

**GENERAL SERVICES ADMINISTRATION  
Federal Supply Service  
Authorized Federal Supply Schedule Price List  
General Purpose Commercial Information Technology Equipment, Software and Services**



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**Business Size: Small Woman Owned Business**

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**Contract Number: GS-35F-186CA  
Current through Modification: #PS-0009, dated September 27, 2017.**

Special Item No. 132-41	Earth Observation Solutions
Special Item No. 132-51	Information Technology Professional Services

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](http://GSAAdvantage.gov). For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at [fss.gsa.gov](http://fss.gsa.gov).

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# CUSTOMER INFORMATION

## 1a. Table of awarded special item number(s) with appropriate cross-reference to item descriptions and awarded price(s).

Special Item Number
132-41 Earth Observation Solutions
132-51 Information Technology Professional Services

## 1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract.

Refer to Price List. Prices shown in the Price List are net.

## 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.

Refer to Price List. Prices shown in the Price List are net.

## 2. Maximum order.

Special Item Number	Maximum Dollar Value
132-41 Earth Observation Solutions	\$1,000,000
132-51 Information Technology Professional Services	\$500,000

## 3. Minimum order.

Special Item Number	Maximum Dollar Value
132-41 Earth Observation Solutions	\$100
132-51 Information Technology Professional Services	\$100

## 4. Geographic coverage.

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

## 5. Points of production.

3611 W Swann Ave.  
Tampa, FL 33609

## 6. Discount from list prices or statement of net price.

Prices shown are NET Prices; Basic Discounts have been deducted.

- Prompt Payment: .5% - 15 days from receipt of invoice or date of acceptance, whichever is later.
- Quantity – 1% for all orders over \$250,000.
- Dollar Volume - 1% for all orders over \$250,000.
- Government Educational Institutions - NONE
- Credit Card Discount: 1% if payment by credit card is made 15 days after invoice receipt.
- Cash in Advance: 1% if paid in full prior to receipt of service and or product

## 7. Quantity discounts.

1% for all orders over \$250,000.

## 8. Prompt payment terms.

1% - 15 days from receipt of invoice or date of acceptance, whichever is later.

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.**

Credit cards **WILL** be acceptable for payment at or below the micro-purchase threshold

**9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold.**

Credit cards **WILL** be acceptable for payment above the micro-purchase threshold.

**10. Foreign items.**

None.

**11a. Time of delivery.**

TIME OF DELIVERY: The Contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as set forth below:

SPECIAL ITEM NUMBER	DELIVERY TIME (Days ARO)
132-41	30 Days
132-51	30 Days

**11b. Expedited Delivery.**

Contact VATC for expedited delivery.

**11c. Overnight and 2-day delivery.**

Contact VATC for overnight and 2-day delivery.

**11d. Urgent Requirements.**

When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, ordering activities are encouraged, if time permits, to contact VATC for the purpose of obtaining accelerated delivery. VATC shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by VATC in writing.) If VATC offers an accelerated delivery time acceptable to the ordering activity, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

**12. F.O.B. point.**

Destination

**13a. Ordering address.**

Visual Awareness Technologies and Consulting, Inc. (VATC)  
3611 W. Swann Ave  
Tampa, Florida, 33609

**13b. Ordering procedures.**

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

**14. Payment address.**

3611 W. Swann Ave  
Tampa, Florida, 33609

**15. Warranty provision.**

Unless specified otherwise in this contract, the Contractor's standard commercial guarantee/warranty as stated in the product's standard commercial warranty will apply to this contract.

**16. Export packing charges, if applicable.**

Not Applicable

**17. Terms and conditions of Government purchase card acceptance.**

No Government purchase card threshold.

**18. Terms and conditions of rental, maintenance, and repair.**

Not Applicable

**19. Terms and conditions of installation.**

Not Applicable

**20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices.**

Not Applicable

**20a. Terms and conditions for any other services.**

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.**

Not Applicable

**24b. 508 Compliance Information:**

Section 508 compliance information on the supplies and services in this contract are available in Electronic and Information Technology (EIT) at the following: [WWW.VATCINC.COM](http://WWW.VATCINC.COM)

**25. Data Universal Number System (DUNS) number.**

125104278

**26. Notification regarding registration in System for Award Management (SAM) database.**

Cage Code: 3CYV9

**TERMS AND CONDITIONS APPLICABLE TO  
EARTH OBSERVATION SOLUTIONS (EOS) SIN 132-41**

**1. SCOPE**

- a. The terms and conditions stated under Special Item Numbers 132-41 Earth Observation Solutions apply exclusively to this SIN within the Information Technology Schedule.
- b. This SIN is a solutions SIN, which involves services and products to include but not limited to imagery, subscriptions, software, platform and data as a service, and end-to-end data analytics. This SIN provides ordering activities with access to a wide range of Earth Observation Solutions.
- c. Earth Observation Solutions provided shall comply with all certifications and industry standards as specified by ordering activity.
- d. The Contractor shall provide services at the Contractor's facility and/or at the ordering activity location, as agreed to by the Contractor and the ordering activity.

**2. INFORMATION ASSURANCE/SECURITY REQUIREMENTS**

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

**3. STANDARDS COMPLIANCE**

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

**4. ORDER**

- a. Ordering activities/agencies may use written orders, Electronic Data Interchange (EDI) orders, Blanket Purchase Agreements, individual purchase orders, delivery orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 (Deviation – May 2003) Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.
- b. All delivery or task orders are subject to the terms and conditions of the contract. In the event of conflict between an order and the contract, the contract will take precedence.

**5. PERFORMANCE OF SERVICES**

- a. The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity.
- b. The Contractor agrees to render services during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.

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

d. Any Contractor travel required in the performance of Earth Observation Solutions must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts. All travel will be agreed upon with the client prior to the Contractor's travel.

## **6. INSPECTION/ACCEPTANCE**

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

## **7. ENTERPRISE USER LICENSE AGREEMENTS REQUIREMENTS (EULA)/COMMERCIAL SUPPLIER AGREEMENTS (CSAs)**

The Contractor shall provide all EULAs/CSAs in an editable Microsoft Office (Word) format.

## **8. WARRANTY**

a. Unless specified otherwise in this contract, the Contractor's standard commercial guarantee/warranty as stated in the contract's commercial pricelist will apply to this contract.

Warranty Disclaimer. EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, CLIENT AND VATC DISCLAIM ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. MOREOVER, THE VATC SOLUTION IS PROVIDED AS-IS AND AS AVAILABLE, AND THAT SUCH VATC SOLUTION MAY INCLUDE PUBLICLY AVAILABLE OR THIRD PARTY-SOURCED INFORMATION WHICH MAY BE INACCURATE OR INCOMPLETE. VATC MAKES NO WARRANTY WHATSOEVER WITH RESPECT TO ANY THIRD PARTY SOFTWARE.

b. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract. If no implied warranties are given, an express warranty of at least 60 days must be given in accordance with FAR 12.404(b)(2).

c. Limitation of Liability. Except as otherwise provided by an express or implied warranty, the Contractor will not be liable to the ordering activity for consequential damages resulting from any defect or deficiencies in accepted items.

## **9. TECHNICAL SERVICES**

The Contractor, without additional charge to the ordering activity, shall provide a hot line technical support number for the purpose of providing user assistance and guidance in the implementation of any software provided. The technical support number is available from 0800 to 1700 Eastern Time. VATC's Technical Support Hotline No. is 866.304.3311. Press prompt for the Software Support Division.

## **10. RESPONSIBILITIES OF THE CONTRACTOR**

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the end product of a task order is software, then FAR 52.227-14 (MAY 2014) Rights in Data – General, may apply. The Contractor shall comply with contract clause (52.204-21) to the Federal Acquisition Regulation (FAR) for the basic safeguarding of contractor information systems that process, store, or transmit Federal data received by the contract in performance of the contract. This includes contract documents and all information generated in the performance of the contract.

## **11. RESPONSIBILITIES OF THE ORDERING ACTIVITY**

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

## **12. INDEPENDENT CONTRACTOR**

All work performed under the Earth Observation Solutions SIN shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

## **13. ORGANIZATIONAL CONFLICTS OF INTEREST**

### **a. Definitions.**

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

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

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

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

## **14. INVOICES**

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

## **15. RESUMES**

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

## **16. APPROVAL OF SUBCONTRACTS**

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

## **17. DESCRIPTION OF SERVICES AND PRICING**

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

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

c. Group 70 Information Technology Schedule is not to be used as a means to procure services which fall under the Brooks Act. The services offered under this SIN shall NOT include construction, alteration of real property or Architect-Engineering (A-E) services as set forth in FAR Part 36. FAR 36.6 distinguishes between mapping services of an A-E nature and mapping services which are not connected nor incidental to the traditionally accepted A-E Services that are allowable on Schedule 70.



**TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY (IT)  
PROFESSIONAL SERVICES (SPECIAL ITEM NUMBER 132-51)**

**1. SCOPE**

- a. The prices, terms and conditions stated under Special Item Number 132-51 Information Technology Professional Services apply exclusively to IT Services within the scope of this Information Technology Schedule.
- b. The Contractor shall provide services at the Contractor's facility and/or at the ordering activity location, as agreed to by the Contractor and the ordering activity.

**2. PERFORMANCE INCENTIVES**

- a. Performance incentives may be agreed upon between the Contractor and the ordering activity on individual fixed price orders or Blanket Purchase Agreements under this contract in accordance with this clause.
- b. The ordering activity must establish a maximum performance incentive price for these services and/or total solutions on individual orders or Blanket Purchase Agreements.
- c. Incentives should be designed to relate results achieved by the contractor to specified targets. To the maximum extent practicable, ordering activities shall consider establishing incentives where performance is critical to the ordering activity's mission and incentives are likely to motivate the contractor. Incentives shall be based on objectively measurable tasks.

**3. ORDER**

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

**4. PERFORMANCE OF SERVICES**

- a. The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity.
- b. The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.
- c. The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Services shall be completed in a good and workmanlike manner.
- d. Any Contractor travel required in the performance of IT Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts.

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

- (a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either:
  - (1) Cancel the stop-work order; or
  - (2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.
- (b) If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if:
  - (1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and

- (2) The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.
- (c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.
- (d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

## **6. INSPECTION OF SERVICES**

The Inspection of Services–Fixed Price (AUG 1996) (Deviation – May 2003) clause at FAR 52.246-4 applies to firm-fixed price orders placed under this contract. The Inspection–Time-and-Materials and Labor-Hour (JAN 1986) (Deviation – May 2003) clause at FAR 52.246-6 applies to time-and-materials and labor-hour orders placed under this contract.

## **7. RESPONSIBILITIES OF THE CONTRACTOR**

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the end product of a task order is software, then FAR 52.227-14 (Deviation – May 2003) Rights in Data – General, may apply.

## **8. RESPONSIBILITIES OF THE ORDERING ACTIVITY**

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

## **9. INDEPENDENT CONTRACTOR**

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

## **10. ORGANIZATIONAL CONFLICTS OF INTEREST**

### **a. Definitions.**

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

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

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

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

## **11. INVOICES**

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

## **12. PAYMENTS**

For firm-fixed price orders the ordering activity shall pay the Contractor, upon submission of proper invoices or vouchers, the prices stipulated in this contract for service rendered and accepted. Progress payments shall be made only when authorized by the order. For time-and-materials orders, the Payments under Time-and-Materials and Labor-Hour Contracts at FAR 52.232-7 (DEC 2002), (Alternate II – Feb 2002) (Deviation – May 2003) applies to

time-and-materials orders placed under this contract. For labor-hour orders, the Payment under Time-and-Materials and Labor-Hour Contracts at FAR 52.232-7 (DEC 2002), (Alternate II – Feb 2002) (Deviation – May 2003)) applies to labor-hour orders placed under this contract. 52.216-31(Feb 2007) Time-and-Materials/Labor-Hour Proposal Requirements—Commercial Item Acquisition As prescribed in 16.601(e)(3), insert the following provision:

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

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

- (1) The offeror;
- (2) Subcontractors; and/or
- (3) Divisions, subsidiaries, or affiliates of the offeror under a common control.

### **13. RESUMES**

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

### **14. INCIDENTAL SUPPORT COSTS**

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

### **15. APPROVAL OF SUBCONTRACTS**

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

### **16. DESCRIPTION OF IT SERVICES AND PRICING**

**NOTE: A FULL DESCRIPTION OF VATC'S IT PROFESSIONAL LABOR CATEGORIES AND PRICING ARE ATTACHED AT THE END OF THIS DOCUMENT AS APPENDIX 1 AND 2.**

**USA COMMITMENT TO PROMOTE  
SMALL BUSINESS PARTICIPATION  
PROCUREMENT PROGRAMS**

PREAMBLE

**Visual Awareness Technologies & Consulting, Inc. (VATC)** provides commercial products and services to ordering activities. We are committed to promoting participation of small, small disadvantaged and women-owned small businesses in our contracts. We pledge to provide opportunities to the small business community through reselling opportunities, mentor-protégé programs, joint ventures, teaming arrangements, and subcontracting.

COMMITMENT

To actively seek and partner with small businesses.

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

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

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

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

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

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

We signify our commitment to work in partnership with small, small disadvantaged and women-owned small businesses to promote and increase their participation in ordering activity contracts. To accelerate potential opportunities please contact **Natalie Bonner, VP, Contracts, Telephone No. 813.642.3024, Email: [nbonner@vatcinc.com](mailto:nbonner@vatcinc.com), Fax No. 813.207-5001.**

BEST VALUE  
BLANKET PURCHASE AGREEMENT  
FEDERAL SUPPLY SCHEDULE

**Visual Awareness Technologies & Consulting, Inc. (VATC)**

In the spirit of the Federal Acquisition Streamlining Act (ordering activity) and VATC enter into a cooperative agreement to further reduce the administrative costs of acquiring commercial items from the General Services Administration (GSA) Federal Supply Schedule Contract(s) **GS-35F-186CA**.

Federal Supply Schedule contract BPAs eliminate contracting and open market costs such as: search for sources; the development of technical documents, solicitations and the evaluation of offers. Teaming Arrangements are permitted with Federal Supply Schedule Contractors in accordance with Federal Acquisition Regulation (FAR) 9.6.

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

Signatures

\_\_\_\_\_

Ordering Activity

\_\_\_\_\_

Date

\_\_\_\_\_

Contractor

\_\_\_\_\_

Date

(CUSTOMER NAME)  
BLANKET PURCHASE AGREEMENT

Pursuant to GSA Federal Supply Schedule Contract Number(s) **GS-35F-186CA**, Blanket Purchase Agreements, the Contractor agrees to the following terms of a Blanket Purchase Agreement (BPA) EXCLUSIVELY WITH (ordering activity):

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

MODEL NUMBER/PART NUMBER	*SPECIAL BPA DISCOUNT/PRICE
_____	_____
_____	_____
_____	_____

(2) Delivery:

DESTINATION	DELIVERY SCHEDULES / DATES
_____	_____
_____	_____
_____	_____

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

(4) This BPA does not obligate any funds.

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

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

OFFICE	POINT OF CONTACT
_____	_____
_____	_____
_____	_____

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

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

- (a) Name of Contractor;
- (b) Contract Number;
- (c) BPA Number;
- (d) Model Number or National Stock Number (NSN);
- (e) Purchase Order Number;
- (f) Date of Purchase;

(g) Quantity, Unit Price, and Extension of Each Item (unit prices and extensions need not be shown when incompatible with the use of automated systems; provided, that the invoice is itemized to show the information); and

(h) Date of Shipment.

(9) The requirements of a proper invoice are specified in the Federal Supply Schedule contract. Invoices will be submitted to the address specified within the purchase order transmission issued against this BPA.

(10) The terms and conditions included in this BPA apply to all purchases made pursuant to it. In the event of an inconsistency between the provisions of this BPA and the Contractor's invoice, the provisions of this BPA will take precedence.

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BASIC GUIDELINES FOR USING  
“CONTRACTOR TEAM ARRANGEMENTS”

Federal Supply Schedule Contractors may use “Contractor Team Arrangements” (see FAR 9.6) to provide solutions when responding to a ordering activity requirements.

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

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

Participation in a Team Arrangement is limited to Federal Supply Schedule Contractors.

Customers should refer to FAR 9.6 for specific details on Team Arrangements.

Here is a general outline on how it works:

- The customer identifies their requirements.
- Federal Supply Schedule Contractors may individually meet the customers needs, or -
- Federal Supply Schedule Contractors may individually submit a Schedules “Team Solution” to meet the customer’s requirement.
- Customers make a best value selection.



**APPENDIX 1 – SIN 132-51 AND 132-41 PROFESSIONAL SERVICES  
RATES**

<b>LABOR CATEGOTRY NUMBER</b>	<b>SIN</b>	<b>LABOR CATEGORY</b>	<b>GSA PRICE</b>
1	132-51	Computer Systems Technologist I	\$79.51
2	132-51	Computer Systems Technologist II	\$87.46
3	132-51	Computer Systems Technologist III	\$96.21
4	132-51	Program/Project Manager	\$132.82
5	132-51	Principal Logistics Specialist	\$76.01
6	132-51	Principal Logistics Specialist, Sr	\$91.58
7	132-51	Logistics Engineer	\$110.37
8	132-51	Information Technology Specialist I	\$76.82
9	132-51	Information Technology Specialist II	\$85.52
10	132-51	Information Technology Specialist III	\$97.99
11	132-51	Computer Security Systems Specialist Jr.	\$69.33
12	132-51	Computer Security Systems Specialist, Intermediate	\$91.20
13	132-51	Computer Security Systems Specialist, Sr.	\$107.51
14	132-51	Subject Matter Expert I	\$67.04
15	132-51	Subject Matter Expert II	\$81.23
16	132-51	Subject Matter Expert III	\$100.40
17	132-51	Subject Matter Expert IV	\$112.91
18	132-51	Schedule Analyst I	\$51.54
19	132-51	Schedule Analyst II	\$58.93
20	132-51	Schedule Analyst III	\$67.87
21	132-51	Specialty Engineer I	\$72.84
22	132-51	Specialty Engineer II	\$80.12
23	132-51	Specialty Engineer III	\$86.32
24	132-51	Functional Analyst 1	\$38.84
25	132-51	Functional Analyst 2	\$48.72
26	132-51	Functional Analyst 3	\$54.55
27	132-51	Functional Analyst Lead	\$70.29
28	132-51	Functional Analyst Principal	\$80.82
29	132-51	Software Developer 1	\$47.88
30	132-51	Software Developer 2	\$54.55
31	132-51	Software Developer 3	\$67.82
32	132-51	Software Developer Supervisor	\$74.60
33	132-51	Software Developer Expert	\$96.53
34	132-51	Systems Programmer 1	\$43.49

<b>LABOR CATEGOTRY NUMBER</b>	<b>SIN</b>	<b>LABOR CATEGORY</b>	<b>GSA PRICE</b>
35	132-51	Systems Programmer 2	\$54.55
36	132-51	Systems Programmer 3	\$61.11
37	132-51	Systems Programmer Lead	\$70.29
38	132-51	Systems Programmer Principal	\$79.11
39	132-51	Project Manager Deputy	\$70.29
40	132-51	Programmer Analyst 1	\$43.49
41	132-51	Programmer Analyst 2	\$54.55
42	132-51	Programmer Analyst 3	\$61.11
43	132-51	Programmer Analyst Lead	\$70.29
44	132-51	Computer Programmer 1	\$43.49
45	132-51	Computer Programmer 2	\$54.55
46	132-51	Computer Programmer 3	\$61.11
47	132-51	Computer Programmer 4	\$70.29
48	132-51	Configuration Management Analyst 1	\$43.49
49	132-51	Configuration Management Analyst 2	\$48.72
50	132-51	Configuration Management Analyst 3	\$61.11
51	132-51	Database Administrator 1	\$48.72
52	132-51	Database Administrator 2	\$54.55
53	132-51	Database Administrator 3	\$70.29
54	132-51	Database Administrator Lead	\$80.82
55	132-51	Database Administrator Principal	\$96.98
56	132-51	Designer/Illustrator 1	\$33.88
57	132-51	Designer/Illustrator 2	\$43.49
58	132-51	Designer/Illustrator 3	\$54.55
59	132-51	Information Security Specialist 1	\$43.49
60	132-51	Information Security Specialist 2	\$54.55
61	132-51	Information Security Specialist 3	\$70.29
62	132-51	System Engineer 1	\$48.72
63	132-51	System Engineer 2	\$54.55
64	132-51	System Engineer 3	\$70.29
65	132-51	Technical Writer 1	\$33.88
66	132-51	Technical Writer 2	\$43.49
67	132-51	Technical Writer 3	\$54.55
68	132-51	Training Instructor 1	\$40.36
69	132-51	Training Instructor 2	\$48.72
70	132-51	Training Instructor 3	\$54.55
71	132-51	Training Instructor Expert	\$88.90

<b>LABOR CATEGOTRY NUMBER</b>	<b>SIN</b>	<b>LABOR CATEGORY</b>	<b>GSA PRICE</b>
72	132-51	Training Instructor Lead	\$61.11
73	132-51	Web Developer 1	\$43.49
74	132-51	Web Developer 2	\$54.55
75	132-51	Web Developer 3	\$61.11
76	132-51	Web Developer Lead	\$70.29
77	132-51	Web Developer Principal	\$80.82
78	132-51	Web Developer Sr Principal	\$96.98
79	132-51	Web Developer Manager	\$80.82
80	132-51	Team Leader - Computer Network Analysis	\$56.38
81	132-51	Telecommunications Mechanic II	\$46.92
82	132-51	Manager II - Computer Network Analysis	\$93.04
83	132-51	Sr. Computer Network Technologist II	\$78.84
84	132-51	Principal Information System Technologist	\$89.36
85	132-51	Sr. Manager Information Systems Technology	\$126.51
86	132-51	Senior Level Infrastructure Engineeer	\$75.68
87	132-51	CryENGINE Developer	\$58.85
88	132-41	Training Analyst	\$92.26
89	132-41	Geospatial Data Analyst	\$100.65
90	132-41	Operational Environment Designer	\$144.84
91	132-41	Sr. Software Engineer - Web	\$156.90
92	132-41	Content Writer	\$104.19
93	132-41	Production Specialist	\$117.18

## APPENDIX 2 –LABOR CATEGORY REQUIREMENTS AND DESCRIPTIONS

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
1	<p><b>Computer Systems Technologist I</b>            Functional Responsibility: Applies analytical skills to support information technology process improvement, studies, and analysis projects. Typical duties include analysis, planning, establishment of requirements, functional modeling, development of procedures, development of functional architectures, business case development and cost justification, and other related management and technical duties. Possesses expertise in specialty areas as described in the individual Task Order, such as: wargaming, logistics, military medicine, government financial systems, human resources, C3I, document management, document imaging, paperless office environment, etc. Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Conducts or participates in multidisciplinary research and collaborates with equipment designers and/or hardware engineers in the design, development, and utilization of electronic data processing systems software. Determines computer user needs; advises hardware designers on machine characteristics that affect software systems such as storage capacity, processing speed, and input/output requirements; designs and develops compilers and assemblers, utility programs, and operating systems such as executive programs.</p>	<p>Bachelor’s degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
2	<p><b>Computer Systems Technologist II</b>            Functional Responsibility: Applies analytical skills to support information technology process improvement, studies, and analysis projects. Typical duties include analysis, planning, establishment of requirements, functional modeling, development of procedures, development of functional architectures, business case development and cost justification, and other related management and technical duties. Possesses expertise in specialty areas as described in the individual Task Order, such as: wargaming, logistics, military medicine, government financial systems, human resources, C3I, document management, document imaging, paperless office environment, etc. Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Conducts or participates in</p>	<p>Bachelor’s degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 6 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	<p>multidisciplinary research and collaborates with equipment designers and/or hardware engineers in the design, development, and utilization of electronic data processing systems software. Determines computer user needs; advises hardware designers on machine characteristics that affect software systems such as storage capacity, processing speed, and input/output requirements; designs and develops compilers and assemblers, utility programs, and operating systems such as executive programs.</p>		
3	<p><b>Computer Systems Technologist III</b>            Functional Responsibility: Applies analytical skills to support information technology process improvement, studies, and analysis projects. Typical duties include analysis, planning, establishment of requirements, functional modeling, development of procedures, development of functional architectures, business case development and cost justification, and other related management and technical duties. Possesses expertise in specialty areas as described in the individual Task Order, such as: wargaming, logistics, military medicine, government financial systems, human resources, C3I, document management, document imaging, paperless office environment, etc. Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Conducts or participates in multidisciplinary research and collaborates with equipment designers and/or hardware engineers in the design, development, and utilization of electronic data processing systems software. Determines computer user needs; advises hardware designers on machine characteristics that affect software systems such as storage capacity, processing speed, and input/output requirements; designs and develops compilers and assemblers, utility programs, and operating systems such as executive programs.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 8 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
4	<p><b>Program/Project Manager</b>            Functional Responsibilities. Serves as project manager for a large, complex task order (or a group of task orders affecting the same common/standard/migration system) and shall assist the Program Manager in working with the ordering activity Contracting Officer (CO), the contract-level Contracting Officer's Representative (COR), the task order-level COR(s), ordering activity management personnel and customer agency representatives. Under the guidance of the Program Manager, responsible for the overall management of the specific task order(s) and insuring that the technical solutions and schedules in the task order are implemented in a timely manner. Performs</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements</p>	<p>At least 12 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	<p>enterprise wide horizontal integration planning and interfaces to other functional systems. Responsible for the financial, applicable technology, and schedule performance of assigned programs within cost limitations and established standards. Position may coordinate proposal preparation, statements of work and specifications, estimation of product/service costs, negotiation and administration of contracts. Establishes milestones and monitors adherence to program master plans and schedules. Develops control systems and reports that accurately measure progress, identify potential problems in sufficient time for corrective action to be taken, and ensures the meeting of company's contract commitments. Position directs the performance of program functional task elements such as procurement, manufacturing, quality control, logistics, and administrative functions. Acts as primary customer contact on status and performance and anticipates and fulfills customer needs to ensure their satisfaction and continued business.</p>	<p>may be reduced or increased with a Master's or no degree.</p>	
5	<p><b>Principal Logistics Specialist</b>            Functional Responsibilities. play an integral role in the design, development, and implementation of business processes for information systems using Military Logistics Information Systems to include but not limited to the DoD Supported Activities Supply System (SASSY), Duties will include requirements gathering, analysis, and testing to include generating applicable documentation of business processes. This individual will be responsible for generating requirements analysis documentation, assisting technical teams in the development of prototypes for proof-of-concept testing, and full-scale development and deployment. Assist the project manager or be responsible for project management, must be able to communicate a shared vision for the project team and an integrated team structure for carrying out the vision to meet or exceed the management objectives. Maintain project coordination documents such as a plan of actions and milestones, status map, weekly meeting agenda, and monthly status reports and provide supplier agreement subcontractor management. Monitor resource expenditures to ensure on budget and/or unfunded requirements are identified, forecast project resource requirements and ensure appropriate level of project quality assurance reviews are conducted and documented. Responsible for the management of multiple disciplines within the supply chain process. Participates in various aspects of the four process areas as described in the Supply Chain-Plan, Supply Chain-Source, Supply Chain-Make and Supply Chain-Deliver classifications. Exhibits competency as</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 8 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	oversees/manages the supply chain process from proposal activities (Front End of the Business) through contract closure whether for make or buy parts, services, Commercial Off the Shelf (COTS) products/services, engineering products/services or parts made to specifications.		
6	<p><b>Principal Logistics Specialist, Sr</b>            Functional Responsibilities. play an integral role in the design, development, and implementation of business processes for information systems using Military Logistics Information Systems to include but not limited to the DoD Supported Activities Supply System (SASSY), Duties will include requirements gathering, analysis, and testing to include generating applicable documentation of business processes. This individual will be responsible for generating requirements analysis documentation, assisting technical teams in the development of prototypes for proof-of-concept testing, and full-scale development and deployment. Assist the project manager or be responsible for project management, must be able to communicate a shared vision for the project team and an integrated team structure for carrying out the vision to meet or exceed the management objectives. Maintain project coordination documents such as a plan of actions and milestones, status map, weekly meeting agenda, and monthly status reports and provide supplier agreement subcontractor management. Monitor resource expenditures to ensure on budget and/or unfunded requirements are identified, forecast project resource requirements and ensure appropriate level of project quality assurance reviews are conducted and documented. Responsible for the management of multiple disciplines within the supply chain process. Participates in various aspects of the four process areas as described in the Supply Chain-Plan, Supply Chain-Source, Supply Chain-Make and Supply Chain-Deliver classifications. Exhibits competency as oversees/manages the supply chain process from proposal activities (Front End of the Business) through contract closure whether for make or buy parts, services, Commercial Off the Shelf (COTS) products/services, engineering products/services or parts made to specifications.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 10 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
7	<p><b>Logistics Engineer</b>            Functional Responsibilities. Directs and coordinates program activities designed to provide subcontractors, management, and customers with logistics technology that ensures effective and economical support concerned for manufacturing or servicing of products, systems, or equipment: Analyzes contractual commitments, customer specifications, design changes, and other data to plan and</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural	At least 10 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals.

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	<p>develop logistic program activities from conceptual stage through life-cycle of product. Develops and implements program activities, coordinates efforts of subcontractors, production departments, and field service personnel, and resolves problems in area of logistics to ensure meeting of contractual commitments. Develops and initiates preparation of handbooks, bulletins, and information systems to provide and supply logistics support. Compiles data on standardization and interchangeability of parts to expedite logistics activities. Determines logistic support sequences and time phasing, problems arising from location of operational area, and other factors, such as environmental and human factors affecting personnel. May perform special research or technical studies critical to logistic support functions. May utilize computer techniques for analysis, simulation or information systems and documentation.</p>	<p>sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
8	<p><b>Information Technology Specialist I</b> Functional Responsibilities. Manages the information systems design, development, and analysis encompassing one or more of the following areas of technical expertise: computer programming, systems analysis, computer programming/analysis, systems analysis, applications programming, software development, systems integration, and related disciplines. General experience includes increasing responsibilities in assignments of a technical nature. Proven ability to work independently or under only general direction on complex application problems involving all phases of systems analysis is required. Functional Responsibilities. Provides technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Coordinates with appropriate levels to ensure problem solution and user satisfaction. Makes recommendations, if needed, for approval of major systems installations. Prepares milestone status reports and deliveries/presentations on the system concept to colleagues, subordinates, and end user representatives. When required, provides daily supervision and direction to support staff.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 5 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
9	<p><b>Information Technology Specialist II</b> Functional Responsibilities. Manages the information systems design, development, and analysis encompassing one or more of the following areas of technical expertise: computer programming, systems analysis, computer programming/analysis, systems analysis, applications programming, software development, systems integration, and related disciplines. General experience includes increasing responsibilities in assignments of a</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences,</p>	<p>At least 8 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain</p>



LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	<p>technical nature. Proven ability to work independently or under only general direction on complex application problems involving all phases of systems analysis is required. Functional Responsibilities. Provides technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Coordinates with appropriate levels to ensure problem solution and user satisfaction. Makes recommendations, if needed, for approval of major systems installations. Prepares milestone status reports and deliveries/presentations on the system concept to colleagues, subordinates, and end user representatives. When required, provides daily supervision and direction to support staff.</p>	<p>mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>degree of creativity and latitude is required. Position may require a Security Experience.</p>
10	<p><b>Information Technology Specialist III</b>            Functional Responsibilities. Manages the information systems design, development, and analysis encompassing one or more of the following areas of technical expertise: computer programming, systems analysis, computer programming/analysis, systems analysis, applications programming, software development, systems integration, and related disciplines. General experience includes increasing responsibilities in assignments of a technical nature. Proven ability to work independently or under only general direction on complex application problems involving all phases of systems analysis is required. Functional Responsibilities. Provides technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Coordinates with appropriate levels to ensure problem solution and user satisfaction. Makes recommendations, if needed, for approval of major systems installations. Prepares milestone status reports and deliveries/presentations on the system concept to colleagues, subordinates, and end user representatives. When required, provides daily supervision and direction to support staff.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 10 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
11	<p><b>Computer Security Systems Specialist Jr.</b>            Functional Responsibilities Analyzes and defines security requirements. Designs, develops, engineers, and implements solutions computer security requirements. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the computer security arena. Performs risk analyses which also includes risk assessment. Provides daily supervision and direction to staff.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or</p>	<p>At least 4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and</p>

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
		business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	latitude is required. Position may require a Security Experience.
12	<b>Computer Security Systems Specialist, Intermediate</b> Functional Responsibilities Analyzes and defines security requirements. Designs, develops, engineers, and implements solutions computer security requirements. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the computer security arena. Performs risk analyses which also includes risk assessment. Provides daily supervision and direction to staff.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 6 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
13	<b>Computer Security Systems Specialist, Sr.</b> Functional Responsibilities Analyzes and defines security requirements. Designs, develops, engineers, and implements solutions computer security requirements. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the computer security arena. Performs risk analyses which also includes risk assessment. Provides daily supervision and direction to staff.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 8 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
14	<b>Subject Matter Expert I</b> Provide expert technical advice, guidance and direction for the improvement, modification, analysis, re-engineering and concepts of systems, processes, policies, and procedures for any functional area under consideration or review; provide broad and in-depth technical understanding on a system/service/agency/department-wide and international basis. Provides expert opinions, papers and analyses.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 6 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
15	<b>Subject Matter Expert II</b> Provide expert technical advice, guidance and direction for the improvement, modification, analysis, re-engineering and concepts of systems, processes, policies, and procedures for any functional area under	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering	At least 8 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	consideration or review; provide broad and in-depth technical understanding on a system/service/agency/department-wide and international basis. Provides expert opinions, papers and analyses.	technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
16	<b>Subject Matter Expert III</b> Provide expert technical advice, guidance and direction for the improvement, modification, analysis, re-engineering and concepts of systems, processes, policies, and procedures for any functional area under consideration or review; provide broad and in-depth technical understanding on a system/service/agency/department-wide and international basis. Provides expert opinions, papers and analyses.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 10 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
17	<b>Subject Matter Expert IV</b> Provide expert technical advice, guidance and direction for the improvement, modification, analysis, re-engineering and concepts of systems, processes, policies, and procedures for any functional area under consideration or review; provide broad and in-depth technical understanding on a system/service/agency/department-wide and international basis. Provides expert opinions, papers and analyses.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 12 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
18	<b>Schedule Analyst I</b> Functional Responsibilities, Designs, develops, programs, installs, implements, conducts research for, and maintains internal data processing computer systems and utilities, and/or for customers on a contract basis. Analyzes internal or external customers' needs, and determines equipment and software requirements for solutions to problems by means of automated systems; develops customized solutions to customer/user problems. Establishes system parameters and formats; ensures hardware/software compatibility; and coordinates and/or modifies user requirements in terms of existing and projected computer capacity and capabilities. Maintains supplied software packages for internal users.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	<p>Analyzes new hardware to determine its need or application in the existing or proposed system; advises on new techniques and estimated costs associated with new or revised programs and utilities, taking into consideration personnel, time, and hardware requirements, and makes trade-off analyses; develops general and detailed documentation describing system specifications and operating instructions.</p>		
19	<p><b>Schedule Analyst II</b>            Functional Responsibilities, Designs, develops, programs, installs, implements, conducts research for, and maintains internal data processing computer systems and utilities, and/or for customers on a contract basis. Analyzes internal or external customers' needs, and determines equipment and software requirements for solutions to problems by means of automated systems; develops customized solutions to customer/user problems. Establishes system parameters and formats; ensures hardware/software compatibility; and coordinates and/or modifies user requirements in terms of existing and projected computer capacity and capabilities. Maintains supplied software packages for internal users. Analyzes new hardware to determine its need or application in the existing or proposed system; advises on new techniques and estimated costs associated with new or revised programs and utilities, taking into consideration personnel, time, and hardware requirements, and makes trade-off analyses; develops general and detailed documentation describing system specifications and operating instructions.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 6 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
20	<p><b>Schedule Analyst III</b>            Functional Responsibilities, Designs, develops, programs, installs, implements, conducts research for, and maintains internal data processing computer systems and utilities, and/or for customers on a contract basis. Analyzes internal or external customers' needs, and determines equipment and software requirements for solutions to problems by means of automated systems; develops customized solutions to customer/user problems. Establishes system parameters and formats; ensures hardware/software compatibility; and coordinates and/or modifies user requirements in terms of existing and projected computer capacity and capabilities. Maintains supplied software packages for internal users. Analyzes new hardware to determine its need or application in the existing or proposed system; advises on new techniques and estimated costs associated with new or revised programs and utilities, taking into consideration personnel, time, and hardware requirements, and makes trade-off analyses; develops</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 8 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	general and detailed documentation describing system specifications and operating instructions.		
21	<p><b>Specialty Engineer I</b>            Functional Responsibilities. Applies an enterprise-wide set of disciplines for the planning, analysis, design and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise. Develops analytical and computational techniques and methodology for problem solutions. Performs enterprise wide strategic systems planning, business information planning, business and analysis. Performs process and data modeling in support of the planning and analysis efforts using both manual and automated tools; such as Integrated Computer- Aided Software Engineering (I-CASE) tools. Applies reverse engineering and re-engineering disciplines to develop migration strategic and planning documents. Has experience with such methodologies as IDEF 0 process modeling and IDEF 1X data modeling. Provides technical guidance in software engineering techniques and automated support tools.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 6 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
22	<p><b>Specialty Engineer II</b>            Functional Responsibilities. Applies an enterprise-wide set of disciplines for the planning, analysis, design and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise. Develops analytical and computational techniques and methodology for problem solutions. Performs enterprise wide strategic systems planning, business information planning, business and analysis. Performs process and data modeling in support of the planning and analysis efforts using both manual and automated tools; such as Integrated Computer- Aided Software Engineering (I-CASE) tools. Applies reverse engineering and re-engineering disciplines to develop migration strategic and planning documents. Has experience with such methodologies as IDEF 0 process modeling and IDEF 1X data modeling. Provides technical guidance in software engineering techniques and automated support tools.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 8 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
23	<p><b>Specialty Engineer III</b>            Functional Responsibilities. Applies an enterprise-wide set of disciplines for the planning, analysis, design and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise. Develops analytical and computational techniques and methodology for problem solutions. Performs enterprise wide strategic systems planning, business information planning, business and analysis. Performs process and data modeling in support of the planning and analysis efforts using both manual and automated tools; such as Integrated Computer- Aided Software Engineering (I-CASE) tools. Applies reverse engineering and re-</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements</p>	<p>At least 10 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>

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	engineering disciplines to develop migration strategic and planning documents. Has experience with such methodologies as IDEF 0 process modeling and IDEF 1X data modeling. Provides technical guidance in software engineering techniques and automated support tools.	may be reduced or increased with a Master's or no degree.	
24	<b>Functional Analyst 1</b> Serves as the lead analyst on large, technically complex projects. May be responsible for integrating results from multiple subtasks.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	0-2 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
25	<b>Functional Analyst 2</b> Demonstrated experience in determining users' functional and cross-functional requirements and extensive knowledge of users' core processes. Experience to include identification of resources, preparation of overall design and identification of in-depth requirements for system components.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
26	<b>Functional Analyst 3</b> Specific expertise in a technical discipline relevant to DoD IT such as Oracle, .NET, Delphi, JAVA, Windows OS, UNIX. Experience in contributing to analysis, design and/or development and implementation of systems and/or applications software.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 5-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
27	<b>Functional Analyst Lead</b> Demonstrated experience in DoD. Experience includes using industry proven techniques, e.g. Joint Application Design, Lean/Six Sigma Rapid Improvement Events, to	Bachelor's degree in computer science/systems, information systems/technology,	At least 7-9 years of experience in the field or in a related area. Familiar with standard concepts, practices,

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	incorporate functional requirements into new or existing systems.	engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
28	<p><b>Functional Analyst Principal</b></p> <p>Demonstrated senior level technical expertise in requirements development and implementation for large-scale highly complex computer systems, including knowledge of state of the art or emerging technologies. Able to function as the expert in a variety of technical areas. Experience in Oracle, .NET, Delphi, and/or web/multi-tier development. Experience in personally formulating technical solutions is required.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 10-12 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
29	<p><b>Software Developer 1</b></p> <p>Designs, develops, and implements software packages for web sites. Troubleshoots, debugs and implements software code. Has knowledge of standard concepts, practices, and procedures within a particular field (i.e., SQL, C++, HTML, CGI and JavaScript). Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a project leader or manager. A certain degree of creativity and latitude required.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	0-2years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
30	<p><b>Software Developer 2</b></p> <p>Designs, develops, and implements software packages for web sites. Troubleshoots, debugs and implements software code. Has knowledge of standard concepts, practices, and procedures within a particular field (i.e., SQL, C++, HTML, CGI and JavaScript). Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a project leader or manager. A certain degree of creativity and latitude required.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements	At least 2-44 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
		may be reduced or increased with a Master's or no degree.	
31	<p><b>Software Developer 3</b>  Consults with clients and other project team members to design, build and manage web sites. Develops installation programs for websites. May negotiate contracts/agreements with software vendors and other internet companies. Has knowledge of a variety of concepts, practices, and procedures within a particular field (i.e., SQL, C++, HTML, CGI and JavaScript). Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. Typically reports to a project leader or manager.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 5-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
32	<p><b>Software Developer Supervisor</b>  Consults with clients and other project team members to design, build and manage web sites. Develops installation programs for websites. May negotiate contracts/agreements with software vendors and other internet companies. Has knowledge of a variety of concepts, practices, and procedures within a particular field (i.e., SQL, C++, HTML, CGI and JavaScript). Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. Typically reports to a project leader or manager.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 7-9 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
33	<p><b>Software Developer Expert</b>  Consults with clients and other project team members to design, build and manage web sites. Develops installation programs for websites. May negotiate contracts/agreements with software vendors and other internet companies. Has knowledge of a variety of concepts, practices, and procedures within a particular field (i.e., SQL, C++, HTML, CGI and JavaScript). Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. Typically reports to a project leader or manager.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 16-18 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
34	<p><b>Systems Programmer 1</b>  Reviews, analyzes, develops, installs, and modifies computer operating systems. Analyzes and resolves problems associated with operating systems. Detects, diagnoses, and reports related problems. Has knowledge of commonly-used concepts, practices, and procedures within a particular field. Relies on instructions and pre-</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming,	0-2 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and



LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	established guidelines to perform the functions of the job. Works under immediate supervision.	management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
35	<b>Systems Programmer 2</b> Experience in analyzing systems requirements and performing logical and physical systems designs and reviews. Includes developing detailed flowcharts and instructions for programs, developing general run diagrams and process flowcharts.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
36	<b>Systems Programmer 3</b> Demonstrated experience in all levels of systems analysis, design definition, software development, systems test, implementation, and of applications. Demonstrated ability to design detailed programs, flowcharts, and diagrams indicating required actions and sequence of operations.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 5-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
37	<b>Systems Programmer Lead</b> Relies on extensive experience and judgement to plan and to accomplish goals. Leads and directs the work of others. Demonstrated experience in all levels of systems analysis, design definition, software development, systems test, implementation, and of applications. Demonstrated ability to design detailed programs, flowcharts, and diagrams indicating required actions and sequence of operations.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 7-9 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
38	<b>Systems Programmer Principal</b> Relies on extensive experience and judgement to plan	Bachelor's degree in computer science/systems,	At least 10-12 years of experience in the field or in a

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	and to accomplish goals. May provide consultation on complex projects and is considered to be the top-level contributor/specialist. Leads and directs the work of others. Demonstrated experience in all levels of systems analysis, design definition, software development, systems test, implementation, and of applications. Demonstrated ability to design detailed programs, flowcharts, and diagrams indicating required actions and sequence of operations.	information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
39	<b>Project Manager Deputy</b> Must be capable of planning, coordinating, and directing the activities of administrative, program control, and technical personnel involved in providing services in fulfillment of the contract. Must have a thorough understanding and experience in the complete life-cycle management of military systems. Must have knowledge and experience with Department of Defense (DOD)/Army plans, policies, standards, and methods aimed at the acquisition and support of military programs and resources for Army systems. Must be capable of managing and controlling schedules and cost to provide on time, within budget, performance of all aspects of the contractual effort. Must be capable of providing direction for operations and ensuring compliance with all management policies, plans, and procedures. Must be capable of providing recommendations for resolution of technical problems.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 7-9 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
40	<b>Programmer Analyst 1</b> Experience in supporting the and operating efficiency of a major subsystem, including, designing, coding, installing and maintaining systems software programs.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	0-2 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
41	<b>Programmer Analyst 2</b> Acts as the senior technical analyst for specialized functional related projects or activities. Performs or guides the performance of specialized functional support and provides guidance to other Task Order staff members in the performance of support specified in the applicable Task Orders. Participated in preparing briefings and	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming,	At least 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	presentations. Participates in the technical review of task Order services and post-project evaluations. May advise the Program or Project Manager in technical matters to ensure user satisfaction with end products. Prepares and delivers presentations to peers, subordinates, and user representatives.	management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
42	<b>Programmer Analyst 3</b> Acts as the senior technical analyst for specialized functional related projects or activities. Performs or guides the performance of specialized functional support and provides guidance to other Task Order staff members in the performance of support specified in the applicable Task Orders. Participated in preparing briefings and presentations. Participates in the technical review of task Order services and post-project evaluations. May advise the Program or Project Manager in technical matters to ensure user satisfaction with end products. Prepares and delivers presentations to peers, subordinates, and user representatives.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 5-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
43	<b>Programmer Analyst Lead</b> Acts as the senior technical analyst for specialized functional related projects or activities. Performs or guides the performance of specialized functional support and provides guidance to other Task Order staff members in the performance of support specified in the applicable Task Orders. Participated in preparing briefings and presentations. Participates in the technical review of task Order services and post-project evaluations. May advise the Program or Project Manager in technical matters to ensure user satisfaction with end products. Prepares and delivers presentations to peers, subordinates, and user representatives.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 7-9 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
44	<b>Computer Programmer 1</b> Analyzes functional business applications and design specifications for functional activities. Develops block diagrams and logic flow charts. Translates detailed design into computer software. Tests, debugs, and refines the computer software to produce the required product. Prepares required documentation, including both program-level and user-level documentation. Enhances software to reduce operating time or improve efficiency. Provides technical direction to programmers to ensure program deadlines are met.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	0-2 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
45	<b>Computer Programmer 2</b> Analyzes functional business applications and design	Bachelor's degree in computer science/systems,	At least 2-4 years of experience in the field or in a

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	<p>specifications for functional activities. Develops block diagrams and logic flow charts. Translates detailed design into computer software. Tests, debugs, and refines the computer software to produce the required product. Prepares required documentation, including both program-level and user-level documentation. Enhances software to reduce operating time or improve efficiency. Provides technical direction to programmers to ensure program deadlines are met.</p>	<p>information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
46	<p><b>Computer Programmer 3</b>  Analyzes functional business applications and design specifications for functional activities. Develops block diagrams and logic flow charts. Translates detailed design into computer software. Tests, debugs, and refines the computer software to produce the required product. Prepares required documentation, including both program-level and user-level documentation. Enhances software to reduce operating time or improve efficiency. Provides technical direction to programmers to ensure program deadlines are met.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 5-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
47	<p><b>Computer Programmer 4</b>  Analyzes functional business applications and design specifications for functional activities. Develops block diagrams and logic flow charts. Translates detailed design into computer software. Tests, debugs, and refines the computer software to produce the required product. Prepares required documentation, including both program-level and user-level documentation. Enhances software to reduce operating time or improve efficiency. Provides technical direction to programmers to ensure program deadlines are met.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 7-9 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
48	<p><b>Configuration Management Analyst 1</b>  Analyzes changes of product design to determine the effect on the end product design and function and determines and prepares documentation necessary for change. Coordinates with customers and manufacturers to determine a process for change reporting. Reviews released engineering change data and changes documenting activities to ensure adherence to configuration management procedures and policies. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education</p>	<p>0-2 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position</p>

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	and judgment to plan and accomplish goals. Performs a variety of complex tasks. Works under general supervision. Typically reports to a supervisor or manager.	and experience requirements may be reduced or increased with a Master's or no degree.	may require a Security Experience.
49	<p><b>Configuration Management Analyst 2</b>  Analyzes changes of product design to determine the effect on the end product design and function and determines and prepares documentation necessary for change. Coordinates with customers and manufacturers to determine a process for change reporting. Reviews released engineering change data and changes documenting activities to ensure adherence to configuration management procedures and policies. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of complex tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to a supervisor or manager.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
50	<p><b>Configuration Management Analyst 3</b>  Interprets guidance and directives, and prepares, publishes, and enforces configuration management and quality assurance procedures to ensure system integrity and quality. Prepares studies, plans, and other documentation as required. Receives, records, and processes documentation concerning changes to the baseline configuration. Maintains records of change status. Monitors and enforces documentation change procedures. Ensures that all documentation is current and correct. Establishes programming standards for the project.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 5-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
51	<p><b>Database Administrator 1</b>  Provides highly technical expertise in the use of DBMS. Evaluates and recommends available DBMS products and services to support validated user requirements. Defines file organization, indexing and security procedures for specific user applications.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	0-2 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
52	<p><b>Database Administrator 2</b>  Manages a staff of analysts responsible for the maintenance of the organization's database. May be responsible for data extraction, list or lead generation, or evaluating effectiveness of organizations' database.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering	At least 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to a head of a unit/department.	technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
53	<b>Database Administrator 3</b> Manages and or develops database projects. Provides highly technical expertise in the use of Data base Management systems (DBMS) concepts. Evaluates and recommends available DBMS products and services to support validated user requirements. Defines file organization, indexing and security procedures for specific user applications.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 5-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
54	<b>Database Administrator Lead</b> Manages and or develops database projects. Provides highly technical expertise in the use of Data base Management systems (DBMS) concepts. Evaluates and recommends available DBMS products and services to support validated user requirements. Defines file organization, indexing and security procedures for specific user applications.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 7-9 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
55	<b>Database Administrator Principal</b> Manages and or develops database projects. Provides highly technical expertise in the use of Data base Management systems (DBMS) concepts. Evaluates and recommends available DBMS products and services to support validated user requirements. Defines file organization, indexing and security procedures for specific user applications.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 10-12 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
56	<p><b>Designer/Illustrator 1</b> Creates graphs, charts, schematics, and two and three-dimensional drawings for use in technical reports for a variety of technical documents. work experience. May also require knowledge of standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a manager or head of a unit/department. A degree of creativity and latitude is expected.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>0-2 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
57	<p><b>Designer/Illustrator 2</b> Uses knowledge of current graphic design software to produce graphic art and visual materials for promotions, advertisements, films, packaging, and informative and instructional material through a variety of media outlets such as websites and CD-ROMs. Generates and manipulates graphic images, animations, sound, text and video into consolidated and seamless multimedia programs. Must remain abreast of technological advances in the field and be able to identify areas of use in the organization. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a supervisor or manager. A great deal of creativity and latitude is expected.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
58	<p><b>Designer/Illustrator 3</b> Uses knowledge of current graphic design software to produce graphic art and visual materials for promotions, advertisements, films, packaging, and informative and instructional material through a variety of media outlets such as websites and CD-ROMs. Generates and manipulates graphic images, animations, sound, text and video into consolidated and seamless multimedia programs. Must remain abreast of technological advances in the field and be able to identify areas of use in the organization. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a supervisor or manager. A great deal of creativity and latitude is expected.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 5-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
59	<p><b>Information Security Specialist 1</b> Completes tasks designed to ensure security of the organization's systems and information assets. Protects against unauthorized access, modification, or destruction. Works with end users to determine needs of individual</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering</p>	<p>0-2 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular</p>

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	departments, implements policies or procedures, and tracks compliance through the organization. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Typically reports to a supervisor or manager.	technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
60	<b>Information Security Specialist 2</b> Completes tasks designed to ensure security of the organization's systems and information assets. Protects against unauthorized access, modification, or destruction. Works with end users to determine needs of individual departments, implements policies or procedures, and tracks compliance through the organization. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a supervisor or manager.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
61	<b>Information Security Specialist 3</b> Completes tasks designed to ensure security of the organization's systems and information assets. Protects against unauthorized access, modification, or destruction. Works with end users to determine needs of individual departments, implements policies or procedures, and tracks compliance through the organization. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a supervisor or manager.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 5-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
62	<b>System Engineer 1</b> Apply expertise and knowledge of the full life-cycle engineering and technical development to support required programs. The Systems Engineer will support the Lead Systems Engineer in the design, development, integration, and test as a Software Systems Engineer. Will work closely with other engineers, technicians, and support staff to ensure customer's mission critical needs are met.	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	0-2 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.



LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
63	<p><b>System Engineer 2</b> Apply expertise and knowledge of the full life-cycle engineering and technical development to support required programs. The Systems Engineer will support the Lead Systems Engineer in the design, development, integration, and test as a Software Systems Engineer. Will work closely with other engineers, technicians, and support staff to ensure customer's mission critical needs are met.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
64	<p><b>System Engineer 3</b> Apply expertise and knowledge of the full life-cycle engineering and technical development to support required programs. The Systems Engineer will support the Lead Systems Engineer in the design, development, integration, and test as a Software Systems Engineer. Will work closely with other engineers, technicians, and support staff to ensure customer's mission critical needs are met.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 5-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
65	<p><b>Technical Writer 1</b> Assists in collecting and organizing information required for preparation of user's manuals, training materials, installation guides, proposals, and reports. Edits functional descriptions, system specifications, user's manuals, special reports, or any other customer deliverables and documents. Writes a variety of technical articles, reports, brochures, and/or manuals for documentation for a wide range of uses. May be responsible for coordinating the display of graphics and the production of the document. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>0-2 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
66	<p><b>Technical Writer 2</b> Assists in collecting and organizing information required for preparation of user's manuals, training materials, installation guides, proposals, and reports. Edits functional descriptions, system specifications, user's manuals, special reports, or any other customer</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software</p>	<p>At least 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on</p>

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	<p>deliverables and documents. Writes a variety of technical articles, reports, brochures, and/or manuals for documentation for a wide range of uses. May be responsible for coordinating the display of graphics and the production of the document. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department.</p>	<p>engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
67	<p><b>Technical Writer 3</b> Assists in collecting and organizing information required for preparation of user's manuals, training materials, installation guides, proposals, and reports. Edits functional descriptions, system specifications, user's manuals, special reports, or any other customer deliverables and documents. Writes a variety of technical articles, reports, brochures, and/or manuals for documentation for a wide range of uses. May be responsible for coordinating the display of graphics and the production of the document. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 5-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
68	<p><b>Training Instructor 1</b> Under close supervision presents basic training programs for customers. Tests trainees to measure their learning progress and to evaluate effectiveness of training presentations. Conducts training classes involving basic topics.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>0-2 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
69	<p><b>Training Instructor 2</b> Under very general direction develops and presents training programs for customers. Searches source materials to develop instructor training curriculum and participates in writing course documents. Works with outside vendors to schedule programs and to determine the training support materials required. Conducts training programs on topics and designs and helps to develop training program elements/modules.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences,</p>	<p>At least 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks.</p>

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
		mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	A certain degree of creativity and latitude is required. Position may require a Security Experience.
70	<p><b>Training Instructor 3</b>            With wide range of knowledge develops and presents complex training programs for customers. Tests trainees to measure their learning progress and to evaluate effectiveness of training presentations. Conducts training programs on complex topics and designs and develops training program elements/modules. Provides guidance and direction to less experienced trainers utilizing areas of expertise and training skills.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 5-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
71	<p><b>Training Instructor Expert</b>            Assists in collecting and organizing information required for preparation of user's manuals, training materials, installation guides, proposals, and reports. Edits functional descriptions, system specifications, user's manuals, special reports, or any other customer deliverables and documents. Writes a variety of technical articles, reports, brochures, and/or manuals for documentation for a wide range of uses. May be responsible for coordinating the display of graphics and the production of the document. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 16-18 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
72	<p><b>Training Instructor Lead</b>            Develops, oversees work of more junior trainers and presents complex training programs for customers. Conducts training programs on all topics and designs and develops training program elements/modules. Formulates training policies and schedules. Utilizes knowledge of identified training needs, company production processes, business systems or changes in products, procedures or services. Oversees and reviews the development of teaching aids including training manuals, demonstration models, reference materials and visual aids. Provides guidance and direction to less experienced trainers utilizing strong technical and training skills.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 7-9 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
73	<p><b>Web Developer 1</b> Responsible for designing, developing and debugging web sites and web based applications utilizing various technologies. Skill to design, develop and manage application databases. Create and maintain all documents during lifecycle of project.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>0-2 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
74	<p><b>Web Developer 2</b> Responsible for designing, developing and debugging web sites and web based applications utilizing various technologies. Skill to design, develop and manage application databases. Create and maintain all documents during lifecycle of project.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
75	<p><b>Web Developer 3</b> Responsible for designing, developing and debugging web sites and web based applications utilizing various technologies. Skill to design, develop and manage application databases. Create and maintain all documents during lifecycle of project.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>At least 5-7 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
76	<p><b>Web Developer Lead</b> Responsible for designing, developing and debugging web sites and web based applications utilizing various technologies. Skill to design, develop and manage application databases. Create and maintain all documents during lifecycle of project.</p>	<p>Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences,</p>	<p>At least 7-9 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks.</p>

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
		mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	A certain degree of creativity and latitude is required. Position may require a Security Experience.
77	<p><b>Web Developer Principal</b> Responsible for designing, developing and debugging web sites and web based applications utilizing various technologies. Skill to design, develop and manage application databases. Create and maintain all documents during lifecycle of project.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 10-12 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
78	<p><b>Web Developer Sr Principal</b> Relies on extensive experience and judgement to plan and to accomplish goals. Leads and directs the work of others. Responsible for designing, developing and debugging web sites and web based applications utilizing various technologies. Skill to design, develop and manage application databases. Create and maintain all documents during lifecycle of project.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 12-15 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
79	<p><b>Web Developer Manager</b> Relies on extensive experience and judgement to plan and to accomplish goals. May provide consultation on complex projects and is considered to be the top-level contributor/specialist. Leads and directs the work of others. Responsible for designing, developing and debugging web sites and web based applications utilizing various technologies. Skill to design, develop and manage application databases. Create and maintain all documents during lifecycle of project.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 10-12 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
80	<p><b>Team Leader - Computer Network Analysis</b> Participating in design and development activities Accomplishes tasks mainly through direct supervision of nonexempt and entry-level exempt employees. Monitors</p>	Bachelor's degree in computer science/systems, information systems/technology,	At least 4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	daily operations of a unit and actively assists, or provides direction to, subordinates as required.	engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
81	<p><b>Telecommunications Mechanic II</b>  Installs, tests, troubleshoots, programs, maintains, and repairs digital switching equipment, attendant consoles, power and ringing relay racks, miscellaneous telephone, radio, fire alarms, intrusion alarms, and computer data circuits and related apparatus required in the central switching office. Analyzes system failures and other unusual system occurrences to isolate the source of the problem and determine whether the failure is caused by software, hardware, or other factors. They maintain manual and/or computerized central office records, including detail records, traffic analysis records, cable records, line records, subscriber service records and spare parts inventories.</p>	High School Diploma	Experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
82	<p><b>Manager II - Computer Network Analysis</b>  Participating in design and development activities. Accomplishes results through subordinate supervisors, or exempt specialist employees. Responsible for all projects assigned to the organizational unit.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 8 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
83	<p><b>Sr. Computer Network Technologist II</b>  6 Years, with a B.S./B.A. in Engineering, Science, Information Systems or Mathematics. Applies extensive technical expertise, and has full knowledge of other related disciplines. Guides the successful completion of major programs and may function in a project leadership role.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements	At least 6 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
		may be reduced or increased with a Master's or no degree.	
84	<p><b>Principal Information System Technologist</b>            8 Years, with a B.S./B.A. in Engineering, Science, or Mathematics. Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Develops advanced technological ideas and guides their development into a final product.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 8 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
85	<p><b>Sr. Manager Information Systems Technology</b>            12 Years participating in design and development activities, with a B.S. /B.A. in Engineering, Science, or Math. Responsible for the results and effectiveness of a function considered to be of reasonable significant importance to the operating results of an operating Program or an assigned major geographical area considered to be of reasonably significant importance to the corporation's long-term success. Plans, directs and controls all business unit or function operations, which are usually of lesser overall importance than those at Level E08.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 12 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
86	<p><b>Senior Level Infrastructure Engineer</b>            Design a SharePoint 20XX environment, install/configure the environment for use, plan for the migration of data to the new platform, support initial data migration, and develop standard operating procedures for maintaining the environment.</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.	At least 2 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.
87	<p><b>CryENGINE Developer</b>            Have an understanding of current and relevant levels and breadth of training, education, experience, and expertise in the production of highly sophisticated databases for SOF training, mission rehearsal, and exercise support systems. Knowledgeable of CryEngine and CDB and familiar with SOFPREP's mission and purpose. Have a</p>	Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming,	At least 5 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	<p>general knowledge of SOF operations; USSOCOM mission training, planning, preview, and rehearsal systems, and DoD Geospatial Information and Services (GI&amp;S). Have proficiency and relevant experience with the following software and operating systems and shall gain knowledge and proficiency with relevant new software as required: CryEngine, SOCET SET/GXP, ERDAS, Terra Vista, TacForge/TopView, MultiGen Creator, ESRI ARC, and familiarity with XML files, NGA-GAIT, Adobe CS3, ELT 5500, Global Mapper, and Maya.</p>	<p>management, natural sciences, social sciences, mathematics or business/finance. Education and experience requirements may be reduced or increased with a Master's or no degree.</p>	<p>accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required. Position may require a Security Experience.</p>
88	<p><b>Training Analyst</b>            Establish training needs, develop goals and objectives, develop training programs, and apply the instructional system development (ISD) process. Possess and apply comprehensive knowledge across key tasks and high impact assignments. Assess, design, and conceptualize training scenarios, approaches, objectives, plans, tools, aids, curriculums, and other state of the art technologies related to training and behavioral studies. Identify the best approach training requirements and advise on revisions to training programs and courses, as necessary. Fully operate the Planning and Analysis System (PAS) based on training and exercise parameters for development, monitoring through execution, assessment, and evaluation. Provide input into required updates to PAS in order to meet requirements for implementation, as required. Respond to requests for information on PAS functions from internal and external users. Provide advice/guidance and participate with training instructors/educational specialists in the design and evaluation of training and performance assessments, and analyze workflows and software functionality in order to provide recommendations for improving software application.</p>	<p>Associate's Degree in a relevant field preferred, but not required. Possess a service equivalent Master Instruction Certification.</p>	<p>Demonstrated ten (10) years of experience applying training development knowledge and automation expertise for managing military training tasks, INCLUDING five (5) years of experience developing and evaluating the content, organization, style and standards of the individual and collective training products; OF WHICH three (3) years spent working with military training organizations (either as a civilian or military service member) in the last ten (10) years.</p>
89	<p><b>Operational Environment Designer</b>            Replicate complex operational environments essential to achieve the training objectives of client exercises. Ensure coordination with diverse, interconnected, and interdependent stakeholders – from exercise planners who establish an operational environment framework to role players who replicate the full range of actors in the battle space. Utilize DMR as the centralized repository of information into which planners can enter information about scenario personalities, and from which users, in terms of both exercise executioners and support personnel, as well as the training audience, can extract information. Author training scenario variables, historical data, key biographies, and operational environment smart books specific to each exercise. Provides input into required updates to DMR in order to meet requirements</p>	<p>Possess a Master's Degree in a related field, Doctoral Degree preferred, but not required.</p>	<p>Demonstrated two (2) years of experience working in conflict or unstable area (an unstable environment is defined as a "Critical" or "In Danger" country on the Foreign Policy Failed States Index); AND demonstrated two (2) years of experience working with or directly for Outside the Continental United States (OCONUS) programs in a developing country; AND demonstrated one (1) year of civil-military experience; or one (1) year</p>



LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	for implementation, as required. Respond to requests for information on DMR functions from internal and external users.		working with military formations (if not prior service) in the last ten (10) years
90	<p><b>Senior Software Engineer - Web</b>            Design, develop, and debug client-specific DMR instances and associated web-based applications utilizing various technologies. Design, develop, and manage DMR application databases. Ensure deployability, integration, and functionality of DMR through management of DMR code and web-based services. Create and maintain all documents during lifecycle of projects and client-specific product deployments. Provides input into required updates to DMR in order to meet requirements for implementation, as required. Respond to requests for information on DMR functions from internal and external users. Manage product integration with customer systems and network administrators, ensuring security and authentication processes comply with customer requirements. Conduct automated testing and quality assurance. Provide technical support to end users (external clients and/or colleagues) through training, demonstrations, and documentation. Design workflows and data management techniques to increase efficiencies, and maintain the quality of deliverables.</p>	Bachelor's Degree in Computer Science, Information Systems Management, or related discipline.	Five (5) years demonstrated experience developing web-based software solutions across all phases of the software development life cycle, from requirements gathering, analysis and design to development, testing, and implementation.
91	<p><b>Content Writer</b>            Author open source intelligence threads and media scripts. Develop and manage multiple storylines during a typical exercise, generally following the Political, Military, Economic, Social, Infrastructure, Information, Physical Environment, and Time (PMESII-PT) model. Ensure media content is submitted in accordance with timelines established during the exercise design and planning cycle. Ensure storylines are detailed, current, linked to the training scenario, integrated with the training objectives, and directly linked to other rotational products, e.g. intelligence threads, town narratives, individual biographies, and key actors. Provide input into required updates to DMR in order to meet requirements for implementation, as required.</p>	Possess a Bachelor's Degree in a related field.	Two (2) years of experience.
92	<p><b>Production Specialist</b>            Use knowledge of current graphic design software to produce graphic art and visual materials for informative and instructional materials replicating a variety of media outlets for deployment through DMR. Generate and manipulate graphic images, animations, sound, text, and video into consolidated and seamless multimedia products. Conduct on-site media engagements and production support during client-specific DMR use cases. Remain abreast of technological advances in the field and be able to identify areas of use in the organization.</p>	Possess an Associate's Degree in a related field. Two (2) years of experience may substitute for an Associate's Degree.	Two (2) years of experience in multimedia support. Demonstrated experience with graphic applications, website development, publishing, and graphic/media design.

LC #	Title / Functional Responsibility	Minimum Education	Minimum Years/ General Experience
	Familiar with standard concepts, practices, and procedures within a particular field. Rely on experience and judgment to plan and accomplish goals. Perform a variety of tasks. Work under general supervision, typically reporting to an Operational Environment Designer. A great deal of creativity and latitude is expected. Provide input into required updates to DMR in order to meet requirements for implementation, as required. Plan, coordinate, and create a variety of visual information products to communicate assigned information objectives, illustrate assigned message(s), and inform or attract and maintain audience attention.		
93	<p><b>Geospatial Data Analyst</b>  Provide technical expertise and instruction to support operations geospatial data management programs, resources, and staff. Provide similar technical expertise in support of external resources within the scope of modeling, simulations, and geographic Information systems services. Collect geospatial source data, imagery, cartographic, or other referenced images and files. Access and update geospatial databases in the Common Database (CDB) format within CDB Builder based on changes required to support the contingencies of dynamic operations. Provide input into required updates to CDB Builder in order to meet requirements for implementation, as required. Respond to requests for information on CDB Builder functions from internal and external users.</p>	Possess a Master's Degree in a related field. A Bachelor's Degree and five (5) years of experience may substitute for a Master's Degree.	Ten (10) years of related experience. Demonstrated five (5) years of experience utilizing GIS tools; AND demonstrated two (2) years working with military formations (if not prior service) in the last ten (10) years. Possess familiarity with standards for the geospatial industry promoted by the Open Geospatial Consortium

### Appendix 3 – SIN 132-41 Product Rates

SIN	Part Number / Description	UOI	GSA PRICE
<b>EPIC Ready Desktop Software</b>			
<b>Planning and Analysis System</b>			
132-41	PAS Desktop 30-Day Term License	Per License	\$365.24
132-41	PAS Desktop 90-Day Term License	Per License	\$1,095.72
132-41	PAS Desktop 365-Day Term License	Per License	\$3,652.39
132-41	PAS Desktop (Single Seat) Perpetual	Per License	\$9,062.97
132-41	PAS Desktop (Up to 4 Seats) Perpetual	Per License, Per Seat	\$7,047.86
132-41	PAS Desktop (Up to 10-19 Seats) Perpetual	Per License, Per Seat	\$6,035.26
132-41	PAS Desktop (Up to 34 Seats) Perpetual	Per License, Per Seat	\$5,793.45
132-41	PAS Desktop Enterprise (35+ Seats) Perpetual	Per License	\$201,511.34
<b>Digital Media Replicator</b>			
132-41	DMR Desktop*30-Day Term License	Per License	\$365.24
132-41	DMR Desktop*90-Day Term License	Per License	\$1,095.72
132-41	DMR Desktop*365-Day Term License	Per License	\$3,652.39
132-41	DMR Desktop (Single Seat)*Perpetual	Per License	\$9,062.97
132-41	DMR Desktop (Up to 4 Seats)*Perpetual	Per License, Per Seat	\$7,047.86
132-41	DMR Desktop (Up to 10-19 Seats)*Perpetual	Per License, Per Seat	\$6,035.26
132-41	DMR Desktop (Up to 34 Seats)*Perpetual	Per License, Per Seat	\$5,793.45
132-41	DMR Desktop Enterprise (35+ Seats)*Perpetual	Per License	\$201,511.34
<b>CDB Builder</b>			
132-41	CDB Builder Desktop 30-Day Term License	Per License	\$365.24
132-41	CDB Builder Desktop 90-Day Term License	Per License	\$1,095.72
132-41	CDB Builder Desktop 365-Day Term License	Per License	\$3,652.39
132-41	CDB Builder Desktop (Single Seat) Perpetual	Per License	\$9,062.97
132-41	CDB Builder Desktop (Up to 4 Seats) Perpetual	Per License, Per Seat	\$7,047.86
132-41	CDB Builder Desktop (Up to 10-19 Seats) Perpetual	Per License, Per Seat	\$6,035.26

132-41	CDB Builder Desktop (Up to 34 Seats)Perpetual	Per License, Per Seat	\$5,793.45
132-41	CDB Builder Desktop Enterprise (35+ Seats)Perpetual	Per License	\$201,511.34
<b>EPIC Ready Desktop Software Maintenance</b>			
132-41	Maintenance for Single Seat Perpetual License365-Day Service Agreement Requires a Perpetual License for at least one EPIC™ Ready Desktop Software product.	Per Agreement	\$1,812.59
132-41	Maintenance for Perpetual License Up to 4 Seats365-Day Service Agreement Requires a Perpetual License for at least one EPIC™ Ready Desktop Software product.	Per Agreement	\$1,409.57
132-41	Maintenance for Perpetual License Up to 19 Seats365-Day Service Agreement Requires a Perpetual License for at least one EPIC™ Ready Desktop Software product.	Per Agreement	\$1,207.05
132-41	Maintenance for Perpetual License Up to 34 Seats365-Day Service Agreement Requires a Perpetual License for at least one EPIC™ Ready Desktop Software product.	Per Agreement	\$1,158.69
132-41	Maintenance for Enterprise Perpetual License Over 35 Seats365-Day Service Agreement Requires a Perpetual License for at least one EPIC™ Ready Desktop Software product.	Per Agreement	\$40,302.27
<b>EPIC Ready Appliance</b>			
<b>EPIC Ready Suite</b>			
132-41	PAS Desktop Single Seat Perpetual License Appliance Add-OnPerpetual Requires a Perpetual License for at least one EPIC™ Ready Desktop Software product.	Per Appliance	\$9,062.97
132-41	DMR Desktop Single Seat Perpetual License Appliance Add-On*Perpetual Requires a Perpetual License for at least one EPIC™ Ready Desktop Software product.	Per Appliance	\$9,062.97

132-41	EPIC™ Ready Appliance with CDB Builder Desktop Single Seat Perpetual License Perpetual	Per Appliance	\$11,078.09
<b>EPIC Ready for Server</b>			
<b>Planning and Analysis System</b>			
132-41	EPIC™ Ready for Server PAS30-Day Term License	Per License	\$2,989.42
132-41	EPIC™ Ready for Server PAS90-Day Term License	Per License	\$8,968.26
132-41	EPIC™ Ready for Server PAS365-Day Term License	Per License	\$35,855.92
<b>Digital Media Replicator</b>			
132-41	EPIC™ Ready for Server DMR*30-Day Term License	Per License	\$2,989.42
132-41	EPIC™ Ready for Server DMR*90-Day Term License	Per License	\$8,968.26
132-41	EPIC™ Ready for Server DMR*365-Day Term License	Per License	\$35,855.92
<b>EPIC Ready Suite</b>			
132-41	EPIC™ Ready for Server CDB Builder30-Day Term License	Per License	\$996.47
132-41	EPIC™ Ready for Server CDB Builder90-Day Term License	Per License	\$2,989.42
132-41	EPIC™ Ready for Server CDB Builder365-Day Term License	Per License	\$11,951.64
<b>EPIC Ready Cloud Services</b>			
<b>EPIC Ready Suite</b>			
132-41	EPIC™ Ready Cloud Services Suite Large (Amazon EC2 d2.8xlarge Configuration, 36 vCPU, 116 ECU, 244 GB Memory, 24 x 2000 HDD GB Instance Storage, 6.198 Windows per Hour)*365-Day Subscription	Per License	\$97,125.26
132-41	EPIC™ Ready Cloud Services Suite Medium (Amazon EC2 d2.4xlarge Configuration, 16 vCPU, 56 ECU, 61 GB Memory, 12 x 2000 HDD GB Instance Storage, 3.062 Windows per Hour)*365-Day Subscription	Per License	\$66,124.83
132-41	EPIC™ Ready Cloud Services Suite Small (Amazon EC2 d2.2xlarge Configuration, 8 vCPU, 28 ECU, 61 GB Memory, 6 x 2000 HDD GB Instance Storage, 1.601 Windows per Hour)*365-Day Subscription	Per License	\$51,682.35

132-41	EPIC™ Ready Cloud Services Suite Large (Amazon EC2 d2.8xlarge Configuration, 36 vCPU, 116 ECU, 244 GB Memory, 24 x 2000 HDD GB Instance Storage, 6.198 Windows per Hour)*90-Day Subscription	Per License	\$24,075.77
132-41	EPIC™ Ready Cloud Services Suite Medium (Amazon EC2 d2.4xlarge Configuration, 16 vCPU, 56 ECU, 61 GB Memory, 12 x 2000 HDD GB Instance Storage, 3.062 Windows per Hour)*90-Day Subscription	Per License	\$16,431.83
132-41	EPIC™ Ready Cloud Services Suite Small (Amazon EC2 d2.2xlarge Configuration, 8 vCPU, 28 ECU, 61 GB Memory, 6 x 2000 HDD GB Instance Storage, 1.601 Windows per Hour)*90-Day Subscription	Per License	\$12,870.67
132-41	EPIC™ Ready Cloud Services Suite Large (Amazon EC2 d2.8xlarge Configuration, 36 vCPU, 116 ECU, 244 GB Memory, 24 x 2000 HDD GB Instance Storage, 6.198 Windows per Hour)*30-Day Subscription	Per License	\$8,025.26
132-41	EPIC™ Ready Cloud Services Suite Medium (Amazon EC2 d2.4xlarge Configuration, 16 vCPU, 56 ECU, 61 GB Memory, 12 x 2000 HDD GB Instance Storage, 3.062 Windows per Hour)*30-Day Subscription	Per License	\$5,477.28
132-41	EPIC™ Ready Cloud Services Suite Small (Amazon EC2 d2.2xlarge Configuration, 8 vCPU, 28 ECU, 61 GB Memory, 6 x 2000 HDD GB Instance Storage, 1.601 Windows per Hour)*30-Day Subscription	Per License	\$4,290.23
<b>Planning and Analysis System</b>			
132-41	EPIC™ Ready Cloud Services PAS365-Day Subscription	Per License	\$14,991.31
132-41	EPIC™ Ready Cloud Services PAS90-Day Subscription	Per License	\$3,741.25
132-41	EPIC™ Ready Cloud Services PAS30-Day Subscription	Per License	\$1,247.08
<b>Digital Media Replicator</b>			
132-41	EPIC™ Ready Cloud Services DMR*365-Day Subscription	Per License	\$14,953.65

132-41	EPIC™ Ready Cloud Services DMR*90-Day Subscription	Per License	\$3,731.85
132-41	EPIC™ Ready Cloud Services DMR*30-Day Subscription	Per License	\$1,243.95
<b>CDB Builder</b>			
132-41	EPIC™ Ready Cloud Services CDB Builder Large (Amazon EC2 d2.8xlarge Configuration, 36 vCPU, 116 ECU, 244 GB Memory, 24 x 2000 HDD GB Instance Storage, 6.198 Windows per Hour)365-Day Subscription	Per License	\$73,037.01
132-41	EPIC™ Ready Cloud Services CDB Builder Medium (Amazon EC2 d2.4xlarge Configuration, 16 vCPU, 56 ECU, 61 GB Memory, 12 x 2000 HDD GB Instance Storage, 3.062 Windows per Hour)365-Day Subscription	Per License	\$42,114.46
132-41	EPIC™ Ready Cloud Services CDB Builder Small (Amazon EC2 d2.2xlarge Configuration, 8 vCPU, 28 ECU, 61 GB Memory, 6 x 2000 HDD GB Instance Storage, 1.601 Windows per Hour)365-Day Subscription	Per License	\$27,708.27
132-41	EPIC™ Ready Cloud Services CDB Builder Large (Amazon EC2 d2.8xlarge Configuration, 36 vCPU, 116 ECU, 244 GB Memory, 24 x 2000 HDD GB Instance Storage, 6.198 Windows per Hour)90-Day Subscription	Per License	\$18,051.46
132-41	EPIC™ Ready Cloud Services CDB Builder Medium (Amazon EC2 d2.4xlarge Configuration, 16 vCPU, 56 ECU, 61 GB Memory, 12 x 2000 HDD GB Instance Storage, 3.062 Windows per Hour)90-Day Subscription	Per License	\$10,426.72
132-41	EPIC™ Ready Cloud Services CDB Builder Small (Amazon EC2 d2.2xlarge Configuration, 8 vCPU, 28 ECU, 61 GB Memory, 6 x 2000 HDD GB Instance Storage, 1.601 Windows per Hour)90-Day Subscription	Per License	\$6,874.51

132-41	EPIC™ Ready Cloud Services CDB Builder Large (Amazon EC2 d2.8xlarge Configuration, 36 vCPU, 116 ECU, 244 GB Memory, 24 x 2000 HDD GB Instance Storage, 6.198 Windows per Hour)30-Day Subscription	Per License	\$6,017.16
132-41	EPIC™ Ready Cloud Services CDB Builder Medium (Amazon EC2 d2.4xlarge Configuration, 16 vCPU, 56 ECU, 61 GB Memory, 12 x 2000 HDD GB Instance Storage, 3.062 Windows per Hour)30-Day Subscription	Per License	\$3,475.58
132-41	EPIC™ Ready Cloud Services CDB Builder Small (Amazon EC2 d2.2xlarge Configuration, 8 vCPU, 28 ECU, 61 GB Memory, 6 x 2000 HDD GB Instance Storage, 1.601 Windows per Hour)30-Day Subscription	Per License	\$2,291.51