, AL 35057-6904	1U2D5	1200 Joe Hall Dr. Ypsilanti, MI 48197-7523
1VPW8	8201 E McDowell Rd Scottsdale, AZ 85257-3812	04DG4	150 Johnston Rd Marion, VA 24354-4324	3CX96	112 Lakeview Canyon Rd. Thousand Oaks, CA 91362-3925
67032	400 John Quincy Adams Rd Taunton, MA 02780-1036	8FRS4	2041 Rosecrans Ave El Segundo, CA 90245-4788	3CYA0	8005 S Chester St. Ste 325 Englewood, CO 80112-3538
3C2U7	1700 Magnavox Way Fort Wayne, IN 46804-1560	3CX87	12950 Worldgate Dr. Ste 800 Herndon, VA 20170-6002	3CYA1	2673 Commons Blvd. Ste 200 Beavercreek, OH 45431-3803
1VN18	6000 Technology Dr NW Huntsville, AL 35805-1919	1F9U8	2900 Sabre Street Suite 200 Virginia Beach, VA 23452-7803		

13B. ORDERING PROCEDURES

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

14. PAYMENT ADDRESSES

For Electronic Funds Transfer

- a. Name and Address of Financial Institution
General Dynamics Mission Systems
c/o PNC Bank, N.A P.O. Box 640232
Pittsburgh, PA 15264-0232
- b. ABA number of Financial Institution: 043000096
- c. GDMS Account Number: 3695717
- d. Swift Code Number: PNCCUS33

For Direct Payments

General Dynamics Mission Systems
P.O. Box 640232
Pittsburgh, PA 15264-0232

15. WARRANTY PROVISION

Warranty varies by product.

16. EXPORT PACKING CHARGES, IF APPLICABLE

Not Applicable

17. TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE (ANY THRESHOLDS ABOVE THE MICRO-PURCHASE THRESHOLD)

Not Applicable

18. TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE)

Not Applicable

19. TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE)

Not Applicable

20. TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF APPLICABLE)

Pricing in catalog reflects all applicable discounts for all available products.

20A. TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE)

Not Applicable

21. LIST OF SERVICE AND DISTRIBUTION POINTS

Not Applicable

22. LIST OF PARTICIPATING DEALERS

Not Applicable

23. PREVENTIVE MAINTENANCE

Not Applicable

24A. SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (E.G., RECYCLED CONTENT, ENERGY EFFICIENCY, AND/OR REDUCED POLLUTANTS)

Not Applicable

24B. IF APPLICABLE, INDICATE THAT SECTION 508 COMPLIANCE INFORMATION IS AVAILABLE ON ELECTRONIC AND INFORMATION TECHNOLOGY (EIT) SUPPLIES AND SERVICES AND SHOW WHERE FULL DETAILS CAN BE FOUND (E.G. CONTRACTOR'S WEBSITE OR OTHER LOCATION.) THE EIT STANDARDS CAN BE FOUND AT: WWW.SECTION508.GOV.

Not Applicable

25. DATA UNIVERSAL NUMBER SYSTEM (DUNS) NUMBER

787800114

26. NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE

Registration in SAM is Active

SECTION II

Terms and Conditions

F02. IT HARDWARE SUBCATEGORY

1. Offerors submitting an offer for a SIN(s) under the "Hardware Subcategory" must also comply with the following:
 - a. Installation and Technical Services for new or used/refurbished equipment.
 - i. Offerors shall indicate as an attachment to the GSA Price List (I-FSS-600 CONTRACT PRICE LISTS (OCT 2016):
 - A. if the equipment is self-installable; and/or
Yes – Equipment is self-installable.
 - B. If the equipment is not self-installable, include any fees for installation, training, or maintenance.
 - ii. Offerors should provide commercial practices for installation, deinstallation and/or reinstallation for review and possible inclusion in the contract.
The products offered herein are self-installable with the assistance of provided manuals.

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

33411 Includes desktop, laptop, tablet computers (including rugged), servers, storage equipment, hyperconverged integrated systems, supercomputers, routers, switches and other communications equipment, IT security equipment (hardware based firewalls), audio and video (AV) equipment, public address systems, monitors/displays, sensors and other Internet of Things (IOT) devices, printers and Multi-Function Device (MFD) equipment, broadcast band radio, two-way radio (LMR), microwave radio equipment, satellite communications equipment, radio transmitters/receivers (airborne), radio navigation equipment/antennas, optical/imaging systems, and associated peripherals required for operations (such as controllers, connectors, cables, drivers, adapters, etc., ancillary installation of any equipment purchased.

NOTE: Subject to Cooperative Purchasing

Cooperative Purchasing: Yes
Set Aside: No
FSC/PSC Code: 7010
Maximum Order: \$500,000

Instructions:

****Best-in-Class (BIC) Designation****

1. Specific Instructions for SIN 33411 - Purchase of new electronic equipment
 - a) offerors of new equipment are required to provide maintenance service and/or repair service and repair parts, in accordance with normal industry practices, for the type of equipment offered, for the Scope of the Contract (i.e., at minimum, the 48 contiguous states and the District of Columbia).

<p>SPACE ELECTRONICS PRODUCTS</p>	<p>General Dynamics Mission Systems 8201 E. McDowell Road Scottsdale, AZ 85257</p> <p>Attention: Customer Service</p> <p>Phone: 1-877-449-0600 or 480-726-1048 Fax: 1-877-449-0599 or 480-726-2971 Email: customer.service@gd-ms.com</p>
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SECTION III

SPACE ELECTRONICS PRODUCTS

- **Space Electronics Products**

SIN 33411 SPACE ELECTRONICS						
ITEM	PART NUMBER	DESCRIPTION	UNIT OF MEASURE	TIERED PRICING		DELIVERY
LEO Sentinel™ M-Code GPS Receiver	01-0080-0015-001	<p>M-Code Global Positioning System (GPS) Spaceborne Receiver providing Precise Positioning Service position, velocity, and time information for Low Earth Orbit (LEO) applications.</p> <ul style="list-style-type: none"> * LEO, GEO capable with MEO option * GEO Sidelobe Acquisition and Tracking Algorithms enable continuous PNT availability * Fast Acquisition Processor enables rapid COLD start capability * Integrated Anti-Jam Technology * 64 Channels, L1 and L2 Capable * C/A, P(Y) and Modernized M-Code, with optional L2C civil signal * Provides Near Real-time Position, Velocity and Time Measurements for Superior User Performance * Relative Navigation Capability Allows for Differential Position, Velocity and Time Determination Between Co-orbiting Spacecraft (Optional) * Precision Time Stamping Allows Unprecedented Accuracies in Space * Precise Position Service Key Management Supports All Selective Availability Anti-spoof Module (SAASM) Unique Keying * Single or Dual Antenna Capability Allows the Spacecraft User Installation Flexibility and Performance * Qualified and Tested for the Space Environment: Pyrotechnic Shock, Random Vibration, Thermalvacuum and EMI/EMC (Tailored Mil-Std-461F) 	EA	\$3,564,000.00	1 Unit	12 Months ARO
				\$2,475,000.00	2-3 Units	12-14 Months ARO
				\$2,029,500.00	4-7 Units	14-18 Months ARO
				\$1,782,000.00	8+ Units	18-n Months ARO

SECTION IV

PROFESSIONAL & ANCILLARY SERVICES

- **Labor Category Descriptions and Equivalency Matrix**
- **Labor Rates Onsite and Offsite**

LABOR CATEGORIES

(REFERENCE RATE TABLE FOR HOURLY RATES)

SIN 54151S – Professional Services

SIN ANCILLARY – Ancillary Supplies and/or Services

NOTE REGARDING SIN ANCILLARY: Non-professional labor categories must be incidental to, and used solely to support professional services, and cannot be purchased separately.

Equivalency Matrix

Relevant Work Experience	Degree Equivalence
4	Associates
8	Bachelors
Years of equivalent work experience used to satisfy degree requirements are in addition to years of experience required by the specific Labor Category description.	
For 54151S labor categories, experience cannot substitute for 100% of education requirement.	
If experience is substituted for education to meet labor category qualifications, include this statement (or equivalent statement) in contract: "Due to the availability or limitation of education, occasionally substitution of experience for a professional labor type with additional years of experience will be provided per the approval of the federal agency acquiring the service."	
Equivalency Example: Labor Category requires BS and 5 years of experience. Candidate with AA degree would need 9 years relevant experience (4 to meet BS requirement plus 5 to meet experience requirement).	

Count	SIN(s) 54151S and ANCILLARY	Labor Category	Functional Responsibility	Minimum Experience Requirement (Years)	Minimum Education Requirement (Degree)
1	ANCILLARY	Business Admin Assoc 1	For IT projects, gathers, collects, records, tracks and verifies data and information from multiple sources. Compiles, reviews and analyzes data. Assists in the preparation of reports, graphs and presentations using spreadsheet and graphic software.	2	HS
2	ANCILLARY	Business Admin Assoc 2	For IT projects, gathers, collects, records, tracks and verifies data and information from multiple sources. Compiles, reviews and analyzes data. Assists in the preparation of reports, graphs and presentations using spreadsheet and graphic software.	4	HS
3	ANCILLARY	Business Admin Assoc 3	For IT projects, gathers, collects, records, tracks and verifies data and information from multiple sources. Compiles, reviews and analyzes data. Assists in the preparation of reports, graphs and presentations using spreadsheet and graphic software.	5	HS
4	54151S	Business Ops Spec 1	For IT projects, takes leadership of technical/administrative projects and tasks. Plans, schedules, documents, reports, tracks progress of and provides status accounting and technical management of projects to ensure work scope, schedules and budgets are defined and maintained.	0	BS
5	54151S	Business Ops Spec 2	For IT projects, takes leadership of technical/administrative projects and tasks. Plans, schedules, documents, reports, tracks progress of and provides status accounting and technical management of projects to ensure work scope, schedules and budgets are defined and maintained.	5	BS

6	54151S	CAD Drafting Tech 1	In support of IT projects, develops and applies computer aided design (CAD) software engineering methods, theories and research techniques in the investigation and solution of technical problems. Defines and selects new approaches and implementation of CAD software engineering applications and design specifications and parameters. Leads or contributes as an individual technical contributor on a small design or test team. Manages design tasks as principal assignment within the project. Creates mechanical designs that meet relevant functional requirements. May specify materials, equipment and supplies required for completion of projects and may evaluate vendor capabilities to provide required products or services. Prepares design specifications, analysis and recommendations for presentation and approval.	1	AA
7	54151S	CAD Drafting Tech 2	In support of IT projects, develops and applies computer aided design (CAD) software engineering methods, theories and research techniques in the investigation and solution of technical problems. Defines and selects new approaches and implementation of CAD software engineering applications and design specifications and parameters. Leads or contributes as an individual technical contributor on a small design or test team. Manages design tasks as principal assignment within the project. Creates mechanical designs that meet relevant functional requirements. May specify materials, equipment and supplies required for completion of projects and may evaluate vendor capabilities to provide required products or services. Prepares design specifications, analysis and recommendations for presentation and approval.	3	AA
8	54151S	CAD Drafting Tech 3	In support of IT projects, develops and applies computer aided design (CAD) software engineering methods, theories and research techniques in the investigation and solution of technical problems. Defines and selects new approaches and implementation of CAD software engineering applications and design specifications and parameters. Leads or contributes as an individual technical contributor on a small design or test team. Manages design tasks as principal assignment within the project. Creates mechanical designs that meet relevant functional requirements. May specify materials, equipment and supplies required for completion of projects and may evaluate vendor capabilities to provide required products or services. Prepares design specifications, analysis and recommendations for presentation and approval.	7	AA
9	54151S	CAD Engineer 1	For IT projects, develops and applies computer aided design (CAD) software engineering methods, theories and research techniques in the investigation and solution of technical problems. Assesses architecture and hardware limitations, plans technical projects in the design and development of CAD software.	5	BS
10	54151S	CAD Engineer 2	For IT projects, develops and applies computer aided design (CAD) software engineering methods, theories and research techniques in the investigation and solution of technical problems. Assesses architecture and hardware limitations, plans technical projects in the design and development of CAD software.	8	BS
11	54151S	CAD Engineer 3	For IT projects, supervises computer aided design (CAD) software engineering methods, theories and research techniques in the investigation and solution of technical problems. Assesses architecture and hardware limitations, plans technical projects in the design and development of CAD software.	10	BS

12	54151S	Communications Engineer 1	Assists more experienced communications engineers in the design, development, and testing of IT communications interface programs, which may include voice, data, or image communication. Assists in conducting feasibility studies. Prepares detailed specifications and flowcharts for implementing new internal programs or modification to vendor software. Possesses a basic knowledge of communications protocols, hardware, and real-time system programming.	0	BS
13	54151S	Communications Engineer 2	Assists more experienced communications engineers in the design, development, and testing of IT communications interface programs, which may include voice, data, or image communication. Assists in conducting feasibility studies. Prepares detailed specifications and flowcharts for implementing new internal programs or modification to vendor software. Possesses a basic knowledge of communications protocols, hardware, and real-time system programming.	2	BS
14	54151S	Communications Engineer 3	Designs, develops, and tests complex IT communications interface programs, which may include voice, data, or image communication. Conducts feasibility studies. Prepares detailed specifications and flowcharts for implementing new internal programs or modification to vendor software. Possesses a thorough knowledge of communications protocols, hardware, and real-time system programming. Analyzes user requirements and recommends system solution. May function as team leader and/or provide guidance to less experienced communications analysts.	5	BS
15	54151S	Communications Engineer 4	Designs, develops, and tests complex IT communications interface programs, which may include voice, data, or image communication. Conducts feasibility studies. Prepares detailed specifications and flowcharts for implementing new internal programs or modification to vendor software. Possesses a thorough knowledge of communications protocols, hardware, and real-time system programming. Analyzes user requirements and recommends system solution. May function as team leader and/or provide guidance to less experienced communications analysts.	8	BS
16	54151S	Communications Engineer 5	Designs, develops, and tests complex IT communications interface programs, which may include voice, data, or image communication. Conducts feasibility studies. Prepares detailed specifications and flowcharts for implementing new internal programs or modification to vendor software. Possesses a thorough knowledge of communications protocols, hardware, and real-time system programming. Analyzes user requirements and recommends system solution. May function as team leader and/or provide guidance to less experienced communications analysts.	12	BS
17	54151S	Computer Forensics Spec 1	Implements and documents IT network exploitation and defense techniques to include deterring, identifying and investigating computer and network intrusions; computer surveillance/monitoring, vulnerability assessments, penetration tests of information systems, disaster recovery analysis, secure network design, audits of information security infrastructure and policy; computer exploitation and reconnaissance. Implements and documents custom tool development, modification and analysis; target mapping and profiling; and, network decoy and deception operations in support of computer intrusion operations. Implements and documents forensics services to include evidence seizure, computer forensic analysis and data recovery.	0	BS

18	54151S	Computer Forensics Spec 2	Implements and documents IT network exploitation and defense techniques to include deterring, identifying and investigating computer and network intrusions; computer surveillance/monitoring, vulnerability assessments, penetration tests of information systems, disaster recovery analysis, secure network design, audits of information security infrastructure and policy; computer exploitation and reconnaissance. Implements and documents custom tool development, modification and analysis; target mapping and profiling; and, network decoy and deception operations in support of computer intrusion operations. Implements and documents forensics services to include evidence seizure, computer forensic analysis and data recovery.	2	BS
19	54151S	Computer Forensics Spec 3	Implements and documents IT network exploitation and defense techniques to include deterring, identifying and investigating computer and network intrusions; computer surveillance/monitoring, vulnerability assessments, penetration tests of information systems, disaster recovery analysis, secure network design, audits of information security infrastructure and policy; computer exploitation and reconnaissance. Implements and documents custom tool development, modification and analysis; target mapping and profiling; and, network decoy and deception operations in support of computer intrusion operations. Implements and documents forensics services to include evidence seizure, computer forensic analysis and data recovery.	6	BS
20	54151S	Computer Forensics Spec 4	Implements and documents IT network exploitation and defense techniques to include deterring, identifying and investigating computer and network intrusions; computer surveillance/monitoring, vulnerability assessments, penetration tests of information systems, disaster recovery analysis, secure network design, audits of information security infrastructure and policy; computer exploitation and reconnaissance. Implements and documents custom tool development, modification and analysis; target mapping and profiling; and, network decoy and deception operations in support of computer intrusion operations. Implements and documents forensics services to include evidence seizure, computer forensic analysis and data recovery.	9	BS
21	54151S	Computer Forensics Spec 5	Provides technical direction and leadership for complex IT network exploitation and defense techniques to include deterring, identifying and investigating computer and network intrusions; as well as conducting comprehensive computer surveillance/monitoring, vulnerability assessments, penetration tests of information systems, disaster recovery analysis, secure network design, and audits of information security infrastructure and policy. Provides technical direction and leadership for computer exploitation and reconnaissance; custom tool development, modification and analysis; target mapping and profiling; and, network decoy and deception operations in support of computer intrusion operations. Provides technical direction and leadership for forensics services to include evidence seizure, computer forensic analysis and data recovery, in support of computer crime investigation.	15	BS
22	54151S	Configuration Mgt Assoc 1	Design and establishes IT system configuration management documentation. Authorizes the release of drawings and changes specified by program management and other functional groups. Provides advice and guidance on methods, procedures and requirements to individuals responsible for the creation of documentation.	0	BS

23	54151S	Configuration Mgt Assoc 2	Design and establishes IT system configuration management documentation. Authorizes the release of drawings and changes specified by program management and other functional groups. Provides advice and guidance on methods, procedures and requirements to individuals responsible for the creation of documentation.	2	BS
24	54151S	Configuration Mgt Assoc 3	Design and establishes IT system configuration management documentation. Authorizes the release of drawings and changes specified by program management and other functional groups. Provides advice and guidance on methods, procedures and requirements to individuals responsible for the creation of documentation.	5	BS
25	54151S	Configuration Mgt Assoc 4	Design and establishes IT system configuration management documentation. Authorizes the release of drawings and changes specified by program management and other functional groups. Provides advice and guidance on methods, procedures and requirements to individuals responsible for the creation of documentation.	8	BS
26	54151S	Configuration Mgt Assoc 5	Design and establishes IT system configuration management documentation. Authorizes the release of drawings and changes specified by program management and other functional groups. Provides advice and guidance on methods, procedures and requirements to individuals responsible for the creation of documentation.	9	BS
27	54151S	Database Administrator 1	Performs IT database administration, backups and recoveries, and works with users to resolve database questions or problems. Provides assistance to users on equipment operations. Maintains and updates databases and data dictionaries.	0	BS
28	54151S	Database Administrator 2	Performs IT database administration, backups and recoveries, and works with users to resolve database questions or problems. Provides assistance to users on equipment operations. Maintains and updates databases and data dictionaries.	2	BS
29	54151S	Database Administrator 3	Performs IT database administration, backups and recoveries, and works with users to resolve database questions or problems. Coordinates systems resource availability with database analysts, system and application programmers, and other users. Provides advice and assistance to users on equipment operations. Maintains and updates databases and data dictionaries.	5	BS
30	54151S	Database Administrator 4	Ensures efficient operation of a multi-computer site that supports IT database administration, analysis, and report production; data dictionary administration; and system development. Performs database administration, backups and recoveries, and works with users to resolve database questions or problems. Coordinates systems resource availability with database analysts, system and application programmers, and other users. Provides advice and assistance to users on equipment operations. Maintains and updates databases and data dictionaries.	8	BS
31	54151S	Database Administrator 5	Ensures efficient operation of a multi-computer site that supports IT database administration, analysis, and report production; data dictionary administration; and system development. Performs database administration, backups and recoveries, and works with users to resolve database questions or problems. Coordinates systems resource availability with database analysts, system and application programmers, and other users. Provides advice and assistance to users on equipment operations. Maintains and updates databases and data dictionaries.	10	BS

32	54151S	Eng Technical Manager 1	Exercise full supervision of IT engineering teams and staff in terms of costs, methods and employees. Establishes operational objectives and assignments, and delegates assignments to subordinate managers and staff. May manage multiple functions, organizations, locations, products and/or technical disciplines. Works on complex problems where analysis of situations or data requires an in-depth evaluation of various factors. Exercises judgment within broadly defined practices and policies in selecting methods, techniques and evaluation criteria for obtaining results. Ensures that budgets, schedules, and performance requirements are met. Requires the ability to change the thinking of, or gain acceptance of, others in sensitive situations.	5	BS
33	54151S	Eng Technical Manager 2	Exercise full supervision of IT engineering teams and staff in terms of costs, methods and employees. Establishes operational objectives and assignments, and delegates assignments to subordinate managers and staff. May manage multiple functions, organizations, locations, products and/or technical disciplines. Works on complex problems where analysis of situations or data requires an in-depth evaluation of various factors. Exercises judgment within broadly defined practices and policies in selecting methods, techniques and evaluation criteria for obtaining results. Ensures that budgets, schedules, and performance requirements are met. Requires the ability to change the thinking of, or gain acceptance of, others in sensitive situations.	8	BS
34	54151S	Eng Technical Manager 3	Exercise full supervision of IT engineering teams and staff in terms of costs, methods and employees. Establishes operational objectives and assignments, and delegates assignments to subordinate managers and staff. May manage multiple functions, organizations, locations, products and/or technical disciplines. Works on complex problems where analysis of situations or data requires an in-depth evaluation of various factors. Exercises judgment within broadly defined practices and policies in selecting methods, techniques and evaluation criteria for obtaining results. Ensures that budgets, schedules, and performance requirements are met. Requires the ability to change the thinking of, or gain acceptance of, others in sensitive situations.	10	BS
35	ANCILLARY	Engineering Technician 1	For IT projects, performs testing, analysis, evaluation and repair of engineering, network, telecommunications or other technical equipment and/or systems. Lays out, builds, calibrates, adjusts, installs and maintains equipment, components, devices or systems. Analyzes results and implements procedures for problems. May develop test specifications and procedures. May prepare reports, documentation/specifications	1	HS
36	54151S	Engineering Technician 2	Performs testing, analysis, evaluation and repair of engineering, IT network, telecommunications or other technical equipment and/or systems. Lays out, builds, calibrates, adjusts, installs and maintains equipment, components, devices or systems. Analyzes results and implements procedures for problems. May develop test specifications and procedures. May prepare reports, documentation/specifications	1	AA

37	54151S	Engineering Technician 3	Performs testing, analysis, evaluation and repair of engineering, IT network, telecommunications or other technical equipment and/or systems. Lays out, builds, calibrates, adjusts, installs and maintains equipment, components, devices or systems. Analyzes results and implements procedures for problems. May develop test specifications and procedures. May prepare reports, documentation/specifications	3	AA
38	54151S	Engineering Technician 4	Performs testing, analysis, evaluation and repair of engineering, IT network, telecommunications or other technical equipment and/or systems. Lays out, builds, calibrates, adjusts, installs and maintains equipment, components, devices or systems. Analyzes results and implements procedures for problems. May develop test specifications and procedures. May prepare reports, documentation/specifications	5	AA
39	54151S	Engineering Technician 5	Performs testing, analysis, evaluation and repair of engineering, IT network, telecommunications or other technical equipment and/or systems. Lays out, builds, calibrates, adjusts, installs and maintains equipment, components, devices or systems. Analyzes results and implements procedures for problems. May develop test specifications and procedures. May prepare reports, documentation/specifications	7	AA
40	54151S	Enterprise Support 1	For IT projects, provides support in the areas of EVMS, Contracts, Subcontracts, Finance, Security or other program Customer requirement. May include any of the following activities: Administers and monitors contract performance on government prime contracts and subcontracts. Assists negotiations for changes to existing contracts. Reviews contractual documents to ensure adherence to company policy, government specifications and requirements and conformance to GSA master agreement. Responds to inquiries regarding contract obligations and revisions. Prepares, analyzes and evaluates financial information associated with budget, forecast, pricing, planning and control. Interprets data to determine present and future financial performance. Performs cost/schedule performance and resource data management analysis. Assesses cost and schedule variance impacts, provides corrective action recommendations and tracks corrective action plans.	2	BS
41	54151S	Enterprise Support 2	For IT projects, provides support in the areas of EVMS, Contracts, Subcontracts, Finance, Security or other program Customer requirement. May include any of the following activities: Administers and monitors contract performance on government prime contracts and subcontracts. Assists negotiations for changes to existing contracts. Reviews contractual documents to ensure adherence to company policy, government specifications and requirements and conformance to GSA master agreement. Responds to inquiries regarding contract obligations and revisions. Prepares, analyzes and evaluates financial information associated with budget, forecast, pricing, planning and control. Interprets data to determine present and future financial performance. Performs cost/schedule performance and resource data management analysis. Assesses cost and schedule variance impacts, provides corrective action recommendations and tracks corrective action plans.	5	BS

42	54151S	Enterprise Support 3	<p>For IT projects, provides support in the areas of EVMS, Contracts, Subcontracts, Finance, Security or other program Customer requirement. May include any of the following activities: Administers and monitors contract performance on government prime contracts and subcontracts. Assists negotiations for changes to existing contracts. Reviews contractual documents to ensure adherence to company policy, government specifications and requirements and conformance to GSA master agreement. Responds to inquiries regarding contract obligations and revisions. Prepares, analyzes and evaluates financial information associated with budget, forecast, pricing, planning and control. Interprets data to determine present and future financial performance. Performs cost/schedule performance and resource data management analysis. Assesses cost and schedule variance impacts, provides corrective action recommendations and tracks corrective action plans.</p>	8	BS
43	54151S	Enterprise Support 4	<p>For IT projects, provides contractual guidance and assistance in the areas of EVMS, Contracts, Subcontracts, Finance, Security or other program Customer requirements. Attends team and customer meetings/reviews; establishes and maintains program files; helps resolve contractual issues; ensures team meets contractual commitments to the customer; Coordinates program closeout activities, including contractual requirements which affect subcontractors, suppliers, and other Mission Systems' organizations. Includes responsibilities for Program Subcontract Management and Subcontract Administration for all phases of the subcontract life cycle - including pre-award, source selection, proposal, award and post-award activities for all requirements designated as Major Subcontracts. Program Management Subcontract activities are primarily focused on strategic management aspects of subcontracting. Subcontract Administration is primarily the performance of subcontract tasks associated with the administrative activities of subcontracting. Acting as an agent on behalf of Mission Systems will monitor performance to ensure on-time delivery, compliance with contractual terms and conditions as well as serving as the single point of contact between suppliers and Mission Systems on all contractual related issues.</p>	10	BS

44	54151S	Enterprise Support 5	For IT projects, provides contractual guidance and assistance in the areas of EVMS, Contracts, Subcontracts, Finance, Security or other program Customer requirements. Attends team and customer meetings/reviews; establishes and maintains program files; helps resolve contractual issues; ensures team meets contractual commitments to the customer; Coordinates program closeout activities, including contractual requirements which affect subcontractors, suppliers, and other Mission Systems' organizations. Includes responsibilities for Program Subcontract Management and Subcontract Administration for all phases of the subcontract life cycle - including pre-award, source selection, proposal, award and post-award activities for all requirements designated as Major Subcontracts. Program Management Subcontract activities are primarily focused on strategic management aspects of subcontracting. Subcontract Administration is primarily the performance of subcontract tasks associated with the administrative activities of subcontracting. Acting as an agent on behalf of Mission Systems will monitor performance to ensure on-time delivery, compliance with contractual terms and conditions as well as serving as the single point of contact between suppliers and Mission Systems on all contractual related issues.	12	BS
45	ANCILLARY	Govt Property Supv	In support of IT projects, administers property control program activities to ensure accountability of company and/or government property in accordance with applicable company policy or government regulations. Acts as liaison between the DCMA property and the company. Performs compliance audits of government/customer-owned property and initiates corrective actions with the appropriate departments for discrepancies.	5	BS
46	54151S	Hardware Engineer 1	Assists in conducting or participating in the research, design and development of IT information processing hardware and/or electrical components, mechanisms, materials, circuitry, equipment or processes. Assists in defining requirements for hardware system architecture and evaluates performance, integrates hardware units and interconnection of units, implements test plans and handles design documentation.	0	BS
47	54151S	Hardware Engineer 2	Conducts or participates in the research, design and development of IT information processing hardware and/or electrical components, mechanisms, materials, circuitry, equipment or processes. Defines requirements for hardware system architecture and evaluates performance, integrates hardware units and interconnection of units, implements test plans and handles design documentation.	2	BS
48	54151S	Hardware Engineer 3	Conducts or participates in the research, design and development of IT information processing hardware and/or electrical components, mechanisms, materials, circuitry, equipment or processes. Defines requirements for hardware system architecture and evaluates performance, integrates hardware units and interconnection of units, implements test plans and handles design documentation.	5	BS
49	54151S	Hardware Engineer 4	Conducts or participates in the research, design and development of IT information processing hardware and/or electrical components, mechanisms, materials, circuitry, equipment or processes. Defines requirements for hardware system architecture and evaluates performance, integrates hardware units and interconnection of units, implements test plans and handles design documentation.	8	BS

50	54151S	Hardware Engineer 5	Conducts or participates in the research, design and development of IT information processing hardware and/or electrical components, mechanisms, materials, circuitry, equipment or processes. Defines requirements for hardware system architecture and evaluates performance, integrates hardware units and interconnection of units, implements test plans and handles design documentation.	10	BS
51	54151S	IA Engineer 1	Assists in providing information assurance solutions to IT clients, including supporting certification and accreditation activities. Develop security documentation, including security plans, configuration management plans, and contingency plans in compliance with IA policy. Develop verification procedures for executing risk assessments and security test and evaluations, and conduct risk assessments to ensure that systems are operating securely. Frequently interacts with the client to recommend IA solutions based on an understanding of how products and services interrelate and support the IA mission.	2	BS
52	54151S	IA Engineer 2	Assists in providing information assurance solutions to IT clients, including supporting certification and accreditation activities. Develop security documentation, including security plans, configuration management plans, and contingency plans in compliance with IA policy. Develop verification procedures for executing risk assessments and security test and evaluations, and conduct risk assessments to ensure that systems are operating securely. Frequently interacts with the client to recommend IA solutions based on an understanding of how products and services interrelate and support the IA mission.	4	BS
53	54151S	IA Engineer 3	Provide information assurance solutions to IT clients, including supporting certification and accreditation activities. Develop security documentation, including security plans, configuration management plans, and contingency plans in compliance with IA policy. Develop verification procedures for executing risk assessments and security test and evaluations, and conduct risk assessments to ensure that systems are operating securely. Frequently interacts with the client to recommend IA solutions based on an understanding of how products and services interrelate and support the IA mission.	6	BS
54	54151S	IA Engineer 4	Provide information assurance solutions to IT clients, including supporting certification and accreditation activities. Develop security documentation, including security plans, configuration management plans, and contingency plans in compliance with IA policy. Develop verification procedures for executing risk assessments and security test and evaluations, and conduct risk assessments to ensure that systems are operating securely. Frequently interacts with the client to recommend IA solutions based on an understanding of how products and services interrelate and support the IA mission.	8	BS
55	54151S	IA Engineer 5	Provide information assurance solutions to IT clients, including supporting certification and accreditation activities. Develop security documentation, including security plans, configuration management plans, and contingency plans in compliance with IA policy. Develop verification procedures for executing risk assessments and security test and evaluations, and conduct risk assessments to ensure that systems are operating securely. Frequently interacts with the client to recommend IA solutions based on an understanding of how products and services interrelate and support the IA mission.	10	BS

56	54151S	IA Technologist 1	<p>For IT projects, serves as an Information Assurance (IA) technology expert in the architecture and development of IA large systems requiring state-of-art technology that is based on complex engineering techniques and/or processes. Aids in establishing IA system requirements and designs using analysis of enterprise-wide or large scale information systems to determine critical features and establishing performance models to ensure the viability of the required tasks, the interrelationships of the tasks, and that a recommended solution will meet all requirements in an effective manner. Has knowledge of LANs, WANs, VPNs, routers, firewalls, network protocols, and other security and network operations and monitoring, vulnerability analysis, PKI, data encryption, key management, data warehousing, and data mining capabilities.</p>	2	BS
57	54151S	IA Technologist 2	<p>For IT projects, serves as an Information Assurance (IA) technology expert in the architecture and development of IA large systems requiring state-of-art technology that is based on complex engineering techniques and/or processes. Establishes IA system requirements and designs using analysis of enterprise- wide or large scale information systems to determine critical features and establishing performance models to ensure the viability of the required tasks, the interrelationships of the tasks, and that a recommended solution will meet all requirements in an effective manner. Has knowledge of LANs, WANs, VPNs, routers, firewalls, network protocols, and other security and network operations and monitoring, vulnerability analysis, PKI, data encryption, key management, data warehousing, and data mining capabilities. Evaluates analytically and systematically problems of IA work flow, organization, and planning and develops appropriate corrective action. Demonstrates good oral and written communications skills.</p>	5	BS
58	54151S	IA Technologist 3	<p>For IT projects, serves as an Information Assurance (IA) technology expert in the architecture and development of IA large systems requiring state-of-art technology that is based on complex engineering techniques and/or processes. Establishes IA system requirements and designs using analysis of enterprise- wide or large scale information systems to determine critical features and establishing performance models to ensure the viability of the required tasks, the interrelationships of the tasks, and that a recommended solution will meet all requirements in an effective manner. Has expert knowledge of LANs, WANs, VPNs, routers, firewalls, network protocols, and other security and network operations and monitoring, vulnerability analysis, PKI, data encryption, key management, data warehousing, and data mining capabilities. Ensures that the common operating environment is compliant with agency standards. Demonstrates exceptional oral and written communications skills.</p>	12	BS

59	54151S	IA Technologist 4	For IT projects, serves as an Information Assurance (IA) technology expert in the architecture and development of large IA systems requiring state-of-art technology that is based on complex engineering techniques and/or processes. Establishes IA system requirements and designs using analysis of enterprise- wide or large scale information assurance systems to determine critical features and establishing performance models to ensure the viability of the required tasks, the interrelationships of the tasks, and that a recommended solution will meet all requirements in an effective manner. Has expert knowledge of LANs, WANs, VPNs, routers, firewalls, network protocols, and other security and network operations and monitoring, vulnerability analysis, PKI, data encryption, key management, data warehousing, and data mining capabilities. Ensures that the common operating environment is compliant with agency standards. Evaluates analytically and systematically IA problems of work flows, organization, and planning and develops appropriate corrective action. Possesses requisite knowledge and expertise so recognized in the professional community that the Government is able to qualify the individual as an expert in the IA field for a specific IA Task Assignment. Demonstrates exceptional oral and written communications skills.	15	BS
60	54151S	ILS Specialist 1	Defines, reviews and analyzes IT system requirements for enhancements/modifications for supportability. Has overall responsibility to assure workflow meets program and customer delivery requirements.	4	BS
61	54151S	ILS Specialist 2	Defines, reviews and analyzes IT system requirements for enhancements/modifications for supportability. Has overall responsibility to assure workflow meets program and customer delivery requirements. Manages members of the ILS staff in support of projects/programs.	6	BS
62	54151S	ILS Specialist 3	Defines, reviews and analyzes IT system requirements for enhancements/modifications for supportability. Has overall responsibility to assure workflow meets program and customer delivery requirements. Manages members of the ILS staff in support of projects/programs.	8	BS
63	54151S	ILS Specialist 4	Defines, reviews and analyzes IT system requirements for enhancements/modifications for supportability. Has overall responsibility to assure workflow meets program and customer delivery requirements. Manages members of the ILS staff in support of projects/programs.	10	BS
64	54151S	ILS Senior Manager	Defines, reviews and analyzes IT system requirements for enhancements/modifications for supportability. Has overall responsibility to assure workflow meets program and customer delivery requirements. Senior Manager of the ILS staff in support of projects/programs.	12	BS
65	54151S	IT Customer Spt Technician 1	Provides support to IT users on issues of moderate complexity. Applies knowledge of state-of-the-art software, hardware, network infrastructure, and information technology to troubleshoot user/system problems. Provide installation services and define facilities requirements. Routes highly complex problems to more experienced technical specialists. May possess knowledge of structured cabling systems, document imaging, document management, and workflow COTS systems.	3	AA

66	54151S	IT Customer Spt Technician 2	Provides support to IT users on issues of moderate complexity. Applies knowledge of state-of-the-art software, hardware, network infrastructure, and information technology to troubleshoot user/system problems. Provide installation services and define facilities requirements. Routes highly complex problems to more experienced technical specialists. May possess knowledge of structured cabling systems, document imaging, document management, and workflow COTS systems.	3	AA
67	54151S	IT Customer Spt Technician 3	Applies expertise and knowledge of state-of-the-art IT software, hardware, network infrastructure, and/or information technology to troubleshoot complex user/system problems. May possess knowledge of document imaging, document management, and workflow COTS systems. May provide guidance to lower level technical specialists.	5	AA
68	54151S	IT Network Engineer 1	Applies basic networking concepts in the analysis, study, and design of IT networks. Assists more experienced network engineers in analyzing network characteristics (e.g., traffic, connect time, transmission speeds, packet sizes, and throughput). Assists in planning installations, transitions, and cutovers of network components and capabilities. Assists higher-level network engineering in the review of existing network designs and capabilities with the goal of making refinements, reducing operating overhead, enhancing network throughput, and improving current network topologies.	0	BS
69	54151S	IT Network Engineer 2	Applies basic networking concepts in the analysis, study, and design of IT networks. Assists more experienced network engineers in analyzing network characteristics (e.g., traffic, connect time, transmission speeds, packet sizes, and throughput). Assists in planning installations, transitions, and cutovers of network components and capabilities. Assists higher-level network engineering in the review of existing network designs and capabilities with the goal of making refinements, reducing operating overhead, enhancing network throughput, and improving current network topologies.	2	BS
70	54151S	IT Network Engineer 3	Applies advanced networking concepts in the analysis, study, and design of IT networks. Analyzes network characteristics (e.g., traffic, connect time, transmission speeds, packet sizes, and throughput) and recommends procurement, removals, and modifications to network components. Designs and optimizes network topologies and site configurations. Plans installations, transitions, and cutovers of network components and capabilities. May review existing network designs and capabilities with the goal of making refinements, reducing operating overhead, enhancing network throughput, and improving current network topologies. May provide task direction to less experienced network engineers.	5	BS
71	54151S	IT Network Engineer 4	Applies complex networking concepts in the analysis, study, and design of IT networks. Analyzes network characteristics (e.g., traffic, connect time, transmission speeds, packet sizes, and throughput) and recommends procurement, removals, and modifications to network components. Designs and optimizes network topologies and site configurations. Diagnoses and remediation of problems; plans installations, transitions, and cutovers of network components and capabilities. May review existing network designs and capabilities with the goal of making refinements, reducing operating overhead, enhancing network throughput, and improving current network topologies.	8	BS

72	54151S	IT Network Engineer 5	Analyze user needs to determine IT functional and cross-functional requirements. Performs functional allocation to identify required IT tasks and their interrelationships. Applies business process improvement practices to re-engineer methodologies/principles and business process modernization projects. Applies, as appropriate, activity and data modeling, transaction flow analysis, internal control and risk analysis and modern business methods and performance measurement techniques. Assist in establishing information assurance standards for information systems procedures. Develops and applies organization-wide information models for use in designing and building integrated, shared software and database management systems. Constructs sound and logical improvement opportunities consistent with corporate Information Assurance Management guiding principles, cost savings, and open system architecture objectives. May function as team leader for less experienced network engineers.	10	BS
73	54151S	IT Network Engineer 6	Expert analysis of IT user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Applies business process improvement practices to re-engineer methodologies/principles and business process modernization projects. Applies, as appropriate, activity and data modeling, transaction flow analysis, internal control and risk analysis and modern business methods and performance measurement techniques. Assists in establishing information assurance standards for information systems procedures. Develops and applies organization-wide information models for use in designing and building integrated, shared software and database management systems. Constructs sound, logical business improvement opportunities consistent with corporate Information Assurance Management guiding principles, cost savings, and IA open system architecture objectives. Must demonstrate the ability to work independently or under only general direction. Will function as team leader for less experienced network engineers.	15	BS
74	ANCILLARY	Material Handling Assoc 1	In support of IT projects, responsible for the movement and control of material on the production floor and packing area. Responsibilities include the ordering, tracking, distribution, and control of material used in the production process as well as retrieval, kitting, counting, packaging, and disbursement of program materials from central stores in accordance with program schedules and instructions. Additional duties include the packaging of material for stocking of material.	0	HS
75	ANCILLARY	Material Handling Assoc 2	In support of IT projects, manages all materials required for execution of program. Responsibilities include support of contract negotiation and audits; provides supervision of MPC personnel and Material Handlers assigned; acquisition of materials for program and provides all necessary liaison to effectively execute program requirements. Provides planning, scheduling, expediting, status, and accountability for all materials required.	4	HS
76	ANCILLARY	Mfg Planning Spec 1	Represents the production and material planning function on concurrent IT engineering teams. Compiles and monitors monthly production schedules. Creates complex material structures in the material planning tool. Prepares labor and material forecasts as requested.	0	BS

77	ANCILLARY	Mfg Planning Spec 2	Represents the production and material planning function on concurrent IT engineering teams. Compiles and monitors monthly production schedules. Creates complex material structures in the material planning tool. Prepares labor and material forecasts as requested.	2	BS
78	ANCILLARY	Mfg Planning Spec 3	Subject matter expert in IT production planning and material requirements. Develops detailed schedules, production plans and capacity plans. Creates complex bills of material for large programs. Reviews work authorization documents and generates material program plans, coordinates kick-off meetings with functional departments to communicate program goals and objectives. Coordinates the efficient movement of materials with purchasing, production and engineering.	5	BS
79	ANCILLARY	Mfg Planning Spec 4	Subject matter expert in IT production planning and material requirements. Develops detailed schedules, production plans and capacity plans. Creates complex bills of material for large programs. Reviews work authorization documents and generates material program plans, coordinates kick-off meetings with functional departments to communicate program goals and objectives. Coordinates the efficient movement of materials with purchasing, production and engineering.	8	BS
80	ANCILLARY	Multimedia Spec 1	Provides supervision and tasking of other multimedia specialists. Plans, lays out, draws and produces a variety of technical and promotional illustrations for IT publications such as brochures, posters, manuals, handbooks and advertising matter. Prepares charts, graphs, two and three dimensional drawings from rough sketches, models, written or verbal directions and/or engineering drawings.	0	BS
81	ANCILLARY	Multimedia Spec 2	Provides supervision and tasking of other multimedia specialists. Plans, lays out, draws and produces a variety of technical and promotional illustrations for IT publications such as brochures, posters, manuals, handbooks and advertising matter. Prepares charts, graphs, two and three dimensional drawings from rough sketches, models, written or verbal directions and/or engineering drawings.	2	BS
82	ANCILLARY	Multimedia Spec 3	Provides supervision and tasking of other multimedia specialists. Plans, lays out, draws and produces a variety of technical and promotional illustrations for IT publications such as brochures, posters, manuals, handbooks and advertising matter. Prepares charts, graphs, two and three dimensional drawings from rough sketches, models, written or verbal directions and/or engineering drawings.	5	BS
83	ANCILLARY	Multimedia Spec 4	Provides supervision and tasking of other multimedia specialists. Plans, lays out, draws and produces a variety of technical and promotional illustrations for IT publications such as brochures, posters, manuals, handbooks and advertising matter. Prepares charts, graphs, two and three dimensional drawings from rough sketches, models, written or verbal directions and/or engineering drawings.	8	BS
84	ANCILLARY	Multimedia Tech 1	Plans, lays out, draws and produces a variety of technical and promotional illustrations for IT publications such as brochures, posters, manuals, handbooks and advertising matter. Prepares charts, graphs, two and three dimensional drawings from rough sketches, models, written or verbal directions and/or engineering drawings.	1	HS

85	ANCILLARY	Multimedia Tech 2	Plans, lays out, draws and produces a variety of technical and promotional illustrations for IT publications such as brochures, posters, manuals, handbooks and advertising matter. Prepares charts, graphs, two and three dimensional drawings from rough sketches, models, written or verbal directions and/or engineering drawings.	1	AA
86	ANCILLARY	Multimedia Tech 3	Plans, lays out, draws and produces a variety of technical and promotional illustrations for IT publications such as brochures, posters, manuals, handbooks and advertising matter. Prepares charts, graphs, two and three dimensional drawings from rough sketches, models, written or verbal directions and/or engineering drawings.	3	AA
87	ANCILLARY	Multimedia Tech 4	Plans, lays out, draws and produces a variety of technical and promotional illustrations for IT publications such as brochures, posters, manuals, handbooks and advertising matter. Prepares charts, graphs, two and three dimensional drawings from rough sketches, models, written or verbal directions and/or engineering drawings.	5	AA
88	ANCILLARY	Multimedia Tech 5	Plans, lays out, draws and produces a variety of technical and promotional illustrations for IT publications such as brochures, posters, manuals, handbooks and advertising matter. Prepares charts, graphs, two and three dimensional drawings from rough sketches, models, written or verbal directions and/or engineering drawings.	7	AA
89	54151S	Program Manager 1	Responsible for the cost, schedule and technical performance of external company IT program(s). Directs all phases of program(s) from inception through completion. Organizes interdepartmental activities ensuring completion of the program on schedule and within budget constraints. Responsibilities may also include program acquisition as well as management, with a focus on satisfaction of government contractual specifications and requirements. Serves as the primary contact for the customer on matters pertaining to the program.	6	BS
90	54151S	Program Manager 2	Responsible for the cost, schedule and technical performance of external company IT program(s). Directs all phases of program(s) from inception through completion. Organizes interdepartmental activities ensuring completion of the program on schedule and within budget constraints. Responsibilities may also include program acquisition as well as management, with a focus on satisfaction of government contractual specifications and requirements. Serves as the primary contact for the customer on matters pertaining to the program.	8	BS
91	54151S	Program Manager 3	Responsible for the cost, schedule and technical performance of external company IT program(s). Directs all phases of program(s) from inception through completion. Organizes interdepartmental activities ensuring completion of the program on schedule and within budget constraints. Responsibilities may also include program acquisition as well as management, with a focus on satisfaction of government contractual specifications and requirements. Serves as the primary contact for the customer on matters pertaining to the program.	10	BS

92	54151S	Program Manager 4	Responsible for the cost, schedule and technical performance of external company IT program(s). Directs all phases of program(s) from inception through completion. Organizes interdepartmental activities ensuring completion of the program on schedule and within budget constraints. Responsibilities may also include program acquisition as well as management, with a focus on satisfaction of government contractual specifications and requirements. Serves as the primary contact for the customer on matters pertaining to the program.	12	BS
93	54151S	Program Manager 5	Responsible for the cost, schedule and technical performance of external company IT program(s). Directs all phases of program(s) from inception through completion. Organizes interdepartmental activities ensuring completion of the program on schedule and within budget constraints. Responsibilities may also include program acquisition as well as management, with a focus on satisfaction of government contractual specifications and requirements. Serves as the primary contact for the customer on matters pertaining to the program.	15	BS
94	54151S	Program Director	For IT projects, provides top level of management below the Executive Team, usually reporting to a Vice President or a Sr Director. Directs and controls the activities of one or more functional areas, divisions, product groups or service areas through senior managers who have overall responsibility for the successful operation of those assigned areas. Responsible for a line of business with revenues greater than \$100M. Functionals: Solely responsible for multiple areas or disciplines within a function with scope across GDMS and a high level of complexity, business impact and budget responsibility. Expected to make final decisions in conjunction with the Executive Team on business, operational or programmatic matters and ensure effective achievement of objectives.	18	BS
95	ANCILLARY	Quality Assurance Spec 1	Develops, implements, and maintains quality assurance/configuration management programs in support of a variety of software, hardware, and IT services. Establishes standards for life cycle, documentation, development methods, testing, and maintenance. Develops and defines major and minor characteristics of quality/configuration management (including metrics and scoring parameters) and determines requisite quality control/configuration management resources for an actual task order. Conducts or participates in formal and informal reviews at predetermined points throughout the system life cycle. Serves as liaison between Program Management and other functional groups to resolve issues regarding quality assurance/configuration management. Reviews and evaluates software products and services for adherence to government directives, standards, and guidelines. May provide task direction and guidance to less experienced team members.	6	BS

96	ANCILLARY	Quality Assurance Spec 2	<p>Develops, implements, and maintains quality assurance/configuration management programs in support of a variety of software, hardware, and IT services. Establishes standards for life cycle, documentation, development methods, testing, and maintenance. Develops and defines major and minor characteristics of quality/configuration management (including metrics and scoring parameters) and determines requisite quality control/configuration management resources for an actual task order. Conducts or participates in formal and informal reviews at predetermined points throughout the system life cycle. Serves as liaison between Program Management and other functional groups to resolve issues regarding quality assurance/configuration management. Reviews and evaluates software products and services for adherence to government directives, standards, and guidelines. May provide task direction and guidance to less experienced team members.</p>	6	BS
97	ANCILLARY	Quality Assurance Spec 3	<p>Develops, implements, and maintains quality assurance in support of a variety of software, hardware, and IT services. Establishes standards for life cycle, documentation, development methods, testing, and maintenance. Develops and defines major and minor characteristics of quality/configuration management (including metrics and scoring parameters) and determines requisite quality control/configuration management resources for an actual task order. Conducts or participates in formal and informal reviews at predetermined points throughout the system life cycle. Serves as liaison between Program Management and other functional groups to resolve issues regarding quality assurance. Reviews and evaluates software products and services for adherence to government directives, standards, and guidelines. May provide daily supervision and direction to support staff.</p>	9	BS
98	ANCILLARY	Quality Assurance Spec 4	<p>Develops, implements, and maintains quality assurance in support of a variety of software, hardware, and IT services. Establishes standards for life cycle, documentation, development methods, testing, and maintenance. Develops and defines major and minor characteristics of quality/configuration management (including metrics and scoring parameters) and determines requisite quality control/configuration management resources for an actual task order. Conducts or participates in formal and informal reviews at predetermined points throughout the system life cycle. Serves as liaison between Program Management and other functional groups to resolve issues regarding quality assurance. Reviews and evaluates software products and services for adherence to government directives, standards, and guidelines. May provide daily supervision and direction to support staff.</p>	15	BS

99	54151S	Software Engineer 1	Conducts or participates in the research, design and development of systems software, software applications and/or tools for new IT programs and subprograms as well as enhancements, modifications and corrections to existing software. Codes, tests, integrates and documents software solutions. May also design, develop and implement database, Internet/Web-based applications, personal computer/client server support, systems programming, applications design and development, database design and administration, telecommunications and network support and administration to accommodate a variety of user needs. Analyzes and determines informational needs and elements, data relationships and attributes, proposed manipulation, data flow and storage requirements and data output and reporting capabilities.	0	BS
100	54151S	Software Engineer 2	Conducts or participates in the research, design and development of systems software, software applications and/or tools for new IT programs and subprograms as well as enhancements, modifications and corrections to existing software. Codes, tests, integrates and documents software solutions. May also design, develop and implement database, Internet/Web-based applications, personal computer/client server support, systems programming, applications design and development, database design and administration, telecommunications and network support and administration to accommodate a variety of user needs. Analyzes and determines informational needs and elements, data relationships and attributes, proposed manipulation, data flow and storage requirements and data output and reporting capabilities.	1	BS
101	54151S	Software Engineer 3	Conducts or participates in the research, design and development of systems software, software applications and/or tools for IT new programs and subprograms as well as enhancements, modifications and corrections to existing software. Codes, tests, integrates and documents software solutions. May also design, develop and implement database, Internet/Web-based applications, personal computer/client server support, systems programming, applications design and development, database design and administration, telecommunications and network support and administration to accommodate a variety of user needs. Analyzes and determines informational needs and elements, data relationships and attributes, proposed manipulation, data flow and storage requirements and data output and reporting capabilities.	2	BS
102	54151S	Software Engineer 4	Conducts or participates in the research, design and development of systems software, software applications and/or tools for new IT programs and subprograms as well as enhancements, modifications and corrections to existing software. Codes, tests, integrates and documents software solutions. May also design, develop and implement database, Internet/Web-based applications, personal computer/client server support, systems programming, applications design and development, database design and administration, telecommunications and network support and administration to accommodate a variety of user needs. Analyzes and determines informational needs and elements, data relationships and attributes, proposed manipulation, data flow and storage requirements and data output and reporting capabilities.	3	BS

103	54151S	Software Engineer 5	Conducts or participates in the research, design and development of systems software, software applications and/or tools for new IT programs and subprograms as well as enhancements, modifications and corrections to existing software. Codes, tests, integrates and documents software solutions. May also design, develop and implement database, Internet/Web-based applications, personal computer/client server support, systems programming, applications design and development, database design and administration, telecommunications and network support and administration to accommodate a variety of user needs. Analyzes and determines informational needs and elements, data relationships and attributes, proposed manipulation, data flow and storage requirements and data output and reporting capabilities.	6	BS
104	54151S	Software Engineer 6	Conducts or participates in the research, design and development of systems software, software applications and/or tools for new IT programs and subprograms as well as enhancements, modifications and corrections to existing software. Codes, tests, integrates and documents software solutions. May also design, develop and implement database, Internet/Web-based applications, personal computer/client server support, systems programming, applications design and development, database design and administration, telecommunications and network support and administration to accommodate a variety of user needs. Analyzes and determines informational needs and elements, data relationships and attributes, proposed manipulation, data flow and storage requirements and data output and reporting capabilities.	10	BS
105	54151S	Software Engineer 7	Conducts or participates in the research, design and development of systems software, software applications and/or tools for new IT programs and subprograms as well as enhancements, modifications and corrections to existing software. Codes, tests, integrates and documents software solutions. May also design, develop and implement database, Internet/Web-based applications, personal computer/client server support, systems programming, applications design and development, database design and administration, telecommunications and network support and administration to accommodate a variety of user needs. Analyzes and determines informational needs and elements, data relationships and attributes, proposed manipulation, data flow and storage requirements and data output and reporting capabilities.	12	BS
106	54151S	Software Engineer 8	Conducts or participates in the research, design and development of systems software, software applications and/or tools for new IT programs and subprograms as well as enhancements, modifications and corrections to existing software. Codes, tests, integrates and documents software solutions. May also design, develop and implement database, Internet/Web-based applications, personal computer/client server support, systems programming, applications design and development, database design and administration, telecommunications and network support and administration to accommodate a variety of user needs. Analyzes and determines informational needs and elements, data relationships and attributes, proposed manipulation, data flow and storage requirements and data output and reporting capabilities.	15	BS

107	ANCILLARY	Stock/Receiving Assoc	Performs the physical or administrative tasks involved in the shipping, receiving, storing, distributing and order fulfillment of materials, parts, supplies, and IT equipment. Responsibilities include but are not limited to, assuring customer orders are documented, entered into the proper systems and processed to the warehouse for order fulfillment. Assists with the warehouse with issues regarding delivery of equipment, receipt, stores, pick, pack, and ship activities. Is directly responsible for the documentation and control of leased equipment and equipment in-house for repair/refurbishment. Assists the warehouse in the management of COMSEC equipment.	4	HS
108	54151S	Subject Matter Expert 1	Exhibits an exceptional degree of knowledge specific to the pertinent subject matter. Advises and/or applies highly advanced IT technologies, scientific principles, theories and concepts. Viewed as expert within the field. Develops information which extends knowledge in a given field. Information may form the basis of newly developed concepts, theories, and products. Often acts independently to uncover and resolve issues associated with the development and implementation of operational programs. Work is checked only to the effectiveness of results obtained, typically requiring a long-term perspective. Virtually self-supervisory.	15	BS
109	54151S	Subject Matter Expert 2	Exhibits an exceptional degree of knowledge specific to the pertinent subject matter. Advises and/or applies highly advanced IT technologies, scientific principles, theories and concepts. Viewed as expert within the field. Develops information which extends knowledge in a given field. Information may form the basis of newly developed concepts, theories, and products. Often acts independently to uncover and resolve issues associated with the development and implementation of operational programs. Work is checked only to the effectiveness of results obtained, typically requiring a long-term perspective. Virtually self-supervisory.	15	BS
110	54151S	Subject Matter Expert 3	Exhibits an exceptional degree of knowledge specific to the pertinent subject matter. Advises and/or applies highly advanced IT technologies, scientific principles, theories and concepts. Viewed as expert within the field. Develops information which extends knowledge in a given field. Information may form the basis of newly developed concepts, theories, and products. Often acts independently to uncover and resolve issues associated with the development and implementation of operational programs. Work is checked only to the effectiveness of results obtained, typically requiring a long-term perspective. Virtually self-supervisory.	15	BS
111	54151S	Subject Matter Expert 4	Exhibits an exceptional degree of knowledge specific to the pertinent subject matter. Advises and/or applies highly advanced IT technologies, scientific principles, theories and concepts. Viewed as expert within the field. Develops information which extends knowledge in a given field. Information may form the basis of newly developed concepts, theories, and products. Often acts independently to uncover and resolve issues associated with the development and implementation of operational programs. Work is checked only to the effectiveness of results obtained, typically requiring a long-term perspective. Virtually self-supervisory. Influence spans technical and business perspective. Enables the shaping of opportunities, helps influence external customers and is recognized by both customers and the external technical community as the subject matter expert. Is the thought leader in this market space.	16	BS

112	54151S	Subject Matter Expert 5	<p>Possesses expert skills or is recognized as SME in this role. Exhibits an exceptional degree of ingenuity, creativity, and resourcefulness. Applies and/or develops advanced IT concepts, techniques, and standards. Develops new applications based on professional/technical principles and theories. Has demonstrated ability to integrate complex technologies to resolve critical issues. Exercises wide latitude in determining objectives and approaches to critical assignments. Mentors midlevel and junior staff and may provide performance feedback. Provides frontline customer interface to address customer needs. Represents both customer and organizational interests. Directs technical teams on complex developmental engineering jobs. Able to integrate complex technologies particularly when there is significant technical or schedule delivery risk.</p> <p>Contributes to shaping strategically critical and/or large scale opportunities or franchises. Able to effectively manage dynamic and potentially contentious customer/end user relationships from a technical perspective. Serves as a spokesperson for the company.</p>	18	BS
113	54151S	Systems Analyst 1	<p>Under general supervision, analyzes and evaluates IT hardware and software solutions to meet the user's systems analysis and/or systems integration requirements. Coordinates with user to identify data availability, report requirements, and systems design problems. Defines system objectives and prepares system design specifications to meet user requirements and to satisfy interface problems. Assists with preparation of status reports and presentations.</p>	2	BS
114	54151S	Systems Analyst 2	<p>Under general supervision, analyzes and evaluates IT hardware and software solutions to meet the user's systems analysis and/or systems integration requirements. Coordinates with user to identify data availability, report requirements, and systems design problems. Defines system objectives and prepares system design specifications to meet user requirements and to satisfy interface problems. Assists with preparation of status reports and presentations.</p>	2	BS
115	54151S	Systems Analyst 3	<p>Analyzes, develops, tests, and/or modifies IT hardware and software solutions to meet the user's systems analysis and/or systems integration requirements. Coordinates with user to identify data availability, report requirements, and systems design problems. Defines system objectives and prepares system design specifications to meet user requirements and to satisfy interface problems. Reviews work products for correctness, adherence to the design concept and user standards, and progress in accordance with schedules. Prepares status reports and presentations on task performance to clients. May provide direction to lower level staff.</p>	3	BS
116	54151S	Systems Analyst 4	<p>Analyzes, develops, tests, and/or modifies IT hardware and software solutions to meet the user's systems analysis and/or systems integration requirements. Coordinates with user to identify data availability, report requirements, and systems design problems. Defines system objectives and prepares system design specifications to meet user requirements and to satisfy interface problems. Reviews work products for correctness, adherence to the design concept and user standards, and progress in accordance with schedules. Prepares status reports and presentations on task performance to clients. May provide direction to lower level staff.</p>	6	BS

117	54151S	Systems Analyst 5	Analyzes, develops, tests, and/or modifies IT hardware and software solutions to meet the user's systems analysis and/or systems integration requirements. Coordinates with user to identify data availability, report requirements, and systems design problems. Defines system objectives and prepares system design specifications to meet user requirements and to satisfy interface problems. Reviews work products for correctness, adherence to the design concept and user standards, and progress in accordance with schedules. Prepares status reports and presentations on task performance to clients. May provide direction to lower level staff.	10	BS
118	54151S	Systems Architect 1	Assists more experienced IT systems architects in designing architectures that include software, hardware, and communications solutions to support IT requirements, as well as provide for present and future cross-functional requirements and interfaces. Assists in evaluating problems of workflow, organization, and planning and develops appropriate corrective action.	0	BS
119	54151S	Systems Architect 2	Designs architectures that include software, hardware, and communications solutions to support IT requirements, as well as provide for present and future cross-functional requirements and interfaces. Ensures architectures are in compliance with open systems standards as they apply to the client's environment. Evaluates compatibility of information system development efforts with agency architectures and recommends adjustments, as appropriate. Evaluates problems of workflow, organization, and planning and develops appropriate corrective action. May function as team leader for less experienced systems architects. (May include technical knowledge of workflow processes, document management systems, document imaging software, network requirements, and imaging hardware.)	2	BS
120	54151S	Systems Architect 3	Designs architectures that include software, hardware, and communications solutions to support IT requirements, as well as provide for present and future cross-functional requirements and interfaces. Ensures architectures are in compliance with open systems standards as they apply to the client's environment. Evaluates compatibility of information system development efforts with agency architectures and recommends adjustments, as appropriate. Evaluates problems of workflow, organization, and planning and develops appropriate corrective action. May function as team leader for less experienced systems architects. (May include technical knowledge of workflow processes, document management systems, document imaging software, network requirements, and imaging hardware.)	5	BS
121	54151S	Systems Architect 4	Designs architectures that include software, hardware, and communications solutions to support IT requirements, as well as provide for present and future cross-functional requirements and interfaces. Ensures architectures are in compliance with open systems standards as they apply to the client's environment. Evaluates compatibility of information system development efforts with agency architectures and recommends adjustments, as appropriate. Evaluates problems of workflow, organization, and planning and develops appropriate corrective action. May provide guidance and direction to less experienced systems architects. (May include technical knowledge of workflow processes, document management systems, document imaging software, network requirements, and imaging hardware.)	8	BS

122	54151S	Systems Architect 5	Establishes information requirements, using analytical methods, for enterprise-wide or large-scale IT systems. Designs architectures that include software, hardware, and communications solutions to support the total requirements, as well as provide for present and future cross- functional requirements and interfaces. Ensures architectures are in compliance with open systems standards as they apply to the client's environment. Evaluates compatibility of information system development efforts with agency architectures and recommends adjustments, as appropriate. Evaluates analytically and systematically problems of workflow, organization, and planning and develops appropriate corrective action. May provide consulting support on complex tasks and daily supervision and direction to staff. (May include technical knowledge of workflow processes, document management systems, document imaging software, network requirements, and imaging hardware.) May provide guidance and technical supervision to more junior architects.	10	BS
123	54151S	Systems Engineer 1	Assists more experienced systems architects in designing architectures that include software, hardware, and communications solutions to support IT requirements, as well as provide for present and future cross-functional requirements and interfaces. Assists in evaluating problems of workflow, organization, and planning and develops appropriate corrective action	2	BS
124	54151S	Systems Engineer 2	Designs systems and architectures that include software, hardware, and communications solutions to support IT requirements, as well as provide for present and future cross- functional requirements and interfaces. Ensures architectures are in compliance with open systems standards as they apply to the client's environment. Evaluates compatibility of information system development efforts with agency architectures and recommends adjustments, as appropriate. Evaluates problems of workflow, organization, and planning and develops appropriate corrective action. May function as team leader for less experienced systems architects. (May include technical knowledge of workflow processes, document management systems, document imaging software, network requirements, and imaging hardware.)	4	BS
125	54151S	Systems Engineer 3	Designs systems and architectures that include software, hardware, and communications solutions to support IT requirements, as well as provide for present and future cross- functional requirements and interfaces. Ensures architectures are in compliance with open systems standards as they apply to the client's environment. Evaluates compatibility of information system development efforts with agency architectures and recommends adjustments, as appropriate. Evaluates problems of workflow, organization, and planning and develops appropriate corrective action. May provide guidance and direction to less experienced systems architects. (May include technical knowledge of workflow processes, document management systems, document imaging software, network requirements, and imaging hardware.)	8	BS

126	54151S	Systems Engineer 4	Establishes information requirements, using analytical methods, for enterprise-wide or large-scale IT systems. Designs systems and architectures that include software, hardware, and communications solutions to support the total requirements, as well as provide for present and future cross-functional requirements and interfaces. Ensures architectures are in compliance with open systems standards as they apply to the client's environment. Evaluates compatibility of information system development efforts with agency architectures and recommends adjustments, as appropriate. Evaluates analytically and systematically problems of workflow, organization, and planning and develops appropriate corrective action. May provide consulting support on complex tasks and daily supervision and direction to staff. (May include technical knowledge of workflow processes, document management systems, document imaging software, network requirements, and imaging hardware.)	10	BS
127	54151S	Systems Engineer 5	Establishes information requirements, using analytical methods, for enterprise-wide or large-scale IT systems. Designs systems and architectures that include software, hardware, and communications solutions to support the total requirements, as well as provide for present and future cross-functional requirements and interfaces. Ensures architectures are in compliance with open systems standards as they apply to the client's environment. Evaluates compatibility of information system development efforts with agency architectures and recommends adjustments, as appropriate. Evaluates analytically and systematically problems of workflow, organization, and planning and develops appropriate corrective action. May provide consulting support on complex tasks and daily supervision and direction to staff. (May include technical knowledge of workflow processes, document management systems, document imaging software, network requirements, and imaging hardware.)	12	BS
128	54151S	Systems Engineer 6	Establishes information requirements, using analytical methods, for enterprise-wide or large-scale IT systems. Designs systems and architectures that include software, hardware, and communications solutions to support the total requirements, as well as provide for present and future cross-functional requirements and interfaces. Ensures architectures are in compliance with open systems standards as they apply to the client's environment. Evaluates compatibility of information system development efforts with agency architectures and recommends adjustments, as appropriate. Evaluates analytically and systematically problems of workflow, organization, and planning and develops appropriate corrective action. May provide consulting support on complex tasks and daily supervision and direction to staff. (May include technical knowledge of workflow processes, document management systems, document imaging software, network requirements, and imaging hardware.)	15	BS
129	54151S	Tech Training Spec 1	For IT projects, conducts research necessary to develop, revise, or select training courses. Prepares training catalogs. Develops instructor materials, such as course outlying, background material, and training aids. Develops student materials, such as course manuals, workbooks, handouts, completion certificates, and course critique forms. Conducts formal classroom courses, workshops, seminars, and computer- based training.	0	BS

130	54151S	Tech Training Spec 2	For IT projects, conducts research necessary to develop, revise, or select training courses. Prepares training catalogs. Develops instructor materials, such as course outlining, background material, and training aids. Develops student materials, such as course manuals, workbooks, handouts, completion certificates, and course critique forms. Conducts formal classroom courses, workshops, seminars, and computer- based training.	2	BS
131	54151S	Tech Training Spec 3	For IT projects, serves as instructor in delivering training programs where the subject matter or process is moderately complex in nature. Conducts research necessary to develop, revise, or select training courses. Prepares training catalogs. Develops instructor materials, such as course outlines, background material, and training aids. Develops student materials, such as course manuals, workbooks, handouts, completion certificates, and course critique forms. Conducts formal classroom courses, workshops, seminars, and computer- based training.	3	BS
132	54151S	Tech Training Spec 4	For IT projects, serves as senior instructor in delivering training/development programs where the subject matter or process is complex in nature. Conducts research necessary to develop, revise, or select training/development courses. Prepares training catalogs. Develops instructor materials, such as course outlines, background material, and training/development aids. Develops student materials, such as course manuals, workbooks, handouts, completion certificates, and course critique forms. Conducts formal classroom courses, workshops, seminars, and computer-based training. May formulate and provide overall direction for training/development activities within a program. Coordinates for additional functional analysts (subject matter experts) to participate in training/development as needed. Must have excellent verbal and written communications skills. May provide task direction to less experienced trainers.	8	BS
133	ANCILLARY	Technical Writer 1	Plans, organizes, writes, edits and formats IT technical manuals and other related publications concerned with the operation and maintenance of systems delivered by the organization. Acquires and organizes basic source material including applicable specifications, engineering write-ups and drawing packages. Interfaces with engineering staff to research and interpret engineering schematics, technical design specifications, interface designs, design diagrams and test.	0	BS
134	ANCILLARY	Technical Writer 2	Plans, organizes, writes, edits and formats IT technical manuals and other related publications concerned with the operation and maintenance of systems delivered by the organization. Acquires and organizes basic source material including applicable specifications, engineering write-ups and drawing packages. Interfaces with engineering staff to research and interpret engineering schematics, technical design specifications, interface designs, design diagrams and test.	2	BS
135	ANCILLARY	Technical Writer 3	Plans, organizes, writes, edits and formats IT technical manuals and other related publications concerned with the operation and maintenance of systems delivered by the organization. Acquires and organizes basic source material including applicable specifications, engineering write-ups and drawing packages. Interfaces with engineering staff to research and interpret engineering schematics, technical design specifications, interface designs, design diagrams and test.	5	BS

136	ANCILLARY	Technical Writer 4	Plans, organizes, writes, edits and formats IT technical manuals and other related publications concerned with the operation and maintenance of systems delivered by the organization. Acquires and organizes basic source material including applicable specifications, engineering write-ups and drawing packages. Interfaces with engineering staff to research and interpret engineering schematics, technical design specifications, interface designs, design diagrams and test.	8	BS
137	ANCILLARY	Technical Writer 5	Plans, organizes, writes, edits and formats IT technical manuals and other related publications concerned with the operation and maintenance of systems delivered by the organization. Acquires and organizes basic source material including applicable specifications, engineering write-ups and drawing packages. Interfaces with engineering staff to research and interpret engineering schematics, technical design specifications, interface designs, design diagrams and test.	15	BS
138	ANCILLARY	Technical Writing Assoc	Plans, organizes, writes, edits and formats IT technical manuals and other related publications concerned with the operation and maintenance of systems delivered by the organization. Acquires and organizes basic source material including applicable specifications, engineering write-ups and drawing packages. Interfaces with engineering staff to research and interpret engineering schematics, technical design specifications, interface designs, design diagrams and test.	3	AA
139	ANCILLARY	Training Manager 1	Serves as lead instructor in delivering IT training/development programs where the subject matter or process is complex in nature. Conducts research necessary to develop, revise, or select training/development courses. Prepares training catalogs. Develops instructor materials, such as course outlines, background material, and training/development aids. Develops student materials, such as course manuals, workbooks, handouts, completion certificates, and course critique forms. Conducts formal classroom courses, workshops, seminars, and computer-based training. May formulate and provide overall direction for training/development activities within a program. Coordinates for additional functional analysts (subject matter experts) to participate in training/development as needed. Must have excellent verbal and written communications skills. May provide task direction to less experienced trainers.	6	BS
140	ANCILLARY	Training Manager 2	Serves as lead instructor in delivering IT training/development programs where the subject matter or process is complex in nature. Conducts research necessary to develop, revise, or select training/development courses. Prepares training catalogs. Develops instructor materials, such as course outlines, background material, and training/development aids. Develops student materials, such as course manuals, workbooks, handouts, completion certificates, and course critique forms. Conducts formal classroom courses, workshops, seminars, and computer-based training. May formulate and provide overall direction for training/development activities within a program. Coordinates for additional functional analysts (subject matter experts) to participate in training/development as needed. Must have excellent verbal and written communications skills. May provide task direction to less experienced trainers.	9	BS

141	ANCILLARY	Training Manager 3	Serves as lead instructor in delivering IT training/development programs where the subject matter or process is complex in nature. Conducts research necessary to develop, revise, or select training/development courses. Prepares training catalogs. Develops instructor materials, such as course outlines, background material, and training/development aids. Develops student materials, such as course manuals, workbooks, handouts, completion certificates, and course critique forms. Conducts formal classroom courses, workshops, seminars, and computer-based training. May formulate and provide overall direction for training/development activities within a program. Coordinates for additional functional analysts (subject matter experts) to participate in training/development as needed. Must have excellent verbal and written communications skills. May provide task direction to less experienced trainers.	12	BS
142	54151S	Usability Spec 1	Assist to create, evaluate, and modify prototypes, user personas, operational scenarios, and process maps to support IT product and system development, with emphasis on operational context, interaction, physical manipulation, and task analysis. Develops product/system design concepts and implementation specifications, providing context on safety and/or usability considerations.	0	BS
143	54151S	Usability Spec 2	Assist to create, evaluate, and modify prototypes, user personas, operational scenarios, and process maps to support IT product and system development, with emphasis on operational context, interaction, physical manipulation, and task analysis. Develops product/system design concepts and implementation specifications, providing context on safety and/or usability considerations.	2	BS
144	54151S	Usability Spec 3	Creates, evaluates, and modifies prototypes, user personas, operational scenarios, and process maps to support IT product and system development, with emphasis on operational context, interaction, physical manipulation, and task analysis. Develops product/system design concepts and implementation specifications, providing context on safety and/or usability considerations.	5	BS
145	54151S	Usability Spec 4	Creates, evaluates, and modifies prototypes, user personas, operational scenarios, and process maps to support IT product and system development, with emphasis on operational context, interaction, physical manipulation, and task analysis. Develops product/system design concepts and implementation specifications, providing context on safety and/or usability considerations.	8	BS
146	54151S	Usability Spec 5	Provides chief-level vision and direction to the development of multiple IT products/systems. Creates, evaluates, and modifies prototypes, user personas, operational scenarios, and process maps to support product and system development, with emphasis on operational context, interaction, physical manipulation, and task analysis. Develops product/system design concepts and implementation specifications, providing context on safety and/or usability considerations.	10	BS

GSA RATES AT CUSTOMER SITE

SIN 54151S – Professional Services

SIN ANCILLARY – Ancillary Supplies and/or Services

NOTE REGARDING SIN ANCILLARY: Non-professional labor categories must be incidental to, and used solely to support professional services, and cannot be purchased separately.

Count	SIN(s) 54151S and ANCILLARY	Labor Category	GSA RATE Customer Site 1/1/18 - 12/31/18	GSA RATE Customer Site 1/1/19 - 12/31/19	GSA RATE Customer Site 1/1/20 - 12/31/20	GSA RATE Customer Site 1/1/21 - 12/31/21	GSA RATE Customer Site 1/1/22 - 10/27/22
1	ANCILLARY	Business Admin Assoc 1	\$52.68	\$54.26	\$55.89	\$57.56	\$59.29
2	ANCILLARY	Business Admin Assoc 2	\$59.73	\$61.52	\$63.37	\$65.27	\$67.23
3	ANCILLARY	Business Admin Assoc 3	\$75.15	\$77.40	\$79.73	\$82.12	\$84.58
4	54151S	Business Ops Spec 1	\$98.98	\$101.95	\$105.01	\$108.16	\$111.40
5	54151S	Business Ops Spec 2	\$117.85	\$121.39	\$125.03	\$128.78	\$132.64
6	54151S	CAD Drafting Tech 1	\$54.69	\$56.33	\$58.02	\$59.76	\$61.55
7	54151S	CAD Drafting Tech 2	\$84.34	\$86.87	\$89.48	\$92.16	\$94.93
8	54151S	CAD Drafting Tech 3	\$119.99	\$123.59	\$127.30	\$131.12	\$135.05
9	54151S	CAD Engineer 1	\$127.98	\$131.82	\$135.77	\$139.85	\$144.04
10	54151S	CAD Engineer 2	\$164.43	\$169.36	\$174.44	\$179.68	\$185.07
11	54151S	CAD Engineer 3	\$202.95	\$209.04	\$215.31	\$221.77	\$228.42
12	54151S	Communications Engineer 1	\$95.44	\$98.30	\$101.25	\$104.29	\$107.42
13	54151S	Communications Engineer 2	\$111.01	\$114.34	\$117.77	\$121.30	\$124.94
14	54151S	Communications Engineer 3	\$127.98	\$131.82	\$135.77	\$139.85	\$144.04
15	54151S	Communications Engineer 4	\$164.43	\$169.36	\$174.44	\$179.68	\$185.07
16	54151S	Communications Engineer 5	\$202.95	\$209.04	\$215.31	\$221.77	\$228.42
17	54151S	Computer Forensics Spec 1	\$95.44	\$98.30	\$101.25	\$104.29	\$107.42
18	54151S	Computer Forensics Spec 2	\$111.01	\$114.34	\$117.77	\$121.30	\$124.94
19	54151S	Computer Forensics Spec 3	\$127.98	\$131.82	\$135.77	\$139.85	\$144.04
20	54151S	Computer Forensics Spec 4	\$164.43	\$169.36	\$174.44	\$179.68	\$185.07
21	54151S	Computer Forensics Spec 5	\$202.95	\$209.04	\$215.31	\$221.77	\$228.42
22	54151S	Configuration Mgt Assoc 1	\$67.64	\$69.67	\$71.76	\$73.91	\$76.13
23	54151S	Configuration Mgt Assoc 2	\$80.51	\$82.93	\$85.41	\$87.98	\$90.61
24	54151S	Configuration Mgt Assoc 3	\$126.06	\$129.84	\$133.74	\$137.75	\$141.88
25	54151S	Configuration Mgt Assoc 4	\$144.14	\$148.46	\$152.92	\$157.51	\$162.23
26	54151S	Configuration Mgt Assoc 5	\$151.24	\$155.78	\$160.45	\$165.26	\$170.22
27	54151S	Database Administrator 1	\$95.44	\$98.30	\$101.25	\$104.29	\$107.42
28	54151S	Database Administrator 2	\$111.01	\$114.34	\$117.77	\$121.30	\$124.94
29	54151S	Database Administrator 3	\$127.98	\$131.82	\$135.77	\$139.85	\$144.04
30	54151S	Database Administrator 4	\$164.43	\$169.36	\$174.44	\$179.68	\$185.07
31	54151S	Database Administrator 5	\$202.95	\$209.04	\$215.31	\$221.77	\$228.42
32	54151S	Eng Technical Manager 1	\$149.58	\$154.07	\$158.69	\$163.45	\$168.35
33	54151S	Eng Technical Manager 2	\$183.34	\$188.84	\$194.51	\$200.34	\$206.35
34	54151S	Eng Technical Manager 3	\$207.34	\$213.56	\$219.97	\$226.57	\$233.36
35	ANCILLARY	Engineering Technician 1	\$46.64	\$48.04	\$49.48	\$50.96	\$52.49
36	54151S	Engineering Technician 2	\$54.69	\$56.33	\$58.02	\$59.76	\$61.55

37	54151S	Engineering Technician 3	\$64.67	\$66.61	\$68.61	\$70.67	\$72.79
38	54151S	Engineering Technician 4	\$85.68	\$88.25	\$90.90	\$93.62	\$96.43
39	54151S	Engineering Technician 5	\$119.99	\$123.59	\$127.30	\$131.12	\$135.05
40	54151S	Enterprise Support 1	\$98.98	\$101.95	\$105.01	\$108.16	\$111.40
41	54151S	Enterprise Support 2	\$117.85	\$121.39	\$125.03	\$128.78	\$132.64
42	54151S	Enterprise Support 3	\$130.34	\$134.25	\$138.28	\$142.43	\$146.70
43	54151S	Enterprise Support 4	\$164.78	\$169.72	\$174.82	\$180.06	\$185.46
44	54151S	Enterprise Support 5	\$197.08	\$202.99	\$209.08	\$215.35	\$221.82
45	ANCILLARY	Govt Property Supv	\$104.00	\$107.12	\$110.33	\$113.64	\$117.05
46	54151S	Hardware Engineer 1	\$95.44	\$98.30	\$101.25	\$104.29	\$107.42
47	54151S	Hardware Engineer 2	\$111.01	\$114.34	\$117.77	\$121.30	\$124.94
48	54151S	Hardware Engineer 3	\$127.98	\$131.82	\$135.77	\$139.85	\$144.04
49	54151S	Hardware Engineer 4	\$164.43	\$169.36	\$174.44	\$179.68	\$185.07
50	54151S	Hardware Engineer 5	\$202.95	\$209.04	\$215.31	\$221.77	\$228.42
51	54151S	IA Engineer 1	\$101.27	\$104.31	\$107.44	\$110.66	\$113.98
52	54151S	IA Engineer 2	\$123.22	\$126.92	\$130.72	\$134.65	\$138.69
53	54151S	IA Engineer 3	\$151.24	\$155.78	\$160.45	\$165.26	\$170.22
54	54151S	IA Engineer 4	\$182.73	\$188.21	\$193.86	\$199.67	\$205.66
55	54151S	IA Engineer 5	\$202.95	\$209.04	\$215.31	\$221.77	\$228.42
56	54151S	IA Technologist 1	\$111.01	\$114.34	\$117.77	\$121.30	\$124.94
57	54151S	IA Technologist 2	\$164.43	\$169.36	\$174.44	\$179.68	\$185.07
58	54151S	IA Technologist 3	\$231.10	\$238.03	\$245.17	\$252.53	\$260.11
59	54151S	IA Technologist 4	\$244.69	\$252.03	\$259.59	\$267.38	\$275.40
60	54151S	ILS Specialist 1	\$111.01	\$114.34	\$117.77	\$121.30	\$124.94
61	54151S	ILS Specialist 2	\$127.98	\$131.82	\$135.77	\$139.85	\$144.04
62	54151S	ILS Specialist 3	\$164.43	\$169.36	\$174.44	\$179.68	\$185.07
63	54151S	ILS Specialist 4	\$202.95	\$209.04	\$215.31	\$221.77	\$228.42
64	54151S	ILS Senior Manager	\$207.34	\$213.56	\$219.97	\$226.57	\$233.36
65	54151S	IT Customer Spt Technician 1	\$54.69	\$56.33	\$58.02	\$59.76	\$61.55
66	54151S	IT Customer Spt Technician 2	\$64.67	\$66.61	\$68.61	\$70.67	\$72.79
67	54151S	IT Customer Spt Technician 3	\$85.68	\$88.25	\$90.90	\$93.62	\$96.43
68	54151S	IT Network Engineer 1	\$95.44	\$98.30	\$101.25	\$104.29	\$107.42
69	54151S	IT Network Engineer 2	\$111.01	\$114.34	\$117.77	\$121.30	\$124.94
70	54151S	IT Network Engineer 3	\$127.98	\$131.82	\$135.77	\$139.85	\$144.04
71	54151S	IT Network Engineer 4	\$164.43	\$169.36	\$174.44	\$179.68	\$185.07
72	54151S	IT Network Engineer 5	\$231.10	\$238.03	\$245.17	\$252.53	\$260.11
73	54151S	IT Network Engineer 6	\$244.69	\$252.03	\$259.59	\$267.38	\$275.40
74	ANCILLARY	Material Handling Assoc 1	\$37.45	\$38.57	\$39.73	\$40.92	\$42.15
75	ANCILLARY	Material Handling Assoc 2	\$75.91	\$78.19	\$80.53	\$82.95	\$85.44
76	ANCILLARY	Mfg Planning Spec 1	\$63.31	\$65.21	\$67.17	\$69.18	\$71.26
77	ANCILLARY	Mfg Planning Spec 2	\$85.06	\$87.61	\$90.24	\$92.95	\$95.74
78	ANCILLARY	Mfg Planning Spec 3	\$91.92	\$94.68	\$97.52	\$100.44	\$103.46
79	ANCILLARY	Mfg Planning Spec 4	\$119.31	\$122.89	\$126.58	\$130.37	\$134.28
80	ANCILLARY	Multimedia Spec 1	\$63.31	\$65.21	\$67.17	\$69.18	\$71.26
81	ANCILLARY	Multimedia Spec 2	\$76.53	\$78.83	\$81.19	\$83.63	\$86.14

82	ANCILLARY	Multimedia Spec 3	\$95.86	\$98.74	\$101.70	\$104.75	\$107.89
83	ANCILLARY	Multimedia Spec 4	\$126.34	\$130.13	\$134.03	\$138.06	\$142.20
84	ANCILLARY	Multimedia Tech 1	\$46.64	\$48.04	\$49.48	\$50.96	\$52.49
85	ANCILLARY	Multimedia Tech 2	\$54.69	\$56.33	\$58.02	\$59.76	\$61.55
86	ANCILLARY	Multimedia Tech 3	\$64.67	\$66.61	\$68.61	\$70.67	\$72.79
87	ANCILLARY	Multimedia Tech 4	\$85.68	\$88.25	\$90.90	\$93.62	\$96.43
88	ANCILLARY	Multimedia Tech 5	\$119.99	\$123.59	\$127.30	\$131.12	\$135.05
89	54151S	Program Manager 1	\$178.02	\$183.36	\$188.86	\$194.53	\$200.36
90	54151S	Program Manager 2	\$186.98	\$192.59	\$198.37	\$204.32	\$210.45
91	54151S	Program Manager 3	\$222.20	\$228.87	\$235.73	\$242.80	\$250.09
92	54151S	Program Manager 4	\$233.32	\$240.32	\$247.53	\$254.96	\$262.60
93	54151S	Program Manager 5	\$255.66	\$263.33	\$271.23	\$279.37	\$287.75
94	54151S	Program Director	\$285.84	\$294.42	\$303.25	\$312.35	\$321.72
95	ANCILLARY	Quality Assurance Spec 1	\$119.31	\$122.89	\$126.58	\$130.37	\$134.28
96	ANCILLARY	Quality Assurance Spec 2	\$130.97	\$134.90	\$138.95	\$143.11	\$147.41
97	ANCILLARY	Quality Assurance Spec 3	\$164.18	\$169.11	\$174.18	\$179.40	\$184.79
98	ANCILLARY	Quality Assurance Spec 4	\$179.89	\$185.29	\$190.85	\$196.57	\$202.47
99	54151S	Software Engineer 1	\$86.70	\$89.30	\$91.98	\$94.74	\$97.58
100	54151S	Software Engineer 2	\$95.44	\$98.30	\$101.25	\$104.29	\$107.42
101	54151S	Software Engineer 3	\$111.01	\$114.34	\$117.77	\$121.30	\$124.94
102	54151S	Software Engineer 4	\$123.22	\$126.92	\$130.72	\$134.65	\$138.69
103	54151S	Software Engineer 5	\$144.14	\$148.46	\$152.92	\$157.51	\$162.23
104	54151S	Software Engineer 6	\$164.43	\$169.36	\$174.44	\$179.68	\$185.07
105	54151S	Software Engineer 7	\$202.95	\$209.04	\$215.31	\$221.77	\$228.42
106	54151S	Software Engineer 8	\$244.69	\$252.03	\$259.59	\$267.38	\$275.40
107	ANCILLARY	Stock/Receiving Assoc	\$75.91	\$78.19	\$80.53	\$82.95	\$85.44
108	54151S	Subject Matter Expert 1	\$420.68	\$433.30	\$446.30	\$459.69	\$473.48
109	54151S	Subject Matter Expert 2	\$446.97	\$460.38	\$474.19	\$488.42	\$503.07
110	54151S	Subject Matter Expert 3	\$473.27	\$487.47	\$502.09	\$517.15	\$532.67
111	54151S	Subject Matter Expert 4	\$499.56	\$514.55	\$529.98	\$545.88	\$562.26
112	54151S	Subject Matter Expert 5	\$525.85	\$541.63	\$557.87	\$574.61	\$591.85
113	54151S	Systems Analyst 1	\$101.27	\$104.31	\$107.44	\$110.66	\$113.98
114	54151S	Systems Analyst 2	\$120.75	\$124.37	\$128.10	\$131.95	\$135.91
115	54151S	Systems Analyst 3	\$127.98	\$131.82	\$135.77	\$139.85	\$144.04
116	54151S	Systems Analyst 4	\$164.43	\$169.36	\$174.44	\$179.68	\$185.07
117	54151S	Systems Analyst 5	\$202.95	\$209.04	\$215.31	\$221.77	\$228.42
118	54151S	Systems Architect 1	\$95.44	\$98.30	\$101.25	\$104.29	\$107.42
119	54151S	Systems Architect 2	\$111.01	\$114.34	\$117.77	\$121.30	\$124.94
120	54151S	Systems Architect 3	\$127.98	\$131.82	\$135.77	\$139.85	\$144.04
121	54151S	Systems Architect 4	\$164.43	\$169.36	\$174.44	\$179.68	\$185.07
122	54151S	Systems Architect 5	\$202.95	\$209.04	\$215.31	\$221.77	\$228.42
123	54151S	Systems Engineer 1	\$111.01	\$114.34	\$117.77	\$121.30	\$124.94
124	54151S	Systems Engineer 2	\$123.22	\$126.92	\$130.72	\$134.65	\$138.69
125	54151S	Systems Engineer 3	\$151.24	\$155.78	\$160.45	\$165.26	\$170.22
126	54151S	Systems Engineer 4	\$202.95	\$209.04	\$215.31	\$221.77	\$228.42

127	54151S	Systems Engineer 5	\$231.10	\$238.03	\$245.17	\$252.53	\$260.11
128	54151S	Systems Engineer 6	\$244.69	\$252.03	\$259.59	\$267.38	\$275.40
129	54151S	Tech Training Spec 1	\$63.31	\$65.21	\$67.17	\$69.18	\$71.26
130	54151S	Tech Training Spec 2	\$76.53	\$78.83	\$81.19	\$83.63	\$86.14
131	54151S	Tech Training Spec 3	\$95.86	\$98.74	\$101.70	\$104.75	\$107.89
132	54151S	Tech Training Spec 4	\$144.57	\$148.91	\$153.37	\$157.98	\$162.71
133	ANCILLARY	Technical Writer 1	\$95.44	\$98.30	\$101.25	\$104.29	\$107.42
134	ANCILLARY	Technical Writer 2	\$111.01	\$114.34	\$117.77	\$121.30	\$124.94
135	ANCILLARY	Technical Writer 3	\$127.98	\$131.82	\$135.77	\$139.85	\$144.04
136	ANCILLARY	Technical Writer 4	\$183.34	\$188.84	\$194.51	\$200.34	\$206.35
137	ANCILLARY	Technical Writer 5	\$207.34	\$213.56	\$219.97	\$226.57	\$233.36
138	ANCILLARY	Technical Writing Assoc	\$67.64	\$69.67	\$71.76	\$73.91	\$76.13
139	ANCILLARY	Training Manager 1	\$109.07	\$112.34	\$115.71	\$119.18	\$122.76
140	ANCILLARY	Training Manager 2	\$183.34	\$188.84	\$194.51	\$200.34	\$206.35
141	ANCILLARY	Training Manager 3	\$207.34	\$213.56	\$219.97	\$226.57	\$233.36
142	54151S	Usability Spec 1	\$95.44	\$98.30	\$101.25	\$104.29	\$107.42
143	54151S	Usability Spec 2	\$111.01	\$114.34	\$117.77	\$121.30	\$124.94
144	54151S	Usability Spec 3	\$127.98	\$131.82	\$135.77	\$139.85	\$144.04
145	54151S	Usability Spec 4	\$164.43	\$169.36	\$174.44	\$179.68	\$185.07
146	54151S	Usability Spec 5	\$202.95	\$209.04	\$215.31	\$221.77	\$228.42

GSA RATES AT CONTRACTOR SITE

SIN 54151S – Professional Services

SIN ANCILLARY – Ancillary Supplies and/or Services

NOTE REGARDING SIN ANCILLARY: Non-professional labor categories must be incidental to, and used solely to support professional services, and cannot be purchased separately.

Count	SIN(s) 54151S and ANCILLARY	Labor Category	GSA RATE Contractor Site 1/1/18- 12/31/18	GSA RATE Contractor Site 1/1/19 - 12/31/19	GSA RATE Contractor Site 1/1/20 - 12/31/20	GSA RATE Contractor Site 1/1/21 - 12/31/21	GSA RATE Contractor Site 1/1/22 - 10/27/22
1	ANCILLARY	Business Admin Assoc 1	\$77.38	\$79.70	\$82.09	\$84.56	\$87.09
2	ANCILLARY	Business Admin Assoc 2	\$87.75	\$90.38	\$93.09	\$95.89	\$98.76
3	ANCILLARY	Business Admin Assoc 3	\$110.40	\$113.71	\$117.12	\$120.64	\$124.26
4	54151S	Business Ops Spec 1	\$145.40	\$149.76	\$154.25	\$158.88	\$163.65
5	54151S	Business Ops Spec 2	\$173.12	\$178.31	\$183.66	\$189.17	\$194.85
6	54151S	CAD Drafting Tech 1	\$67.07	\$69.08	\$71.15	\$73.29	\$75.49
7	54151S	CAD Drafting Tech 2	\$103.45	\$106.55	\$109.75	\$113.04	\$116.43
8	54151S	CAD Drafting Tech 3	\$147.16	\$151.57	\$156.12	\$160.81	\$165.63
9	54151S	CAD Engineer 1	\$156.96	\$161.67	\$166.52	\$171.51	\$176.66
10	54151S	CAD Engineer 2	\$201.67	\$207.72	\$213.95	\$220.37	\$226.98
11	54151S	CAD Engineer 3	\$248.92	\$256.39	\$264.08	\$272.00	\$280.16
12	54151S	Communications Engineer 1	\$117.05	\$120.56	\$124.18	\$127.90	\$131.74
13	54151S	Communications Engineer 2	\$136.15	\$140.23	\$144.44	\$148.77	\$153.24
14	54151S	Communications Engineer 3	\$156.96	\$161.67	\$166.52	\$171.51	\$176.66
15	54151S	Communications Engineer 4	\$201.67	\$207.72	\$213.95	\$220.37	\$226.98
16	54151S	Communications Engineer 5	\$248.92	\$256.39	\$264.08	\$272.00	\$280.16
17	54151S	Computer Forensics Spec 1	\$117.05	\$120.56	\$124.18	\$127.90	\$131.74
18	54151S	Computer Forensics Spec 2	\$136.15	\$140.23	\$144.44	\$148.77	\$153.24
19	54151S	Computer Forensics Spec 3	\$156.96	\$161.67	\$166.52	\$171.51	\$176.66
20	54151S	Computer Forensics Spec 4	\$201.67	\$207.72	\$213.95	\$220.37	\$226.98
21	54151S	Computer Forensics Spec 5	\$248.92	\$256.39	\$264.08	\$272.00	\$280.16
22	54151S	Configuration Mgt Assoc 1	\$82.95	\$85.44	\$88.00	\$90.64	\$93.36
23	54151S	Configuration Mgt Assoc 2	\$98.74	\$101.70	\$104.75	\$107.90	\$111.13
24	54151S	Configuration Mgt Assoc 3	\$154.61	\$159.25	\$164.03	\$168.95	\$174.01
25	54151S	Configuration Mgt Assoc 4	\$176.78	\$182.08	\$187.55	\$193.17	\$198.97
26	54151S	Configuration Mgt Assoc 5	\$185.49	\$191.05	\$196.79	\$202.69	\$208.77
27	54151S	Database Administrator 1	\$117.05	\$120.56	\$124.18	\$127.90	\$131.74
28	54151S	Database Administrator 2	\$136.15	\$140.23	\$144.44	\$148.77	\$153.24
29	54151S	Database Administrator 3	\$156.96	\$161.67	\$166.52	\$171.51	\$176.66
30	54151S	Database Administrator 4	\$201.67	\$207.72	\$213.95	\$220.37	\$226.98
31	54151S	Database Administrator 5	\$248.92	\$256.39	\$264.08	\$272.00	\$280.16
32	54151S	Eng Technical Manager 1	\$183.45	\$188.95	\$194.62	\$200.46	\$206.47
33	54151S	Eng Technical Manager 2	\$224.87	\$231.62	\$238.56	\$245.72	\$253.09
34	54151S	Eng Technical Manager 3	\$254.30	\$261.93	\$269.79	\$277.88	\$286.22
35	ANCILLARY	Engineering Technician 1	\$57.21	\$58.93	\$60.69	\$62.51	\$64.39
36	54151S	Engineering Technician 2	\$67.07	\$69.08	\$71.15	\$73.29	\$75.49

37	54151S	Engineering Technician 3	\$79.32	\$81.70	\$84.15	\$86.68	\$89.28
38	54151S	Engineering Technician 4	\$105.08	\$108.23	\$111.48	\$114.82	\$118.27
39	54151S	Engineering Technician 5	\$147.16	\$151.57	\$156.12	\$160.81	\$165.63
40	54151S	Enterprise Support 1	\$145.40	\$149.76	\$154.25	\$158.88	\$163.65
41	54151S	Enterprise Support 2	\$173.12	\$178.31	\$183.66	\$189.17	\$194.85
42	54151S	Enterprise Support 3	\$191.47	\$197.21	\$203.13	\$209.22	\$215.50
43	54151S	Enterprise Support 4	\$242.06	\$249.32	\$256.80	\$264.51	\$272.44
44	54151S	Enterprise Support 5	\$289.51	\$298.20	\$307.14	\$316.36	\$325.85
45	ANCILLARY	Govt Property Supv	\$150.84	\$155.37	\$160.03	\$164.83	\$169.77
46	54151S	Hardware Engineer 1	\$117.05	\$120.56	\$124.18	\$127.90	\$131.74
47	54151S	Hardware Engineer 2	\$136.15	\$140.23	\$144.44	\$148.77	\$153.24
48	54151S	Hardware Engineer 3	\$156.96	\$161.67	\$166.52	\$171.51	\$176.66
49	54151S	Hardware Engineer 4	\$201.67	\$207.72	\$213.95	\$220.37	\$226.98
50	54151S	Hardware Engineer 5	\$248.92	\$256.39	\$264.08	\$272.00	\$280.16
51	54151S	IA Engineer 1	\$124.20	\$127.93	\$131.76	\$135.72	\$139.79
52	54151S	IA Engineer 2	\$151.12	\$155.65	\$160.32	\$165.13	\$170.09
53	54151S	IA Engineer 3	\$185.49	\$191.05	\$196.79	\$202.69	\$208.77
54	54151S	IA Engineer 4	\$224.11	\$230.83	\$237.76	\$244.89	\$252.24
55	54151S	IA Engineer 5	\$248.92	\$256.39	\$264.08	\$272.00	\$280.16
56	54151S	IA Technologist 1	\$136.15	\$140.23	\$144.44	\$148.77	\$153.24
57	54151S	IA Technologist 2	\$201.67	\$207.72	\$213.95	\$220.37	\$226.98
58	54151S	IA Technologist 3	\$283.45	\$291.95	\$300.71	\$309.73	\$319.03
59	54151S	IA Technologist 4	\$300.11	\$309.11	\$318.39	\$327.94	\$337.78
60	54151S	ILS Specialist 1	\$136.15	\$140.23	\$144.44	\$148.77	\$153.24
61	54151S	ILS Specialist 2	\$156.96	\$161.67	\$166.52	\$171.51	\$176.66
62	54151S	ILS Specialist 3	\$201.67	\$207.72	\$213.95	\$220.37	\$226.98
63	54151S	ILS Specialist 4	\$248.92	\$256.39	\$264.08	\$272.00	\$280.16
64	54151S	ILS Senior Manager	\$254.30	\$261.93	\$269.79	\$277.88	\$286.22
65	54151S	IT Customer Spt Technician 1	\$67.07	\$69.08	\$71.15	\$73.29	\$75.49
66	54151S	IT Customer Spt Technician 2	\$79.32	\$81.70	\$84.15	\$86.68	\$89.28
67	54151S	IT Customer Spt Technician 3	\$105.08	\$108.23	\$111.48	\$114.82	\$118.27
68	54151S	IT Network Engineer 1	\$117.05	\$120.56	\$124.18	\$127.90	\$131.74
69	54151S	IT Network Engineer 2	\$136.15	\$140.23	\$144.44	\$148.77	\$153.24
70	54151S	IT Network Engineer 3	\$156.96	\$161.67	\$166.52	\$171.51	\$176.66
71	54151S	IT Network Engineer 4	\$201.67	\$207.72	\$213.95	\$220.37	\$226.98
72	54151S	IT Network Engineer 5	\$283.45	\$291.95	\$300.71	\$309.73	\$319.03
73	54151S	IT Network Engineer 6	\$300.11	\$309.11	\$318.39	\$327.94	\$337.78
74	ANCILLARY	Material Handling Assoc 1	\$54.31	\$55.94	\$57.62	\$59.35	\$61.13
75	ANCILLARY	Material Handling Assoc 2	\$110.11	\$113.41	\$116.82	\$120.32	\$123.93
76	ANCILLARY	Mfg Planning Spec 1	\$91.83	\$94.58	\$97.42	\$100.35	\$103.36
77	ANCILLARY	Mfg Planning Spec 2	\$123.38	\$127.08	\$130.89	\$134.82	\$138.87
78	ANCILLARY	Mfg Planning Spec 3	\$133.33	\$137.33	\$141.45	\$145.69	\$150.06
79	ANCILLARY	Mfg Planning Spec 4	\$173.05	\$178.24	\$183.59	\$189.10	\$194.77
80	ANCILLARY	Multimedia Spec 1	\$77.65	\$79.98	\$82.38	\$84.85	\$87.40
81	ANCILLARY	Multimedia Spec 2	\$93.86	\$96.68	\$99.58	\$102.56	\$105.64

82	ANCILLARY	Multimedia Spec 3	\$117.57	\$121.10	\$124.73	\$128.47	\$132.33
83	ANCILLARY	Multimedia Spec 4	\$154.95	\$159.60	\$164.39	\$169.32	\$174.40
84	ANCILLARY	Multimedia Tech 1	\$57.21	\$58.93	\$60.69	\$62.51	\$64.39
85	ANCILLARY	Multimedia Tech 2	\$67.07	\$69.08	\$71.15	\$73.29	\$75.49
86	ANCILLARY	Multimedia Tech 3	\$79.32	\$81.70	\$84.15	\$86.68	\$89.28
87	ANCILLARY	Multimedia Tech 4	\$105.08	\$108.23	\$111.48	\$114.82	\$118.27
88	ANCILLARY	Multimedia Tech 5	\$147.16	\$151.57	\$156.12	\$160.81	\$165.63
89	54151S	Program Manager 1	\$261.51	\$269.36	\$277.44	\$285.76	\$294.33
90	54151S	Program Manager 2	\$274.67	\$282.91	\$291.40	\$300.14	\$309.14
91	54151S	Program Manager 3	\$326.41	\$336.20	\$346.29	\$356.68	\$367.38
92	54151S	Program Manager 4	\$342.75	\$353.03	\$363.62	\$374.53	\$385.77
93	54151S	Program Manager 5	\$375.57	\$386.84	\$398.44	\$410.40	\$422.71
94	54151S	Program Director	\$419.90	\$432.50	\$445.47	\$458.84	\$472.60
95	ANCILLARY	Quality Assurance Spec 1	\$173.05	\$178.24	\$183.59	\$189.10	\$194.77
96	ANCILLARY	Quality Assurance Spec 2	\$189.97	\$195.67	\$201.54	\$207.59	\$213.81
97	ANCILLARY	Quality Assurance Spec 3	\$238.13	\$245.27	\$252.63	\$260.21	\$268.02
98	ANCILLARY	Quality Assurance Spec 4	\$260.92	\$268.75	\$276.81	\$285.11	\$293.67
99	54151S	Software Engineer 1	\$106.34	\$109.53	\$112.82	\$116.20	\$119.69
100	54151S	Software Engineer 2	\$117.05	\$120.56	\$124.18	\$127.90	\$131.74
101	54151S	Software Engineer 3	\$136.15	\$140.23	\$144.44	\$148.77	\$153.24
102	54151S	Software Engineer 4	\$151.12	\$155.65	\$160.32	\$165.13	\$170.09
103	54151S	Software Engineer 5	\$176.78	\$182.08	\$187.55	\$193.17	\$198.97
104	54151S	Software Engineer 6	\$201.67	\$207.72	\$213.95	\$220.37	\$226.98
105	54151S	Software Engineer 7	\$248.92	\$256.39	\$264.08	\$272.00	\$280.16
106	54151S	Software Engineer 8	\$300.11	\$309.11	\$318.39	\$327.94	\$337.78
107	ANCILLARY	Stock/Receiving Assoc	\$110.11	\$113.41	\$116.82	\$120.32	\$123.93
108	54151S	Subject Matter Expert 1	\$420.68	\$433.30	\$446.30	\$459.69	\$473.48
109	54151S	Subject Matter Expert 2	\$446.97	\$460.38	\$474.19	\$488.42	\$503.07
110	54151S	Subject Matter Expert 3	\$473.27	\$487.47	\$502.09	\$517.15	\$532.67
111	54151S	Subject Matter Expert 4	\$499.56	\$514.55	\$529.98	\$545.88	\$562.26
112	54151S	Subject Matter Expert 5	\$525.85	\$541.63	\$557.87	\$574.61	\$591.85
113	54151S	Systems Analyst 1	\$124.20	\$127.93	\$131.76	\$135.72	\$139.79
114	54151S	Systems Analyst 2	\$148.10	\$152.54	\$157.12	\$161.83	\$166.69
115	54151S	Systems Analyst 3	\$156.96	\$161.67	\$166.52	\$171.51	\$176.66
116	54151S	Systems Analyst 4	\$201.67	\$207.72	\$213.95	\$220.37	\$226.98
117	54151S	Systems Analyst 5	\$248.92	\$256.39	\$264.08	\$272.00	\$280.16
118	54151S	Systems Architect 1	\$117.05	\$120.56	\$124.18	\$127.90	\$131.74
119	54151S	Systems Architect 2	\$136.15	\$140.23	\$144.44	\$148.77	\$153.24
120	54151S	Systems Architect 3	\$156.96	\$161.67	\$166.52	\$171.51	\$176.66
121	54151S	Systems Architect 4	\$201.67	\$207.72	\$213.95	\$220.37	\$226.98
122	54151S	Systems Architect 5	\$248.92	\$256.39	\$264.08	\$272.00	\$280.16
123	54151S	Systems Engineer 1	\$136.15	\$140.23	\$144.44	\$148.77	\$153.24
124	54151S	Systems Engineer 2	\$151.12	\$155.65	\$160.32	\$165.13	\$170.09
125	54151S	Systems Engineer 3	\$185.49	\$191.05	\$196.79	\$202.69	\$208.77
126	54151S	Systems Engineer 4	\$248.92	\$256.39	\$264.08	\$272.00	\$280.16

127	54151S	Systems Engineer 5	\$283.45	\$291.95	\$300.71	\$309.73	\$319.03
128	54151S	Systems Engineer 6	\$300.11	\$309.11	\$318.39	\$327.94	\$337.78
129	54151S	Tech Training Spec 1	\$77.65	\$79.98	\$82.38	\$84.85	\$87.40
130	54151S	Tech Training Spec 2	\$93.86	\$96.68	\$99.58	\$102.56	\$105.64
131	54151S	Tech Training Spec 3	\$117.57	\$121.10	\$124.73	\$128.47	\$132.33
132	54151S	Tech Training Spec 4	\$177.31	\$182.63	\$188.11	\$193.75	\$199.56
133	ANCILLARY	Technical Writer 1	\$117.05	\$120.56	\$124.18	\$127.90	\$131.74
134	ANCILLARY	Technical Writer 2	\$136.15	\$140.23	\$144.44	\$148.77	\$153.24
135	ANCILLARY	Technical Writer 3	\$156.96	\$161.67	\$166.52	\$171.51	\$176.66
136	ANCILLARY	Technical Writer 4	\$224.87	\$231.62	\$238.56	\$245.72	\$253.09
137	ANCILLARY	Technical Writer 5	\$254.30	\$261.93	\$269.79	\$277.88	\$286.22
138	ANCILLARY	Technical Writing Assoc	\$82.95	\$85.44	\$88.00	\$90.64	\$93.36
139	ANCILLARY	Training Manager 1	\$133.77	\$137.78	\$141.92	\$146.17	\$150.56
140	ANCILLARY	Training Manager 2	\$224.87	\$231.62	\$238.56	\$245.72	\$253.09
141	ANCILLARY	Training Manager 3	\$254.30	\$261.93	\$269.79	\$277.88	\$286.22
142	54151S	Usability Spec 1	\$117.05	\$120.56	\$124.18	\$127.90	\$131.74
143	54151S	Usability Spec 2	\$136.15	\$140.23	\$144.44	\$148.77	\$153.24
144	54151S	Usability Spec 3	\$156.96	\$161.67	\$166.52	\$171.51	\$176.66
145	54151S	Usability Spec 4	\$201.67	\$207.72	\$213.95	\$220.37	\$226.98
146	54151S	Usability Spec 5	\$248.92	\$256.39	\$264.08	\$272.00	\$280.16

SECTION V

STANDARD COMMERCIAL WARRANTY

<u>Special Item Number</u>	<u>Description</u>	<u>Warranty Description</u>	<u>Point of Contact</u>
SPACE ELECTRONICS PRODUCTS			
33411	Space Electronics Products	One (1) year following shipment date	Name: Customer Service Phone: 877-449-0600 or 480-726-1048 Fax: 877-449-0599 or 480-726-2971 Email: CustomerService@gdms.com