AUTHORIZED FEDERAL SUPPLY SERVICE
INFORMATION TECHNOLOGY SCHEDULE PRICELIST GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY SOFTWARE AND SERVICES

SIN 132-33 / 132-33RC – PERPETUAL SOFTWARE LICENSES
FSC CLASS 7030 Information Technology Software

SIN 132-34 / 132-34RC – MAINTENANCE OF SOFTWARE AS A SERVICE

SIN 132-50 / 132-50RC – TRAINING COURSES (FPDS Code U012)

SIN 132-51 /132-51RC – INFORMATION TECHNOLOGY PROFESSIONAL SERVICES
FPDS Code D301 IT Facility Operation and Maintenance
FPDS Code D302 IT Systems Development Services
FPDS Code D306 IT Systems Analysis Services
FPDS Code D307 Automated Information Systems Design and Integration Services
FPDS Code D308 Programming Services
FPDS Code D310 IT Backup and Security Services
FPDS Code D311 IT Data Conversion Services
FPDS Code D313 Computer Aided Design/Computer Aided Manufacturing (CAD/CAM) Services
FPDS Code D316 IT Network Management Services
FPDS Code D317 Creation/Retrieval of IT Related Automated News Services, Data Services, or Other Information Services (All other information services belong under Schedule 76)
FPDS Code D399 Other Information Technology Services, Not Elsewhere Classified

CACI, INC.-FEDERAL
14370 Newbrook Drive, Chantilly, VA 20151
Telephone 703-679-4177
www.caci.com

Contract Number: GS-35F-4483G

Period Covered by Contract: March 19, 1997 – March 18, 2017

Prices Effective May 30, 2013

Pricelist current through Modification: PS-0034, Effective May 30, 2013

General Services Administration
Federal Acquisition Service

Products and ordering information in this Authorized FSS Information Technology Schedule Pricelist are also available on the GSA Advantage! System (http://www.gsaadvantage.gov).

Note 1:   All non-professional labor categories must be incidental to and used solely to support hardware, software and/or professional services, and cannot be purchased separately.

Note 2:   Offerors and Agencies are advised that the Group 70 – Information Technology Schedule is not to be used as a means to procure services which properly fall under the Brooks Act. These services include, but are not limited to, architectural, engineering, mapping, cartographic production, remote sensing, geographic information systems, and related services. FAR 36.6 distinguishes between mapping services of an A/E nature and mapping services which are not connected nor incidental to the traditionally accepted A/E Services.

Note 3:   This solicitation is not intended to solicit for the reselling of IT Professional Services, except for the provision of implementation, maintenance, integration, or training services in direct support of a product. Under such circumstances the services must be performance by the publisher or manufacturer or one of their authorized agents.

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INFORMATION FOR ORDERING ACTIVITIES
APPLICABLE TO ALL SPECIAL ITEM NUMBERS

SPECIAL NOTICE TO AGENCIES: Small Business Participation

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

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

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

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

1.   Geographic Scope of Contract

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

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

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

[   ]   The Geographic Scope of Contract will be overseas delivery only.

[   ]   The Geographic Scope of Contract will be domestic delivery only.

2.   Contractor's Ordering and Payment Address

Ordering Address	**Payment Address**
CACI, INC.-FEDERAL	CACI, INC.-FEDERAL
14370 Newbrook Drive	P.O. Box 418801
Chantilly, VA 20151	Boston, MA 02241-8801
Email: cacigsa@caci.com	
Telephone 703-679-4177	
Fax 703-679-3402	
Attn: GSA SALES	
Web Site: www.caci.com	

Contractors are required to accept credit cards for payments equal to or less than the micro-purchase threshold for oral or written delivery orders. Credit cards will be acceptable for payment above the micro-purchase threshold. In addition, bank account information for wire transfer payments will be shown on the invoice.

The following telephone number(s) can be used by ordering agencies to obtain technical and/or ordering assistance:

CACI GSA order office:	703-679-4177
CACI GSA Contracts Manager:	703-679-3207 or 703-679-3477

3. Liability for Injury or Damage

The Contractor shall not be liable for any injury to ordering activity personnel or damage to Ordering activity property arising from the use of equipment maintained by the Contractor, unless such injury or damage is due to the fault or negligence of the Contractor.

4. Statistical Data for Government Ordering Office Completion of Standard Form 279

Block 9: G. Order/Modification Under Federal Schedule

Block 16: Data Universal Numbering System (DUNS) Number: 114896066

Block 30: Type of Contractor – C- Large Business

Block 31: Woman-Owned Small Business: No

Block 36: Contractor's Taxpayer Identification Number (TIN): 54-1008371

4a. CAGE Code: 1QU78

4b. Contractor has registered with the Central Contractor Registration Database.

5. FOB Destination

6. Delivery Schedule

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

ITEMS OR GROUPS OF ITEMS (SIN or Nomenclature)	DELIVERY TIME (DAYS ARO)
132-33, 132-33RC, 132-34, 132-34RC	30 days
132-50, 132-50RC, 132-51, 132-51RC	As negotiated between the Ordering activity and CACI, INC.-FEDERAL

b.   URGENT REQUIREMENTS: When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, agencies are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering activity, any

order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

7. Discounts

    a. Prompt Payment: None offered.
    b. Quantity: None offered.
    c. Dollar Volume: To be negotiated on a case-by-case basis.
    d. Government Educational Institutions: None offered.
    e. Other: None offered.

8. Trade Agreements Act of 1979, as amended

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

9. Statement Concerning Availability of Export Packing

All packaging meets export packaging requirements.

10. Small Requirements

The minimum dollar value of orders to be issued is $100.

11. Maximum Order

(All dollar amounts are exclusive of any discount for prompt payment.)

    a. The Maximum Order value for the following Special Item Numbers (SINs) is $500,000:

        Special Item Number 132-33 / 132-33RC - Perpetual Software Licenses
        Special Item Number 132-34 / 132-34RC - Maintenance of Software
        Special Item Number 132-51 / 132-51RC - Information Technology (IT) Professional Services

    b. The Maximum Order value for the following Special Item Numbers (SINs) is $25,000:

        Special Item Number 132-50 / 132-50RC - Training Courses

12. Use of Federal Supply Service Information Technology Schedule Contracts

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

    a. FAR 8-405.1 Ordering procedures for supplies, and services not requiring a statement of work.

    b. FAR 8-405-2 Ordering procedures for services requiring a statement of work

13. Federal Information Technology/Telecommunication Standards Requirements

Federal departments and agencies acquiring products from this Schedule must comply with the provisions of the Federal Standards Program, as appropriate (reference: NIST Federal Standards Index). Inquiries to determine whether or not specific products listed herein comply with Federal Information Processing Standards (FIPS) or Federal Telecommunication Standards (FED-STDS), which are cited by ordering offices, shall be responded to promptly by the Contractor.

13.1 Federal Information Processing Standards Publications (FIPS PUBS)

Information Technology products under this Schedule that do not conform to Federal Information Processing Standards (FIPS) should not be acquired unless a waiver has been granted in accordance with the applicable "FIPS Publication." Federal Information Processing Standards Publications (FIPS PUBS) are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Information concerning their availability and applicability should be obtained from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161. FIPS PUBS include voluntary standards when these are adopted for Federal use. Individual orders for FIPS PUBS should be referred to the NTIS Sales Office, and orders for subscription service should be referred to the NTIS Subscription Officer, both at the above address, or telephone number (703) 487-4650.

13.2 Federal Telecommunication Standards (FED-STDS)

Telecommunication products under this Schedule that do not conform to Federal Telecommunication Standards (FED-STDS) should not be acquired unless a waiver has been granted in accordance with the applicable "FED-STD." Federal Telecommunication Standards are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Ordering information and information concerning the availability of FED-STDS should be obtained from the GSA, Federal Supply Service, Specification Section, 470 East L'Enfant Plaza, Suite 8100, SW, Washington, DC 20407, telephone number (202) 619-8925. Please include a self-addressed mailing label when requesting information by mail. Information concerning their applicability can be obtained by writing or calling the U.S. Department of Commerce, National Institute of Standards and Technology, Gaithersburg, MD 20899, telephone number (301) 975-2833.

14. Contractor Tasks/Special Requirements (C-FSS-370) (NOV 2001)

(a) Security Clearances: The Contractor may be required to obtain/possess varying levels of security clearances in the performance of orders issued under this contract. All costs associated with obtaining/possessing such security clearances should be factored into the price offered under the Multiple Award Schedule.

(b) Travel: The Contractor may be required to travel in performance of orders issued under this contract. Allowable travel and per diem charges are governed by Pub. L. 99-234 and FAR Part 31, and are reimbursable by the ordering agency or can be priced as a fixed price item on orders placed under the Multiple Award Schedule. The Industrial Funding Fee does NOT apply to travel and per diem charges.

NOTE: Refer to FAR Part 31.205-46 Travel Costs, for allowable costs that pertain to official company business travel in regards to this contract.

(c) Certifications, Licenses and Accreditations: As a commercial practice, the Contractor may be required to obtain/possess any variety of certifications, licenses and accreditations for specific FSC/service code classifications offered. All costs associated with obtaining/ possessing such certifications, licenses and accreditations should be factored into the price offered under the Multiple Award Schedule program.

(d) Insurance: As a commercial practice, the Contractor may be required to obtain/possess insurance coverage for specific FSC/service code classifications offered.   All costs associated with obtaining/possessing such insurance should be factored into the price offered under the Multiple Award Schedule program.

(e) Personnel: The Contractor may be required to provide key personnel, resumes or skill category descriptions in the performance of orders issued under this contract. Ordering activities may require agency approval of additions or replacements to key personnel.

(f) (f) Organizational Conflicts of Interest: Where there may be an organizational conflict of interest as determined by the ordering agency, the Contractor's participation in such order may be restricted in accordance with FAR Part 9.5.

(g) Documentation/Standards: The Contractor may be requested to provide products or services in accordance with rules, regulations, OMB orders, standards and documentation as specified by the agency's order.

(h) Data/Deliverable Requirements: Any required data/deliverables at the ordering level will be as specified or negotiated in the agency's order.

(i) Government-Furnished Property: As specified by the agency's order, the Government may provide property, equipment, materials or resources as necessary.

(j) Availability of Funds: Many Government agencies' operating funds are appropriated for a specific fiscal year. Funds may not be presently available for any orders placed under the contract or any option year. The Government's obligation on orders placed under this contract is contingent upon the availability of appropriated funds from which payment for ordering purposes can be made.   No legal liability on the part of the Government for any payment may arise until funds are available to the ordering Contracting Officer.

(k) Overtime: For professional services, the labor rates in the Schedule should not vary by virtue of the Contractor having worked overtime. For services applicable to the Service Contract Act (as identified in the Schedule), the labor rates in the Schedule will vary as governed by labor laws (usually assessed a time and a half of the labor rate).

15. Contract Administration for Ordering Activities

Any ordering activity, with respect to any one or more delivery orders placed by it under this contract, may exercise the same rights of termination as might the GSA Contracting Officer under provisions of FAR 52.212-4, paragraphs (l) Termination for the ordering activity's convenience, and (m) Termination for Cause (See 52.212-4)

16. GSA Advantage!

GSA Advantage! is an on-line, interactive electronic information and ordering system that provides on-line access to vendors' schedule prices with ordering information.   GSA Advantage! will allow the user to perform various searches across all contracts including, but not limited to:

  (1)   Manufacturer;
  (2)   Manufacturer's Part Number; and
  (3)   Product categories.

Agencies can browse GSA Advantage! by accessing the Internet World Wide Web utilizing a browser (ex.: NetScape). The Internet address is http://www.gsaadvantage.gov/.

17. Purchase of Open Market Items

NOTE: Open Market Items are also known as incidental items, noncontract items, non-Schedule items, and items not on a Federal Supply Schedule contract. ODCs (Other Direct Costs) are not part of this contract and should be treated at open market purchases. Ordering Activities procuring open market items must follow FAR 8.401(d).

For administrative convenience, an ordering activity contracting officer may add items not on the Federal Supply Multiple Award Schedule (MAS) -- referred to as open market items -- to a Federal Supply Schedule blanket purchase agreement (BPA) or an individual task or delivery order, **only if**-

(1) All applicable acquisition regulations pertaining to the purchase of the items not on the Federal Supply Schedule have been followed (e.g., publicizing (Part 5), competition requirements (Part 6), acquisition of commercial items (Part 12), contracting methods (Parts 13, 14, and 15), and small business programs (Part 19));

(2) The ordering activity contracting officer has determined the price for the items not on the Federal Supply Schedule is fair and reasonable;

(3) The items are clearly labeled on the order as items not on the Federal Supply Schedule; and

(4) All clauses applicable to items not on the Federal Supply Schedule are included in the order.

18. Contractor Commitments, Warranties and Representations

a. For the purpose of this contract, commitments, warranties and representations include, in addition to those agreed to for the entire schedule contract:

  (1)   Time of delivery/installation quotations for individual orders;

(2)   Technical representations and/or warranties of products concerning performance, total system performance and/or configuration, physical, design and/or functional characteristics and capabilities of a product/equipment/ service/software package submitted in response to requirements which result in orders under this schedule contract.

(3)   Any representations and/or warranties concerning the products made in any literature, description, drawings and/or specifications furnished by the Contractor.

b. The above is not intended to encompass items not currently covered by the GSA Schedule contract.

19. Overseas Activities

The terms and conditions of this contract shall apply to all orders for installation, maintenance and repair of equipment in areas listed in the pricelist outside the 48 contiguous states and the District of Columbia, except as indicated below:

No exceptions

Upon request of the Contractor, the ordering activity may provide the Contractor with logistics support, as available, in accordance with all applicable ordering activity regulations. Such ordering activity support will be provided on a reimbursable basis, and will only be provided to the Contractor's technical personnel whose services are exclusively required for the fulfillment of the terms and conditions of this contract.

20. Blanket Purchase Agreements (BPAs)

The use of BPAs under any schedule contract to fulfill repetitive needs for supplies or services is allowable. BPAs may be established with one or more schedule contractors. The number of BPAs to be established is within the discretion of the ordering activity establishing the BPA and should be based on a strategy that is expected to maximize the effectiveness of the BPA(s). Ordering activities shall follow FAR 8.405-3 when creating and implementing BPA(s).

21. Contractor Team Arrangements

Contractors participating in contractor team arrangements must abide by all terms and conditions of their respective contracts. This includes compliance with Clauses 552.238-74, Industrial Funding Fee and Sales Reporting, i.e., each contractor (team member) must report sales and remit the IFF for all products and services provided under its individual contract.

22. Installation, Deinstallation, Reinstallation

The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of $2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall received less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For

example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds $2,000, then the requirements of the Davis-Bacon Act applies.

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

23. Section 508 Compliance

If applicable, Section 508 compliance information on the supplies and services in this contract are available in Electronic and Information Technology (EIT) at the following: http://www.caci.com/Contracts/508.shtml

The EIT standard can be found at: www.Section508.gov/.

24. Prime Contractor Ordering from Federal Supply Schedules

Prime Contractors (on cost reimbursement contracts) placing orders under Federal Supply Schedules, on behalf of an ordering activity, shall follow the terms of the applicable schedule and authorization and include with each order –

(a)   A copy of the authorization from the ordering activity with whom the contractor has the prime contract (unless a copy was previously furnished to the Federal Supply Schedule contractor); and

(b)   The following statement:

This order is placed under written authorization from _____ dated _____. In the event of any inconsistency between the terms and conditions of this order and those of your Federal Supply Schedule contract, the latter will govern.

25. Insurance—Work on a Government Installation (Jan 1997)(FAR 52.228-5)

(a)   The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the contract.

(b)   Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—

(1) For such period as the laws of the State in which this contract is to be performed prescribe; or

(2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c)   The Contractor shall insert the substance of this clause, including this paragraph

(c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

26. Software Interoperability

Offerors are encouraged to identify within their software items any component interfaces that support open systems interoperability.   An item's interface may be identified as interoperable on the basis of participation in a Government agency-sponsored program or in an independent organization program.   Interfaces may be identified by reference to an interface registered in the component registry located at http:/www.core.gov.

27. Advance Payments

A payment under this contract to provide a service or deliver an article for the United States Government may not be more than the value of the service already provided or the article already delivered. Advance or pre-payment in not authorized or allowed under this contract. (31 U.S.C. 3324)

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TERMS AND CONDITIONS APPLICABLE TO PERPETUAL SOFTWARE LICENSES (SPECIAL ITEM NUMBER 132-33/132-33RC) AND MAINTENANCE AS A SERVICE (SPECIAL ITEM NUMBER 132-34/132-34RC) OF GENERAL PURPOSECOMMERCIAL INFORMATION TECHNOLOGY SOFTWARE

1. Inspection/Acceptance

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any software that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming software at no increase in contract price. The ordering activity must exercise its postacceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the software, unless the change is due to the defect in the software.

2. Guarantee/Warranty

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

CACI warrants that it has the right to grant a license as provided herein. **CACI** furthers warrants that the **Product** will perform substantially as described in the user documentation provided to **Licensee** for a period of one year following the date of shipment by **CACI**; provided that **Licensee** makes no change to the **Product**. In the event the **Product** fails to perform in accordance with its documentation, **Licensee's** remedy is to return the **Product** within said one year period for replacement or a refund of license fees paid, at **CACI's** option. All **Product** support services **("Services")** will be provided pursuant to **CACI's** Software Support Services Policy (see GSA Schedule price list), in a workmanlike manner, consistent with industry practice.

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

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

3. Technical Services

The Contractor, without additional charge to the ordering activity, shall provide a hot line technical support number 1-800-682-8049, Option 2 for the purpose of providing user assistance and guidance in the implementation of the software. The technical support number is available from 8:00 AM to 5:30PM Eastern Time.

4. Software Maintenance

a. Software maintenance as it is defined: (select software maintenance type):

    1. Software Maintenance as a Product (SIN 132-32 or SIN 132-33)

    Software maintenance as a product includes the publishing of bug/defect fixes via patches and updates/upgrades in function and technology to maintain the

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

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

___X   2.   Software Maintenance as a Service (SIN 132-34)

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

See <u>Software Support Services Policy</u> described on page 14 of this pricelist.

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

5. Periods of Maintenance (132-34/132-34RC)

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

b.   Maintenance may be discontinued by the ordering activity on thirty (30) calendar days written notice to the Contractor.

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

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

e.   Ordering activities should notify the Contractor in writing thirty (30) calendar days prior to the expiration of an order, if the term licenses and/or maintenance is to be terminated at

that time. Orders for the continuation of term licenses and/or maintenance will be required if the term licenses and/or maintenance is to be continued during the subsequent period.

6. Conversion from Term License to Perpetual License

Not applicable.

7. Term License Cessation

Not applicable.

8. Utilization Limitations - (132-33, 132-33RC, 132-34, and 132-34RC)

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

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

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

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

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

(4) The ordering activity shall have the right to use the computer software and documentation with the computer for which it is acquired at any other facility to

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

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

9. Software Conversions - (132-33)

Full monetary credit will be allowed to the ordering activity when conversion from one version of the software to another is made as the result of a change in operating system, or from one computer system to another. Under a perpetual license (132-33), the purchase price of the new software shall be reduced by the amount that was paid to purchase the earlier version.

A monetary credit will be allowed to the ordering activity when conversion from one version of the software to a Major Release. A "Major Release" is defined as a release of software that constitutes a new product baseline and is not provided under current Software Support. It is indicated by a higher number to the left of the decimal point (e.g.; Version 1.3 to 2.0). An example of a Major Release is the change from the character-based version of a system to the MS Windows based version of a system. The license fee payable for the Major Release will be reduced by an amount equal to 50% of the license fee that was paid to license the earlier version of the software.

10. Descriptions and Equipment Compatibility

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

11. Right-To-Copy Pricing

Right-to-copy pricing is not provided.

COMPRIZON™ SOFTWARE SUPPORT SERVICES POLICY

Software Support Services are provided by CACI, INC.-FEDERAL ("CACI") to licensed users ("Licensees") of CACI's Comprizon™ family of software products and their individual or collective

integrated capabilities as offered by CACI (collectively, the "Products") in consideration of an annual Software Support Services fee. NOTE: All terms in **"bold"** text are defined at the rear of this Software Support Services Policy.

1. Software Support Services

   CACI provides the following Software Support Services related to the then-current, commercially-available **Release** of the Products:

   a) **Updates**,

   b) **Upgrades**,

   c) **Error Correction** services, and

   d) **Help Desk** services. Help desk services will also be provided for the **Release** immediately preceding CACI's then-current, commercially-available **Release** of the Products, including any **Updates** or **Upgrades** thereto. See "Help Desk Operations."

   NOTE: Each Licensee shall designate no more than two (2) systems administrators - one as its primary designated point of contact (POC) for all Software Support Services, and the other as its secondary, or alternate, POC for all Software Support Services. All requests for Software Support Services, including Help Desk services, must be routed through Licensee's POCs. Licensee agrees to immediately notify CACI in writing of its designated POCs and any change in designated POCs. Software Support Services do not include **Upgrades** to **Major Releases** or any other service not specifically listed or described herein.   Such additional services are available from CACI under separate agreement.   Further, CACI shall not provide Software Support Services for any Products which Licensee has modified without CACI's expressed consent and written authorization.

2. Responsibilities

   CACI's Software Support Services personnel rely on teamwork with Licensees to ensure that the Products are functioning as specified in CACI's then-current **Documentation** (or **Documentation Updates**) and to successfully resolve any reproducible software errors Licensee may experience. Accordingly, Licensees are expected to:

   a) Install and use the Products in accordance with the instructions provided in the **Documentation** (and **Documentation Updates**),

   b) Install all **Updates** and **Upgrades** in a timely manner,

   c) Use reasonable efforts to maintain hardware, software, and LANs in good working order,

   d) Document all relevant information on operating conditions that CACI's Software Services personnel may reasonably require to reproduce a suspected software error and diagnose the problem, and

   e) Implement CACI recommended remedial, corrective or work-around procedures in a timely manner.

3. Help Desk Operations

   CACI will provide a toll-free telephone number which POCs may use during CACI's normal business hours ("Principal Period", or 8:30 a.m. to 5:30 p.m. Eastern Time, Monday through Friday, excluding Government holidays) to reach CACI's Help Desk. The Help Desk may also be reached via CACI's facsimile number or e-mail address.   CACI's response efforts begin when the POCs request for Software Support Services is received by the Help Desk. A "system down" call will receive immediate attention from CACI's Software Support Services personnel.   All other calls will be documented and the trouble report routed to a member of CACI's Software Support Services

organization who will take all reasonable measures to respond to the POC in accordance with the priority of the request. Calls to the Help Desk will be prioritized based on CACI's assessment of the severity of the problem based on the information provided by the Licensee.

Defined Terms:

1) <u>Documentation:</u> Any manuals provided by CACI with the Products to assist Licensees with the installation, use, operation, or administration of the Products.

2) <u>Documentation Updates:</u> Provided to Licensees by CACI to correct errors in the Documentation or as a part of a new release of the Product(s). Updates may be in the form of change pages, or reissued manual as determined by CACI.

3) <u>Help Desk:</u> Primary Licensee's telephone hotline interface to CACI's Software Support Services personnel for assistance in resolving questions about the Products including, but not limited to, installation and usage, configuration and reconfiguration, and system maintenance, administration and operation thereof.

4) <u>Software Trouble Report (STR):</u> A trouble report is generated by CACI each time it is thought that a software correction is required to fix a problem reported to CACI's Help Desk. This trouble report is used to track the problem to resolution. Each STR is numbered, prioritized, reviewed, acted upon and documented internally at CACI. Each release contains documentation regarding STRs that have been addressed in that release.

5) <u>Error Correction:</u> A resolution to a software or documentation error reported to CACI's Help Desk. Error Correction may take the form of a short-term work-around, Documentation Update, Maintenance Release, or a longer-term software correction provided in a Upgrade Release of the Product (by CACI to the Licensee), depending upon CACI's determination of the severity of the problem and/or the complexity of the solution. Maintenance Releases may be provided by CACI on an "as-needed" basis after Licensee has contacted, and worked through a problem with, CACI's Help Desk. However, most corrections are provided via regular Upgrade Releases of the Product.

6) <u>Release</u>: A software package, including associated documentation that is generated when the Product is modified for distribution to customers. There are three categories of Releases, as follows:

   a) <u>Maintenance Release</u>: Software package that contains fixes to outstanding software problems, or software changes resulting from changes to the Federal Acquisition Regulations ("FAR"), the Procurement Data System requirements and data elements, and related policy but no new software baseline functionality.   Maintenance Releases are indicated by a higher version number to the right of the letter; e.g. 2.3b01 to 2.3b02.

   b) <u>Enhancement Release</u>: Software package that contains enhancements such as new or redesigned functionality. Enhancement Releases are indicated by a higher version number to the right of the decimal point; e.g. Release 1.1b to 1.1c, or Release 1.1 to 1.2. A letter increment represents minor changes in functionality, whereas a number increment represents more significant enhancements. Enhancement Releases also include the types of changes included in Maintenance Releases.

   c) <u>Major Release</u>: A release that constitutes a new product baseline and is not provided under current product maintenance. It is usually indicated by a higher number to the left of the decimal point (e.g.; Version 1.3 to 2.0). An example of a Major Release is the change from the character-based version of Comprizon to the MS Windows based version of Comprizon.

7) Update: Changes/additions in Acquisition Regulation clauses.

8) <u>Upgrade:</u>   Movement to a new Release of the software; including Maintenance Releases, Enhancement Releases, and Major Releases.

9) <u>Problem Priorities</u>: CACI uses four problem priority levels to indicate the impact and importance of problems as follows:

<u>Emergency</u>   System Down or rendered effectively unusable for all users of the software at one or more sites. The goal is to address the problem immediately to get the site operational again.

<u>High</u>   More isolated problem with no workaround solution affecting multiple users at one or more sites. 1st priority repairs for next release.

<u>Medium</u>   Problem with a workaround solution affecting one or more users.

<u>Low</u>   Problem with little customer impact.

Problems are addressed in priority order with Emergency and High problems reviewed periodically by CACI management.

10) System Down: Situation where the problem in question has rendered the software unusable by all users at one or more sites.

Comprizon.Buy End-of-Life Statement

CACI, INC.-FEDERAL is committed to providing high quality, cost effective acquisition management solutions to our customers. To this end, CACI has released an End of Life (EOL) statement for the SACONS/Comprizon™.Buy client/server software application. CACI has now released a fully web-based suite of applications (Comprizon™Suite) as a replacement/upgrade alternative to the SACONs/Comprizon™.Buy legacy application.

With the establishment and maturity of Comprizon™Suite in the federal marketplace, CACI has determined that Comprizon™.Buy should be placed into an Extended-Life Phase, as the first step towards its retirement.

The purpose of the Extended-Life Phase is to afford our customers ample opportunity to plan for an orderly transition from Comprizon™.Buy to a more current technology base – Comprizon™Suite our web-based applications. Comprizon™.Buy will continue to be available for purchase and will be supported as outlined in the schedule below, however, no future enhancements for Comprizon™.Buy are planned or scheduled. CACI, INC.-FEDERAL will provide software support for Comprizon™.Buy software for the current Release (Version 5.9), which includes all Releases made available in the past 12 months. The Comprizon™.Buy maintenance on the GSA schedule includes Technical Support through e-mail, or telephone, as well as the provision of updates and upgrades as they become available for the currently released version of Comprizon™.Buy software. This remains in effect to all Comprizon™.Buy customers with current Maintenance contracts through the End of Maintenance (EOM) date listed below.

The following definitions apply to this End of Life statement:

Withdrawal from Market (WFM) Date: The Withdrawal from Market date reflects the beginning of the extended phase. This date signifies Comprizon™.Buy will no longer be available for new sales or new orders. From the WFM date through the End of Maintenance (EOM) date, Comprizon™.Buy will be supported by CACI, INC.-FEDERAL service packs and hot-fixes will be released, if determined by CACI, INC.-FEDERAL to be necessary.

End of Maintenance (EOM) Date: This date signifies that Comprizon™.Buy will no longer be maintained on a code modification basis. There will be a minimum of 12 months notice provided when announcing an EOM date. Once the EOM date is passed, there will be no further service packs or hot fixes created for Comprizon™.Buy. Technical phone support will continue to be available after this date for a maximum of six months. Support provided for correcting any issues reported from the EOM date until the End of Life (EOL) date will be limited to the recommendation of previous solutions to a problem and/or the application of existing patches. If the reported issues are unable to be corrected through these existing tools, then an upgrade path or migration to the latest version or Comprizon™Suite will be recommended.

After the EOM date, customers who continue to use Comprizon.Buy under agreed upon license conditions, may be able to purchase support on a labor hour basis using professional IT services provided under this GSA IT Schedule. However, specific terms and conditions will be negotiated in the order for these services and CACI Inc - FEDERAL may not be able to accommodate all such support.

End of Life (EOL) Date: This signals the end of life for the Comprizon™.Buy product. Once the EOL date has passed, telephone support and technical support will no longer be available for Comprizon™.Buy.

Once the Comprizon™.Buy end of life date has passed, the customer may continue to use the product within the terms of product licensing agreement but the support options available will be limited. While there may be historical information in the Knowledge Base or other online resources, it is no

longer updated and is provided on an as-is basis. The customer will be using the product within the terms of the product license as-is.

Comprizon™.Buy End of Life Schedule	
Withdrawal from Marketing (WFM)	October 1, 2005
Last supported software version	Comprizon™.Buy 5.9
Last Product Sales Date	September 30, 2006
Last Date of Sale for Support Contracts	October 1, 2006
End of Maintenance (EOM) Date	September 30, 2007
End of Life (EOL) Date	September 30, 2007

Once Comprizon™.Buy has been Withdrawn from Marketing, the maintenance coverage will continue to be available up to the End of Life date. Prior to the Last Date of Sale for Support Contracts, follow-up notification will be made to all maintenance-paying customers of record advising them of the EOM dates

Automated Procurement Pricelist

SIN 132-33 / 132-33RC

MODEL #	DESCRIPTION	GSA PRICE
COMPRIZON™ FULL SYSTEM LICENSE		
SWL-001	COMPRIZON FULL SYSTEM 1 USER	$3,136.07
SWL-006	COMPRIZON FULL SYSTEM 2-6 USERS	$7,910.58
SWL-016	COMPRIZON FULL SYSTEM 7-16 USERS	$14,237.41
SWL-032	COMPRIZON FULL SYSTEM 17-32 USERS	$24,576.56
SWL-048	COMPRIZON FULL SYSTEM 33-48 USERS	$36,711.23
SWL-064	COMPRIZON FULL SYSTEM 49-64 USERS	$47,617.07
SWL-080	COMPRIZON FULL SYSTEM 65-80 USERS	$58,369.31
SWL-096	COMPRIZON FULL SYSTEM 81-96 USERS	$63,779.18
SWL-112	COMPRIZON FULL SYSTEM 97-112 USERS	$67,713.52
SWL-128	COMPRIZON FULL SYSTEM 113-128 USERS	$74,821.17
SWL-144	COMPRIZON FULL SYSTEM 129-144 USERS	$83,614.97
SWL-160	COMPRIZON FULL SYSTEM 145-160 USERS	$92,160.90
SWL-176	COMPRIZON FULL SYSTEM 161-176 USERS	$99,973.74
SWL-192	COMPRIZON FULL SYSTEM 177-192 USERS	$107,487.50
SWL-208	COMPRIZON FULL SYSTEM 193-208 USERS	$115,142.08
SWL-250	COMPRIZON FULL SYSTEM 209-250 USERS	$138,110.44
SWLB	COMPRIZON FULL SYSTEM BUREAU 500 USERS	$307,077.73
SWLLB	COMPRIZON FULL SYSTEM LARGE BUREAU 1250 USERS	$412,896.54
SWLSD	COMPRIZON FULL SYSTEM SMALL DEPT. 2500 USERS	$577,590.86
SWLMD	COMPRIZON FULL SYSTEM MEDIUM DEPT. 5000 USERS	$807,977.42
SWLD	COMPRIZON FULL SYSTEM DEPT. 12500 USERS	$1,130,257.82
SWLLD	COMPRIZON FULL SYSTEM LARGE DEPT. 25000 USERS	$1,581,086.28
SWLXD	COMPRIZON FULL SYSTEM EXTRA LARGE DEPT. 50000 USERS	$2,209,955.67

Notes:

1. See page 11 for Terms and Conditions applying to the licensing of this software product.
2. Comprizon Full System is defined to be Purchasing and Contracting functionality. Full System capability refers to Comprizon.Buy for client/server version or Comprizon.Award for web-based solution.

MODEL #	DESCRIPTION	GSA PRICE
COMPRIZON™ EXTERNAL-USER DESKTOP SOFTWARE LICENSE		
SWL-EXT-10	COMPRIZON REQUISITIONING & REVIEW: DESKTOP MODULE 1-10 USERS	$197.71
SWL-EXT-50	COMPRIZON REQUISITIONING & REVIEW: DESKTOP MODULE 11-50 USERS	$117.92
SWL-EXT-100	COMPRIZON REQUISITIONING & REVIEW: DESKTOP MODULE 51-100 USERS	$83.34
SWL-EXT-500	COMPRIZON REQUISITIONING & REVIEW: DESKTOP MODULE 101-500 USERS	$53.20
SWL-EXT-UNLIM	COMPRIZON REQUISITIONING & REVIEW: DESKTOP MODULE > 500 USERS	$35.46

Notes:

1. See page 11 for Terms and Conditions applying to the licensing of this software product.
2. Comprizon External User Desktop is defined to be the Requisitioner/Customer module. This External User module permits procurement requests from external users: users outside the Contract Specialist community. This additional capability is offered as an additional add-on to Comprizon.Buy for client/server version or as Comprizon.Request for web-based solution.

SIN 132-34 / 132-34RC

MODEL #	DESCRIPTION	GSA PRICE
COMPRIZON™ SOFTWARE SUPPORT BUNDLED (PER MONTH PRICES - Renewed Annually):		
FULL SYSTEM SUPPORT SUBSCRIPTION		
SWSSF-001B	COMPRIZON FULL SYSTEM SUB 1 USER	$165.12
SWSSF-006B	COMPRIZON FULL SYSTEM SUB 2-6 USERS	$391.02
SWSSF-016B	COMPRIZON FULL SYSTEM SUB 7-16 USERS	$679.37
SWSSF-032B	COMPRIZON FULL SYSTEM SUB 17-32 USERS	$1,137.75
SWSSF-048B	COMPRIZON FULL SYSTEM SUB 33-48 USERS	$1,658.57
SWSSF-064B	COMPRIZON FULL SYSTEM SUB 49-64 USERS	$1,973.19
SWSSF-080B	COMPRIZON FULL SYSTEM SUB 65-80 USERS	$2,251.67
SWSSF-096B	COMPRIZON FULL SYSTEM SUB 81-96 USERS	$2,649.26
SWSSF-112B	COMPRIZON FULL SYSTEM SUB 97-112 USERS	$2,949.93
SWSSF-128B	COMPRIZON FULL SYSTEM SUB 113-128 USERS	$3,204.59
SWSSF-144B	COMPRIZON FULL SYSTEM SUB 129-144 USERS	$3,377.92
SWSSF-160B	COMPRIZON FULL SYSTEM SUB 145-160 USERS	$3,741.83
SWSSF-176B	COMPRIZON FULL SYSTEM SUB 161-176 USERS	$4,054.00
SWSSF-192B	COMPRIZON FULL SYSTEM SUB 177-192 USERS	$4,407.24
SWSSF-208B	COMPRIZON FULL SYSTEM SUB 193-208 USERS	$4,750.61
SWSSF-250B	COMPRIZON FULL SYSTEM SUB 209-250 USERS	$5,812.78
SWSSFBB	COMPRIZON FULL SYSTEM SUB BUREAU 500 USERS	$13,981.58
SWSSFLBB	COMPRIZON FULL SYSTEM SUB LARGE BUREAU 1250 USERS	$18,741.22
SWSSFSDB	COMPRIZON FULL SYSTEM SUB SMALL DEPT. 2500 USERS	$26,133.72
SWSSFMDB	COMPRIZON FULL SYSTEM SUB MEDIUM DEPT. 5000 USERS	$36,443.28
SWSSFDB	COMPRIZON FULL SYSTEM SUB DEPT. 12500 USERS	$50,818.35
SWSSFLDB	COMPRIZON FULL SYSTEM SUB LARGE DEPT. 25000 USERS	$70,862.44
SWSSFXDB	COMPRIZON FULL SYSTEM SUB EXTRA LARGE DEPT. 50000 USERS	$98,732.76
COMPRIZON™ EXTERNAL-USER DESKTOP SOFTWARE SUPPORT (PER-USER PRICES – Renewed Annually)		
SWSS-EXT-10	COMPRIZON REQUISITIONING & REVIEW: DESKTOP MODULE 1-10 USERS	$197.71
SWSS-EXT-50	COMPRIZON REQUISITIONING & REVIEW: DESKTOP MODULE 11-50 USERS	$117.92
SWSS-EXT-100	COMPRIZON REQUISITIONING & REVIEW: DESKTOP MODULE 51-100 USERS	$83.34
SWSS-EXT-500	COMPRIZON REQUISITIONING & REVIEW: DESKTOP MODULE 101-500 USRS	$53.20
SWSS-EXT-UNLIM	COMPRIZON REQUISITIONING & REVIEW: DESKTOP MODULE > 500 USERS	$35.46

Notes:
1. See page 14 for a description of the Software Support Services Policy
2. Term "Bundled" includes Comprizon Acquisition Regulation updates and Progress Software
3. Comprizon Full System is defined to be Purchasing and Contracting functionality. Full System capability refers to Comprizon.Buy for client/server version or Comprizon.Award for web-based solution.
4. Comprizon External User Desktop is defined to be the Requisitioner/Customer module. This External User module permits procurement requests from external users: users outside the Contract Specialist community. This additional capability is offered as an additional add-on to Comprizon.Buy for windows version or as Comprizon.Request for web-based solution.

**TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF
TRAINING COURSES FOR GENERAL PURPOSE COMMERCIAL
INFORMATION TECHNOLOGY EQUIPMENT AND SOFTWARE
(SPECIAL ITEM NUMBER 132-50/132-50RC)**

1. Scope

a. The Contractor shall provide training courses normally available to commercial customers, which will permit ordering activity users to make full, efficient use of general purpose commercial IT products. Training is restricted to training courses for those products within the scope of this solicitation.

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

2. Order

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

3. Time of Delivery

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

4. Cancellation and Rescheduling

a. The ordering activity will notify the Contractor at least seventy-two (72) hours before the scheduled training date, if a student will be unable to attend. The Contractor will then permit the ordering activity to either cancel the order or reschedule the training at no additional charge. In the event the training class is rescheduled, the ordering activity will modify its original training order to specify the time and date of the rescheduled training class.

b. In the event the ordering activity fails to cancel or reschedule a training course within the time frame specified in paragraph a, above, the ordering activity will be liable for the contracted dollar amount of the training course. The Contractor agrees to permit the ordering activity to reschedule a student who fails to attend a training class within ninety (90) days from the original course date, at no additional charge.

c. The ordering activity reserves the right to substitute one student for another up to the first day of class.

d. In the event the Contractor is unable to conduct training on the date agreed to by the Contractor and the ordering activity, the Contractor must notify the ordering activity at least seventy-two (72) hours before the scheduled training date.

5. Follow-Up Support

The Contractor agrees to provide each student with unlimited telephone support for a period of one (1) year from the completion of the training course. During this period, the student may contact the Contractor's instructors for refresher assistance and answers to related course curriculum questions. Students should call the Help Desk at 1-800-682-8049, Option 2 for assistance.

6. Price for Training

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

7. Invoices and Payment

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

8. Format and Content of Training

a. The Contractor shall provide written materials (i.e., manuals, handbooks, texts, etc.) normally provided with course offerings. Such documentation will become the property of the student upon completion of the training class.

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

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

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

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

(2) The length of the course;

(3) Mandatory and desirable prerequisites for student enrollment;

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

(5) The locations where the course is offered;

(6) Class schedules; and

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

e. For those courses conducted at the ordering activity's location, instructor travel charges (if applicable), including mileage and daily living expenses (e.g., per diem charges) are governed by Pub. L. 99-234 and FAR Part 31.205-46, and are reimbursable by the ordering activity on orders placed under the Multiple Award Schedule, as applicable, in effect on the

date(s) the travel is performed. Contractors cannot use GSA city pair contracts. The Industrial Funding Fee does NOT apply to travel and per diem charges.

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

9. "No Charge" Training

The Contractor shall describe any training provided with equipment and/or software provided under this contract, free of charge, in the space provided below.

None

Course Definitions-Training and Production Support

Course Title: Comprizon Contract Modifications (USR-5)

This course provides an in-depth focus on how to perform the modification function. Each of the four types of modifications (administrative, supplemental, etc.) will be presented through the three mod stages (administrative, supplemental, etc.) will be presented through the three mod stages (draft, issue, validate). Detailed instruction will be provided to ensure you know when to add line items, how to eliminate line items, how to increase/decrease the obligated funds, and when each action is appropriate.

Length of Course: 2 days
Prerequisite: Full System or Simplified Acquisition Training
Number of Students per Class: Min. 4; Max. 15
Course Location(s): CACI Training Center at Chantilly, VA.
Class Schedules: Published quarterly; contact the Help Desk at 1-800-682-8049, Option 2 for assistance.

Course Title: Comprizon Full System (USR-3)

This course provides hands-on instruction in the use of Comprizon to meet both simplified acquisition and contracting requirements. The course begins by familiarizing you with the Comprizon database structure and basic functionality. The first week emphasizes Simplified Acquisition procedures and the second week concentrates on contracting actions. The first half of the course is designed to teach you how to: enter a requisition; route it for review and approval and submit it to procurement; create a standard RFQ; transmit it for EDI; enter & evaluate bids; and, make an award. Instruction includes how to create a purchase order, an Agreement, a GSA/FSS delivery order, and a modification. In the second half of the course, you will instructed on how to create a contracting checklist (milestone plan), a solicitation, a solicitation amendment, a CBD notification, and a bidders mailing list (BML). In addition, you will be instructed on the process of bid entry & evaluation, as well as printing bid abstracts. Then you will be instructed on how to create and maintain various contract actions including modifications. This course includes lecture, discussion and hands-on training.

Length of Course: 10 days
Prerequisite: None
Number of Students per Class: Min. 4; Max. 15
Course Location(s): CACI Training Center at Chantilly, VA and Customer Location

Class Schedules: Published quarterly; contact the Help Desk at 1-800-682-8049, Option 2 for
    assistance.

Course Title: Comprizon Simplified Acquisition (USR-1)

This course is structured to teach you: Comprizon functions available to assist with the creation and maintenance of Simplified Acquisition awards. You will become familiar with the Comprizon database and the procurement processes involved.   The course covers the procurement cycle beginning with requisition entry and ending with the close-out of awards. Through a combination of lecture, discussion, and hands-on lab work, you will be instructed on how to create and amend a solicitation, through both EDI and more traditional methods, as well as how to use the tools available for entering and evaluating bids. You will also be instructed on how to use Comprizon award processes, to include purchase orders, Agreements, GSA/FSS delivery orders, modifications and receipts. This course includes lecture, discussion and hands-on training.

Length of Course: 5 days
Prerequisite: None
Number of Students per Class: Min. 4; Max. 15
Course Location(s): CACI Training Center at Chantilly, VA and Customer Location
Class Schedules: Published quarterly; contact the Help Desk at 1-800-682-8049, Option 2 for
    assistance.

Course Title: Comprizon Contracting (USR-2)

This interactive course is structured to teach you the complete set of Comprizon functions used in contracting. As an introduction, you will be familiarized with the database, the requisition entry & maintenance process, and the routing list and procurement models.   Through a combination of lecture, discussion, and hands on lab work, you will be instructed on how to produce and print solicitations, solicitation amendments and bidders' mailing list (BML), as well as the elements involved in EDI procedures. In addition, you will be instructed on how to create and maintain various contracts to include modifications. This course includes lecture, discussion and hands-on training.

Length of Course: 5 days
Prerequisite: None
Number of Students per Class: Min. 4; Max. 15
Course Location(s): CACI Training Center at Chantilly, VA and Customer Location
Class Schedules: Published quarterly; contact the Help Desk at 1-800-682-8049, Option 2 for
    assistance.

Course Title: Comprizon Administration (SA-2)

This course addresses the specific requirements for maintenance of Comprizon. It provides an introduction to small purchasing and contracting from the administrator's perspective. Through a combination of lecture, discussion, and hands-on lab work, you will be instructed on routine database procedures, including database set up and maintenance, file management, backups, archiving, tape rotation, index rebuild, and local clause creation. In addition, you will not only be instructed on how to set up print paths and perform a dump & reload, but you will also be introduced to ad hoc reporting and troubleshooting techniques. This course includes lecture, discussion and hands-on training.

Length of Course: 3 days
Prerequisite: Familiarity with your own operating system.
Number of Students per Class: Min. 4; Max. 15
Course Location(s): CACI Training Center at Chantilly, VA and Customer Location
Class Schedules: Published quarterly; contact the Help Desk at 1-800-682-8049, Option 2 for
                 assistance.

Course Title: Comprizon Ad-hoc Inquiry (SA-5)

This course, while intended as an introductory course, will take users with various experience levels through the basics of PROGRESS or SQL commands and the data dictionary. Through extensive and frequent hands-on lab exercises, you will be instructed on how to create, store, execute & print ad hoc results. During the PROGRESS/SQL programming section, you will be introduced to such concepts as programming structure, single and multiple file interaction, and report formatting. This course includes lecture, discussion and hands-on training.

Length of Course: 5 days
Prerequisite: **Comprizon** Administration Training or 3 months of production experience.
Number of Students per Class: Min. 4; Max. 15
Course Location(s): CACI Training Center at Chantilly, VA and Customer Location
Class Schedules: Published quarterly; contact the Help Desk at 1-800-682-8049, Option 2 for
                 assistance.

Course Title: Comprizon Intermediate Ad-hoc Inquiry (SA-6)

This hands-on course provides in-depth focus on intermediate PROGRESS or SQL programming. Concentration will be on adding flexibility to your ad hocs with advanced variable and array processing techniques; formatting ad hocs with the use of frames for polished, professional reports. You'll also learn about indexes and multiple file interactions. You are encouraged to bring specific examples and one empty diskette to class.

Length of Course: 5 days
Prerequisite: Comprizon Ad-hoc Inquiry Training or 3 months of production experience.
Number of Students per Class: Min. 4; Max. 15
Course Location(s): CACI Training Center at Chantilly, VA and Customer Location
Class Schedules: Published quarterly; contact the Help Desk at 1-800-682-8049, Option 2 for
                 assistance.

Course Title: Comprizon Advanced Ad-hoc Inquiry (SA-7)

This hands-on course provides in-depth focus on intermediate PROGRESS or SQL programming. You will concentrate on adding flexibility to your ad hocs with advanced variable and array processing techniques, formatting ad hocs with the use of frames for polished, professional reports. You'll also learn about indexes and multiple file interactions. You are encouraged to bring specific examples and one empty diskette to class. This course includes lecture, discussion and hands-on training.

Length of Course: 5 days
Prerequisite: Comprizon Intermediate Ad-hoc Inquiry Training or 3 months of production
                   experience.
Number of Students per Class: Min. 4; Max. 15
Course Location(s): CACI Training Center at Chantilly, VA and Customer Location

Class Schedules: Published quarterly; contact the Help Desk at 1-800-682-8049, Option 2 for
assistance.

Course Title: Comprizon For Managers (MGR-1)

This seminar is designed to provide you with the necessary information required to effectively manage your automated procurement office. Through a combination of lecture and discussion, you will be instructed on how to get the most from your Comprizon system; and evaluate workflow and your information management needs in relation to Comprizon reporting procedures and ad hoc capabilities. In addition, you will share management and operational strategies for improving the procurement process. This course includes lecture and discussion.

Length of Course: 3 days
Prerequisite: None
Number of Students per Class: Min. 4; Max. 15
Course Location(s): CACI Training Center at Chantilly, VA and Customer Location
Class Schedules: Published quarterly; contact the Help Desk at 1-800-682-8049, Option 2 for
assistance.

Course Title: Comprizon Requisition Entry (RE-1)

The Requisition Entry seminar is designed for procurement customers and procurement support personnel.   The procurement clerk responsible for data entry within the procurement office, budget personnel, and managers who approve expenditures are all likely to benefit from this one day Comprizon class. After a brief overview of the Comprizon database, topics covered include: requisition data entry; electronic review and approval procedures; financial interface functions; and, finally electronic submission of the funded requisition to the appropriate procurement subsystem or supervisor's worksheet. Finally, discussions include viewing the Customer module in the context of procurement policy and procedures. This course includes lecture, discussion and hands-on training.

Length of Course: 1 day
Prerequisite: None
Number of Students per Class: Min. 4; Max. 15
Course Location(s): CACI Training Center at Chantilly, VA and Customer Location
Class Schedules: Published quarterly; contact the Help Desk at 1-800-682-8049, Option 2 for
assistance.

Course Labor Category: Title: Comprizon Production Support

On-site floor support for Comprizon allows your users to benefit from the on-the-job training expertise of CACI personnel with experience in typical procurement operations. This training addresses issues or pressure points that the user and system administrators may encounter and helps improve the procurement workflow. On-site floor support allows for group or one-on-one interaction to facilitate solutions to database issues or problems. The work shall include, to the degree reasonable, conversion of certain data, system re-loads, resolution of problems with printer and communications drivers, and the like, either stand-alone or supported remotely by CACI staff located at CACI's plant. This course includes discussion and hands-on training.

Length of Course: 5 days
Prerequisite: None
Number of Students per Class: Min. 4; Max. 15

Course Location(s): Customer Location Only

Class Schedules: Published quarterly; contact the Help Desk at 1-800-682-8049, Option 2 for assistance.

All CACI location training courses provide one-to-one assignment of workstation to student. CACI provides all course materials and a Certificate of Training at the completion of each training course.

SIN 132-50 / 132-50RC	
TRAINING: COMPRIZON FULL SYSTEM (USR-3) — 10-Day Course	
CACI TRAINING CENTER (Attendance at published times):	
ST-IN-USR3 PER STUDENT	**$2,550.40**
CACI TRAINING CENTER (Negotiated times):	
ST-CIN-USR3 1-3 STUDENTS	**$6,966.63**
ST-CIN-USR3-4 4TH PLUS (PER STUDENT)	**$1,495.81**
CUSTOMER LOCATION:	
ST-CL-USR3 1-5 STUDENTS	**$9,065.49**
ST-CL-USR6 6TH PLUS (PER STUDENT)	**$1,040.56**
ADDITIONAL TRAINER REQUIRED FOR 15 OR MORE STUDENTS	**$5,863.01**
ST-FLSUP ON-FLOOR PRODUCTION SUPPORT: 5 DAYS	**$5,025.43**
TRAINING: COMPRIZON SIMPLIFIED ACQUISITION (USR-1) — 5-Day Course	
CACI TRAINING CENTER (Attendance at published times):	
ST-IN-USR1 PER STUDENT	**$1,449.09**
CACI TRAINING CENTER (Negotiated times):	
ST-CIN-USR1 1-3 STUDENTS	**$3,951.37**
ST-CIN-USR1-4 4TH PLUS (PER STUDENT)	**$847.43**
CUSTOMER LOCATION:	
ST-CL-USR1 1-3 STUDENTS	**$5,094.41**
ST-CL-USR1-4 4TH PLUS (PER STUDENT)	**$591.22**
ST-FLSUP ON-FLOOR PRODUCTION SUPPORT: 5 DAYS	**$5,025.43**
TRAINING: COMPRIZON CONTRACTING (USR-2) — 5-Day Course	
CACI TRAINING CENTER (Attendance at published times):	
ST-IN-USR2 PER STUDENT	**$1,449.09**
CACI TRAINING CENTER (Negotiated times):	
ST-CIN-USR2 1-3 STUDENTS	**$3,951.37**
ST-CIN-USR2-4 4TH PLUS (PER STUDENT)	**$847.43**
CUSTOMER LOCATION:	
ST-CL-USR2 1-3 STUDENTS	**$5,094.41**
ST-CL-USR2-4 4TH PLUS (PER STUDENT)	**$591.22**
ST-FLSUP ON-FLOOR PRODUCTION SUPPORT: 5 DAYS	**$5,025.43**
TRAINING: COMPRIZON CONTRACT MODIFICATIONS (USR-5) — 2-Day Course	
CACI TRAINING CENTER (Attendance at published times):	
ST-IN-USR5 PER STUDENT	**$1,188.26**
CACI TRAINING CENTER (Negotiated times):	
ST-CIN-USR5 1-3 STUDENTS	**$3,251.75**
ST-CIN-USR5-4 4TH PLUS (PER STUDENT)	**$696.67**
CUSTOMER LOCATION:	
ST-CL-USR5 1-3 STUDENTS	**$4,197.72**
ST-CL-USR5-4 4TH PLUS (PER STUDENT)	**$487.76**

Notes:

1. **See course definitions starting on page 24.**
2. **Travel will be charged in accordance with Government travel regulations.**
3. **Training resources must be allocated in advance; therefore, cancellations or deferrals must be received by CACI at least 10 days prior to scheduled start of an engagement.**

SIN 132-50 / 132-50RC	
TRAINING: COMPRIZON REQUISITION ENTRY (RE-1) — 1-Day Course	
CACI TRAINING CENTER (Attendance at published times):	
ST-IN-RE PER STUDENT	**$434.73**
CACI TRAINING CENTER (Negotiated times):	
ST-CIN-RE 1-6 STUDENTS	**$2,374.77**
ST-CIN-RE7 7TH PLUS (PER STUDENT)	**$254.23**
CUSTOMER LOCATION:	
ST-CL-RE 1-6 STUDENTS	**$3,064.52**
ST-CL-RE7 7TH PLUS (PER STUDENT)	**$177.37**
TRAINING: COMPRIZON AD HOC INQUIRY (SA-5) — 5-Day Course	
CACI TRAINING CENTER (Attendance at published times):	
ST-IN-SA5 PER STUDENT	**$1,449.09**
CACI TRAINING CENTER (Negotiated times):	
ST-CIN-SA5 1-3 STUDENTS	**$3,951.37**
ST-CIN-SA5-4 4TH PLUS (PER STUDENT)	**$847.43**
CUSTOMER LOCATION:	
ST-CL-SA5 1-3 STUDENTS	**$3,951.37**
ST-CL-SA5-4 4TH PLUS (PER STUDENT)	**$847.43**
TRAINING: COMPRIZON INTERMEDIATE AD HOC INQUIRY (SA-6) — 5-Day Course	
CACI TRAINING CENTER (Attendance at published times):	
ST-IN-SA6 PER STUDENT	**$1,622.97**
CACI TRAINING CENTER (Negotiated times):	
ST-CIN-SA6 1-3 STUDENTS	**$4,434.21**
ST-CIN-SA6-4 4TH PLUS (PER STUDENT)	**$1,005.08**
CUSTOMER LOCATION:	
ST-CL-SA6 1-3 STUDENTS	**$5,715.19**
ST-CL-SA6-4 4TH PLUS (PER STUDENT)	**$665.13**
TRAINING: COMPRIZON ADVANCED AD HOC INQUIRY (SA-7) — 5-Day Course	
CACI TRAINING CENTER (Attendance at published times):	
ST-IN-SA7 PER STUDENT	**$1,622.97**
CACI TRAINING CENTER (Negotiated times):	
ST-CIN-SA7 1-3 STUDENTS	**$4,434.21**
ST-CIN-SA7-4 4TH PLUS (PER STUDENT)	**$1,005.08**
CUSTOMER LOCATION:	
ST-CL-SA7 1-3 STUDENTS	**$5,715.19**
ST-CL-SA7-4 4TH PLUS (PER STUDENT)	**$665.13**
TRAINING: ADDITIONAL INSTRUCTOR (Required for a course with more than 15 students)	
ST-ADDI CUSTOMER LOCATION: ADDITIONAL INSTRUCTOR FOR MORE THAN 15 STUDENTS (PER WEEK)	**$5,222.51**
TRAINING: COMPRIZON ON-FLOOR PRODUCTION SUPPORT - 5 Days	
ST-FLSUP CUSTOMER LOCATION: ON FLOOR PRODUCTION SUPPORT	**$5,025.43**

Notes:

1. **See course definitions starting on page 24**
2. **Travel will be charged in accordance with Government travel regulations.**
3. **Training resources must be allocated in advance; therefore, cancellations or deferrals must be received by CACI at least 10 days prior to scheduled start of an engagement.**

SIN 132-50 / 132-50RC	
TRAINING: COMPRIZON FOR MANAGERS (MGR-1) — 3-Day Course	
CACI TRAINING CENTER (Attendance at published times):	
ST-IN-MGR1 PER STUDENT	$1,037.54
CACI TRAINING CENTER (Negotiated times):	
ST-CIN-MGR1 1-3 STUDENTS	$2,828.04
ST-CIN-MGR1-4 4TH PLUS (PER STUDENT)	$607.99
CUSTOMER LOCATION:	
ST-CL-MGR1 1-3 STUDENTS	$3,645.90
ST-CL-MGR1-4 4th PLUS (PER STUDENT)	$422.73
TRAINING: COMPRIZON ADMINISTRATION (SA-2) — 3-Day Course	
CACI TRAINING CENTER (Attendance at published times):	
ST-IN-SA2 PER STUDENT	$1,188.26
CACI TRAINING CENTER (Negotiated times):	
ST-CIN-SA2 1-3 STUDENTS	$3,251.75
ST-CIN-SA2-4 4TH PLUS (PER STUDENT)	$696.67
CUSTOMER LOCATION:	
ST-CL-SA2 1-3 STUDENTS	$4,197.72
ST-CL-SA2-4 4TH PLUS (PER STUDENT)	$487.76

Notes:

1. **See course definitions starting on page 24.**
2. **Travel will be charged in accordance with Government travel regulations.**
3. **Training resources must be allocated in advance; therefore, cancellations or deferrals must be received by CACI at least 10 days prior to scheduled start of an engagement.**

SIN 132-50 / 132-50RC	
COMPRIZON MANUALS	
SWD-IM COMPRIZON IMPLEMENTATION MANUAL	$70.79
SWD-UM COMPRIZON USER MANUAL	$141.57
SWD-SA TRAINING MANUAL - SYSTEM ADMINISTRATION	$61.35
SWD-AD TRAINING MANUAL - AD HOC INQUIRY	$61.35
SWD-SP TRAINING MANUAL - SMALL PURCHASE	$61.35
SWD-CM TRAINING MANUAL – CONTRACTS	$61.35
SWD-MM TRAINING MANUAL – MANAGER	$61.35

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

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 specific targets.   To the maximum extent practicable, ordering activity 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 1 – 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 (May 2001) (Deviation 1 – 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 – December 2007) 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 52.212-4 (OCT 2008) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to time-and-materials orders placed under this contract. For labor-hour orders, the Payment under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (OCT 2008) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to labor-hour orders placed under this contract. 52.216-31(Feb 2007) Time-and-Materials/Labor-Hour Proposal Requirements—Commercial Item Acquisition. As prescribed in 16.601(e)(3), insert the following provision:
(a) The Government contemplates award of a Time-and-Materials or Labor-Hour type of contract resulting from this solicitation.

(b) The offeror must specify fixed hourly rates in its offer that include wages, overhead, general and administrative expenses, and profit. The offeror must specify whether the fixed hourly rate for each labor category applies to labor performed by—
   (1) The offeror;
   (2) Subcontractors; and/or
   (3) Divisions, subsidiaries, or affiliates of the offeror under a common control.

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

General Information Technology Services
Description and Pricing

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Authorized Information Technology Schedule Pricelist

General Information Technology Services – SIN 132-51 / 132-51RC

Labor Category Number	SIN 132-51 / 132-51RC Labor Category Title	3/20/12 - 5/29/13	5/30/13 - 3/19/14	3/20/14 - 3/19/15	3/20/15 - 3/19/16	3/20/16 - 3/19/17
1	Acquisition Specialist I	$52.74	$54.26	$55.84	$57.46	$59.12
2	Acquisition Specialist II	$66.08	$67.99	$69.96	$71.99	$74.07
3	Acquisition Specialist III	$89.07	$91.64	$94.30	$97.03	$99.84
4	Acquisition Specialist IV	$106.34	$109.41	$112.59	$115.85	$119.21
5	Administrative Specialist I	$30.90	$31.80	$32.72	$33.67	$34.65
6	Administrative Specialist II	$39.37	$40.50	$41.68	$42.89	$44.13
7	Applications Engineer I	$56.36	$57.99	$59.67	$61.41	$63.19
8	Applications Engineer II	$62.00	$63.79	$65.65	$67.55	$69.51
9	Applications Engineer III	$70.16	$72.19	$74.28	$76.44	$78.66
10	Applications Engineer IV	$103.74	$106.74	$109.84	$113.02	$116.30
11	Applications Programmer I	$54.70	$56.28	$57.91	$59.59	$61.33
12	Applications Programmer II	$62.38	$64.19	$66.05	$67.97	$69.94
13	Applications Programmer III	$72.84	$74.95	$77.12	$79.36	$81.66
14	BPR Specialist I	$74.69	$76.85	$79.08	$81.38	$83.73
15	BPR Specialist II	$102.52	$105.49	$108.55	$111.69	$114.93
16	BPR Specialist III	$148.80	$153.10	$157.54	$162.11	$166.81
17	Chief Engineer/Scientist	$164.56	$169.33	$174.24	$179.29	$184.49
18	Communications Specialist I	$59.83	$61.56	$63.34	$65.18	$67.07
19	Communications Specialist II	$82.65	$85.04	$87.51	$90.05	$92.66
20	Computer Security Systems Specialist I	$60.62	$62.37	$64.19	$66.05	$67.97
21	Computer Security Systems Specialist II	$75.54	$77.72	$79.98	$82.29	$84.68
22	Computer Systems Analyst I	$44.76	$46.05	$47.39	$48.76	$50.17
23	Computer Systems Analyst II	$56.41	$58.04	$59.72	$61.46	$63.24
24	Computer Systems Analyst III	$79.25	$81.55	$83.91	$86.35	$88.86
25	Computer Systems Analyst IV	$115.97	$119.33	$122.78	$126.34	$130.01
26	Computer Systems Engineer I	$56.29	$57.92	$59.60	$61.34	$63.12
27	Computer Systems Engineer II	$78.65	$80.92	$83.27	$85.69	$88.18
28	Computer Systems Engineer III	$103.41	$106.40	$109.49	$112.66	$115.92
29	Configuration Management Specialist I	$40.03	$41.19	$42.39	$43.61	$44.88
30	Configuration Management Specialist II	$53.15	$54.69	$56.27	$57.90	$59.58
31	Data Conversion Specialist	$69.62	$71.63	$73.71	$75.84	$78.04
32	Data Entry Specialist I	$22.26	$22.90	$23.57	$24.25	$24.96
33	Data Entry Specialist II	$28.00	$28.81	$29.65	$30.51	$31.39
34	Data Standardization Specialist	$47.48	$48.85	$50.27	$51.74	$53.24
35	Database Administrator I	$69.86	$71.89	$73.97	$76.12	$78.32

Labor Category Number	SIN 132-51 / 132-51RC Labor Category Title	3/20/12 - 5/29/13	5/30/13 - 3/19/14	3/20/14 - 3/19/15	3/20/15 - 3/19/16	3/20/16 - 3/19/17
36	Database Administrator II	$82.50	$84.88	$87.34	$89.87	$92.48
37	Database Architect	$95.59	$98.35	$101.20	$104.14	$107.16
38	Database Programmer I	$64.96	$66.84	$68.77	$70.77	$72.82
39	Database Programmer II	$79.95	$82.26	$84.65	$87.11	$89.64
40	Documentation Specialist I	$45.81	$47.14	$48.51	$49.92	$51.37
41	Documentation Specialist II	$70.41	$72.45	$74.56	$76.72	$78.95
42	Functional Analyst	$59.83	$61.56	$63.34	$65.18	$67.07
43	Functional/Data Analyst I	$43.69	$44.95	$46.25	$47.59	$48.97
44	Functional/Data Analyst II	$66.40	$68.32	$70.30	$72.34	$74.43
45	Functional/Data Analyst III	$93.36	$96.07	$98.86	$101.73	$104.68
46	Hardware Technician I	$36.22	$37.27	$38.35	$39.45	$40.60
47	Hardware Technician II	$49.95	$51.40	$52.89	$54.43	$56.01
48	Help Desk Coordinator I	$46.24	$47.57	$48.95	$50.38	$51.84
49	Help Desk Coordinator II	$61.11	$62.88	$64.70	$66.58	$68.51
50	Help Desk Manager	$67.64	$69.60	$71.61	$73.69	$75.82
51	Information Systems Analyst I	$65.13	$67.01	$68.95	$70.95	$73.00
52	Information Systems Analyst II	$89.07	$91.64	$94.30	$97.03	$99.84
53	Logistician I	$43.69	$44.95	$46.25	$47.59	$48.97
54	Logistician II	$66.40	$68.32	$70.30	$72.34	$74.43
55	Military Logistician I	$66.08	$67.99	$69.96	$71.99	$74.07
56	Military Logistician II	$89.07	$91.64	$94.30	$97.03	$99.84
57	Network Manager I	$55.99	$57.61	$59.28	$61.00	$62.78
58	Network Manager II	$73.16	$75.28	$77.47	$79.71	$82.02
59	Network Specialist I	$56.72	$58.35	$60.05	$61.79	$63.58
60	Network Specialist II	$69.24	$71.24	$73.31	$75.43	$77.62
61	Operations Manager I	$54.76	$56.35	$57.98	$59.66	$61.40
62	Operations Manager II	$100.48	$103.39	$106.39	$109.47	$112.65
63	Program Manager I	$164.56	$169.33	$174.24	$179.29	$184.49
64	Program Manager II	$195.10	$200.75	$206.58	$212.57	$218.74
65	Program/Project Control Specialist I	$50.23	$51.68	$53.19	$54.73	$56.32
66	Program/Project Control Specialist II	$114.43	$117.74	$121.15	$124.67	$128.28
67	Project Manager I	$121.39	$124.90	$128.53	$132.25	$136.09
68	Project Manager II	$141.88	$145.99	$150.22	$154.57	$159.05
69	Publication/Graphics Specialist I	$36.50	$37.56	$38.65	$39.77	$40.91
70	Publication/Graphics Specialist II	$44.99	$46.28	$47.62	$49.00	$50.43
71	QA Specialist I	$60.62	$62.37	$64.19	$66.05	$67.97
72	QA Specialist II	$78.53	$80.80	$83.15	$85.56	$88.04
73	Security Systems Engineering Specialist I	$55.78	$57.40	$59.06	$60.77	$62.54
74	Security Systems Engineering Specialist II	$90.90	$93.54	$96.25	$99.04	$101.91
75	Subject Expert I	$82.69	$85.08	$87.55	$90.09	$92.70
76	Subject Expert II	$115.30	$118.64	$122.09	$125.63	$129.27

Labor Category Number	SIN 132-51 / 132-51RC Labor Category Title	3/20/12 - 5/29/13	5/30/13 - 3/19/14	3/20/14 - 3/19/15	3/20/15 - 3/19/16	3/20/16 - 3/19/17
77	Systems Administrator I	$58.66	$60.36	$62.11	$63.92	$65.77
78	Systems Administrator II	$65.67	$67.57	$69.54	$71.55	$73.63
79	Systems Administrator III	$82.65	$85.04	$87.51	$90.05	$92.66
80	Systems Engineer I	$54.70	$56.28	$57.91	$59.59	$61.33
81	Systems Engineer II	$75.54	$77.72	$79.98	$82.29	$84.68
82	Systems Engineer III	$95.59	$98.35	$101.20	$104.14	$107.16
83	Systems Programmer I	$71.76	$73.84	$75.99	$78.19	$80.46
84	Systems Programmer II	$82.27	$84.65	$87.11	$89.64	$92.24
85	Technical Writer/Editor I	$44.78	$46.07	$47.41	$48.78	$50.19
86	Technical Writer/Editor II	$61.87	$63.66	$65.51	$67.41	$69.37
87	Technician I	$34.23	$35.22	$36.24	$37.29	$38.37
88	Technician II	$41.71	$42.92	$44.17	$45.45	$46.77
89	Telecommunications Specialist I	$44.11	$45.39	$46.71	$48.06	$49.45
90	Telecommunications Specialist II	$54.43	$56.01	$57.63	$59.30	$61.02
91	Telecommunications Specialist III	$111.93	$115.17	$118.50	$121.94	$125.47
92	Training Specialist I	$48.92	$50.33	$51.80	$53.30	$54.84
93	Training Specialist II	$59.02	$60.73	$62.50	$64.31	$66.17
94	Sr. Database Specialist/Administrator	$72.78	$74.88	$77.05	$79.29	$81.59

Note: See Page 43 for Labor Category Descriptions

Authorized Information Technology Schedule Pricelist
Specialized Information Technology Services

Labor Category Number	SIN 132-51 / 132-51RC Labor Category Title	3/20/12 - 5/29/13	5/30/13 - 3/19/14	3/20/14 - 3/19/15	3/20/15 - 3/19/16	3/20/16 - 3/19/17
	Software Reengineering					
202	Reengineering Project Manager	$141.88	$145.99	$150.22	$154.57	$159.05
203	Sr. Reengineering Analyst	$103.74	$106.74	$109.84	$113.02	$116.30
204	Reengineering Analyst	$70.16	$72.19	$74.28	$76.44	$78.66
205	Reengineering Systems Analyst	$115.97	$119.33	$122.78	$126.34	$130.01
206	Reengineering	$95.59	$98.35	$101.20	$104.14	$107.16

Labor Category Number	SIN 132-51 / 132-51RC Labor Category Title	3/20/12 - 5/29/13	5/30/13 - 3/19/14	3/20/14 - 3/19/15	3/20/15 - 3/19/16	3/20/16 - 3/19/17
	Systems Engineer					
207	(RESERVED)					
208	Business Analyst	$74.68	$76.84	$79.07	$81.37	$83.72
	Simulation and Modeling					
301	Chief Simulation Scientist	$202.06	$207.91	$213.93	$220.14	$226.53
302	Sr. Simulation Modeler	$162.00	$166.69	$171.53	$176.50	$181.62
303	Simulation Modeler	$136.23	$140.17	$144.23	$148.41	$152.72
304	Simulation Programmer	$79.64	$81.94	$84.32	$86.77	$89.28
305	Sr. Simulation Analyst	$121.39	$124.90	$128.53	$132.25	$136.09
306	Simulation Analyst	$111.82	$115.06	$118.39	$121.83	$125.36
307	Sr. Simulation Database Modeler	$136.23	$140.17	$144.23	$148.41	$152.72
308	Simulation Database Programmer	$109.54	$112.71	$115.97	$119.34	$122.80
309	Simulation Technical Writer/Editor	$70.41	$72.45	$74.56	$76.72	$78.95
	Professional Services, Electronic Procurement and Contracting					
SC-PM	Electronic Procurement & Contracting Program Manager - (Only One Per Project)	$199.97	$205.76	$211.73	$217.86	$224.18
SC-SECC	Electronic Procurement and Contracting Consultant / Subsystem Manager	$199.97	$205.76	$211.73	$217.86	$224.18
SC-STS	Sr. Training Specialist	$150.22	$154.56	$159.04	$163.66	$168.40
SC-SS	Systems Scientist	$171.07	$176.02	$181.13	$186.38	$191.78
SC-SPA	Senior Procurement Analyst	$140.07	$144.12	$148.30	$152.61	$157.03

Labor Category Number	SIN 132-51 / 132-51RC Labor Category Title	3/20/12 - 5/29/13	5/30/13 - 3/19/14	3/20/14 - 3/19/15	3/20/15 - 3/19/16	3/20/16 - 3/19/17
SC-SSA	Senior Systems Analyst/ Manager	$136.53	$140.49	$144.56	$148.75	$153.06
SC-SA	Systems Analyst	$115.22	$118.56	$122.00	$125.53	$129.17
SC-PA	Programmer Analyst	$106.37	$109.44	$112.62	$115.88	$119.25
SC-CP	Computer Programmer	$97.53	$100.36	$103.27	$106.26	$109.34
SC-TW	Technical Writer/ Administrative Assistant	$79.72	$82.02	$84.40	$86.85	$89.37

Notes for EC Labor Categories

1. Installation is available at labor category rates in this price schedule.
2. Travel will be charged in accordance with Government travel regulations.
3. Staff resources must be allocated in advance; therefore, cancellations or deferrals must be received by CACI at least 10 days prior to scheduled start of an engagement.

Note: See page 74 for Specialized Labor Category Descriptions.

LABOR CATEGORY DESCRIPTIONS – SIN 132-51 / 132-51RC

1. Commercial Job Title: Acquisition Specialist I

Minimum/General Experience: Two years working experience in a technical or administrative discipline relating to defense materiel and/or services acquisition. For those also performing translator support functions, four years experience as a translator is provided. Working knowledge and/or familiarity with the DoD systems acquisition process, including pertinent Military Standards, foreign language (documented spoken and written proficiency/fluency) where required, and/or international program development/management/contracting. Working knowledge and/or familiarity with administrative support systems such as word processing, spreadsheet, graphics and illustration, computer aided design/drafting, and database systems.

Functional Responsibility: Provide technical and administrative services related to defense systems and/or services acquisition activities.   May also perform translator support functions when working with foreign government acquisition projects.   Provide a strong knowledge of the DoD systems acquisition process, including pertinent Military Standards, foreign government acquisition support requirements (where required) that support a program's development/management/contracting. Provide a working knowledge of supporting word processing, spreadsheet, graphics and illustration, computer aided design/drafting, and database systems.

Minimum Education: Associate's Degree or three years experience relevant to acquisition support as a substitute.

2. Commercial Job Title: Acquisition Specialist II

Minimum/General Experience: Eight years working experience in a technical or administrative discipline relating to defense materiel and/or services acquisition. For those also performing translator support functions, six years experience as a translator is provided. Working knowledge and/or familiarity with the DoD systems acquisition process, including pertinent Military Standards, foreign language (documented spoken and written proficiency/fluency) where required, international program development/management/contracting. Working knowledge and/or familiarity with administrative support systems such as word processing, spreadsheet, graphics and illustration, computer aided design/drafting, and database systems.

Functional Responsibility: Provide technical and administrative services related to defense systems and/or services acquisition activities.   May also perform translator support functions when working with foreign government acquisition projects.   Provide a strong knowledge of the DoD systems acquisition process, including pertinent Military Standards, foreign government acquisition support requirements (where required) that support a program's development/management/contracting. Provide a working knowledge of supporting word processing, spreadsheet, graphics and illustration, computer aided design/drafting, and database systems.

Minimum Education: Bachelor's degree in an engineering, business analysis, system functional analysis, quality management, database development, organizational strategic planning, or program management related discipline. Acceptable degree substitutes in computer science, math, physics or business can be used instead of the engineering degree. An Associates Degree in a discipline relating to systems acquisition support and four additional years of experience relevant to acquisition functions can be substituted for the Bachelor's Degree.

3. Commercial Job Title: Acquisition Specialist III

Minimum/General Experience: Fifteen years of working experience in engineering, business analysis, systems functional analysis, quality management, database development, international program development/management/contracting, organizational strategic planning, or data administration/standardization, related to acquisition support. Specific experience in a minimum of one of the following areas is also provided:

a. Evaluating, developing, and improving information architectures using BR/BPI methods and modeling techniques. Developing 'as-is' and 'to-be' case models and performing cases analysis using either government-approved modeling techniques and /or COTS object-oriented technology. Possess advanced training in modeling and simulation.
b. Facilitation, team building and long-range project planning, and/or hands-on facilitation and technography. Experienced in using COTS groupware in a workshop environment. Possess facilitator and groupware training.

c. Data modeling techniques, data standardization, relational database design and management systems, data dictionaries, and/or data quality management methodologies and formal advanced training in FIPS Pub 184 methodology is provided.

Functional Responsibility: Provide technical and administrative services related to defense systems and/or services acquisition activities. May also perform translator support functions when working with foreign government acquisition projects. Provide a strong knowledge of the DoD systems acquisition process, including pertinent Military Standards, foreign government acquisition support requirements (where required) that support a program's development/management/contracting. Work is supported by a working knowledge of supporting word processing, spreadsheet, graphics and illustration, computer aided design/drafting, and database systems.

Minimum Education: Bachelor's and Master's degrees in an engineering, business analysis, system functional analysis, quality management, database development, organizational strategic planning, or program management discipline. Acceptable degree substitutes in computer science, math, physics or business can be used instead of the engineering degree. A Bachelor's Degree in a discipline relating to systems acquisition support and five additional years of experience relevant to systems acquisition functions can be substituted for the Master's Degree. An additional 4 years of applicable experience can be used instead of Bachelor's degree.

4. Commercial Job Title: Acquisition Specialist IV

Minimum/General Experience: Twenty years of working experience in engineering, business analysis, systems functional analysis, quality management, database development, international program development/management/contracting, organizational strategic planning, or data administration/standardization, related to acquisition support. Specific experience in a minimum of one of the following areas is provided:

a. Evaluating, developing, and improving information architectures using BR/BPI methods and modeling techniques. Developing 'as-is' and 'to-be' case models and performing cases analysis using the either government-approved modeling techniques and /or COTS object-oriented technology. Possess advanced training in modeling and simulation.
b. Facilitation, team building and long-range project planning, and/or hands-on facilitation and technography experienced in using COTS groupware in a workshop environment. Possess facilitator and groupware training.
c. Data modeling techniques, data standardization, relational database design and management systems, data dictionaries, and/or data quality management methodologies and formal advanced training in FIPS Pub 184 methodology is provided.

Functional Responsibility: Provide technical and administrative services related to defense systems and/or services acquisition activities. May also perform translator support functions when working with foreign government acquisition projects. Provide a strong knowledge of the DoD systems acquisition process, including pertinent Military Standards, foreign government acquisition support requirements (where required) that support a program's development/management/contracting. Work is supported by a working knowledge of supporting word processing, spreadsheet, graphics and illustration, computer aided design/drafting, and database systems.

Minimum Education: Bachelor's and Master's degrees in an engineering, business analysis, system functional analysis, quality management, database development, organizational strategic planning, or program management discipline. Acceptable degree substitutes in computer science, math, physics or business can be used instead of the engineering degree. A Bachelor's Degree in a discipline relating to systems acquisition support and five additional years of experience relevant to systems acquisition functions can be substituted for the Master's Degree.

5. Commercial Job Title: Administrative Specialist I

Minimum/General Experience: Two years of experience providing administrative support, similar to that described under functional responsibility, and having knowledge and understanding of administrative concepts, regulations, policies, office automation and business practices.

Functional Responsibility: Responsible for the preparation of correspondence and technical documents in final form using Information Technology equipment and software. Assists in the development of correspondence guidelines and procedures. Reviews office correspondence, staff actions and reports prepared for management's signature for clarity, completeness, and grammatical and procedural correctness. Develops and maintains a standardized system for filing. Provides assistance in establishing and maintaining both centralized and decentralized office files, and management and record keeping systems including automated IT record management systems.

Minimum Education: Associate's Degree, or Administrative Support/Secretarial Certificate from a specialized business school. In lieu of education an additional two years of experience in administrative support is required.

6. Commercial Job Title: Administrative Specialist II

Minimum/General Experience: Minimum of four years of office and/or clerical work experience. Experience required includes: performing diversified clerical, administrative, and general office duties of a highly responsible and confidential nature to manager(s) and staff.   This position requires knowledge of applicable policies, organization, and a high level of technical skills using automation tools including word processing, graphics and records management. *Alternate Experience Requirements*:   A *Ma ste r' s   degree* (in the fields described below) requires one year applicable work experience.   A *Ph.D.* (in the fields described below) requires one year applicable work experience.   An *A sso ci a te' s   degree* (in the fields described below) requires one year specialized experience and one year of general experience. A degree is not required with two years of specialized experience and two years of general experience.

Functional Responsibility: Communicates and/or coordinates instructions with various individuals and/or departments.   Furnishes and obtains information from multiple sources.   Organizes and maintains files of correspondence and records including automated records management systems. Follows up on pending matters. Acts as a receptionist, screens telephone calls, letters, and/or visitors, answers routine questions and furnishes information.   Schedules appointments and coordinates arrangements for meetings and conferences, transcribes dictation, often of a technical and/or confidential nature. Composes and types routine letters and memorandum. Routes or answers routine correspondence not requiring manager's attention. Prepares special reports, gathering and summarizing data.   Organizes and expedites flow of work through manager's office.   Initiates follow-up action. May provide supervision, training and guidance to lower level administrative assistants. May use automated IT systems for communications, document preparation, and data storage and retrieval. May identify requirements for office automation.

Minimum Education: High School Diploma or equivalent.

7. Commercial Job Title: Applications Engineer I

Minimum/General Experience: Minimum of five years experience is required, of which three years must be specialized. Specialized experience required includes: experience as an applications programmer on large-scale database management systems, knowledgeable about computer equipment, and ability to develop software to satisfy design objectives. *Alternate Experience Requirements*: A *Ma ster's   degree* (in the fields described below) requires two years specialized experience and three years of general experience. A *Ph.D.* (in the fields described below) requires two years specialized experience and three years of general experience.   An *A sso cia te' s degree* (in the fields described below) requires four years specialized experience and eight years of general experience. A degree is not required with seven years of specialized experience and nine years of general experience.

Functional Responsibility: Under supervision of a lead or senior programmer analyst, designs, develops, codes and tests application programs using automated tools and prescribed methodology.   Develops design specifications, prepares program and systems documentation and report layouts, generates program test data and tests and debugs programs. Provides input to user documentation.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

8. Commercial Job Title: Applications Engineer II

Minimum/General Experience: Minimum of six years experience is required, of which four years must be specialized. Specialized experience required includes: experience as an applications programmer on large-scale database management systems, knowledge of computer equipment and ability to develop complex software to satisfy design objectives. General experience required includes: increasing responsibilities in software engineering activities. Knowledgeable of applicable standards. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires three years specialized experience and four years of general experience. A *Ph.D.* (in the fields described below) requires two years specialized experience and three years of general experience. An
A sso cia te' s   degree (in the fields described below) requires five years specialized experience and nine years of general experience. A degree is not required with eight years of specialized experience and ten years of general experience.

<u>Functional</u> <u>Responsibility</u>:   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.

<u>Minimum</u> <u>Education</u>:   Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

9.   Commercial Job Title: Applications Engineer III

<u>Minimum/General</u> <u>Experience</u>:   Minimum of ten years experience is required, of which eight years must be specialized. Specialized experience required includes: demonstrated experience working with Ada, SQL, and third/fourth generation languages in the design and implementation of systems and using database management systems. General experience required includes: managing and performing software engineering activities, increasing responsibilities in software engineering activities. Knowledgeable of applicable standards. *Alternate Experience Requirements*: A <u>*Ma ste r' s*</u> <u>*degree*</u> (in the fields described below) requires seven years specialized experience and eight years of general experience. A <u>*Ph.D.*</u> (in the fields described below) requires six years specialized experience and seven years of general experience.   An <u>*A sso cia te' s*</u> <u>*degree*</u> (in the fields described below) requires nine years specialized experience and twelve years of general experience. A degree is not required with eleven years of specialized experience and thirteen years of general experience.

<u>Functional</u> <u>Responsibility</u>:   Analyzes and studies complex system requirements.   Designs software tools and subsystems to support software reuse and domain analyses and manages their implementation. Manages software development and support using formal specifications, data flow diagrams, other accepted design techniques and Computer Aided Software Engineering (CASE) tools.   Estimates software development costs and schedule. Reviews existing programs and assists in making refinements, reducing operating time, and improving current techniques. Supervises software configuration management.

<u>Minimum</u> <u>Education</u>:   Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

10. Commercial Job Title: Applications Engineer IV

<u>Minimum/General</u> <u>Experience</u>:   Minimum of twelve years experience is required, of which nine years must be specialized. Specialized experience required includes: experience as an applications programmer on large-scale database management systems, knowledge of target computer equipment and ability to develop complex software to satisfy design objectives. General experience required includes: managing and performing software engineering activities, increasing responsibilities in software engineering activities. Knowledgeable of applicable standards. *Alternate Experience Requirements*: A <u>*Ma ster' s*</u> <u>*degree*</u> (in the fields described below) requires eight years specialized experience and ten years of general experience. A <u>*Ph.D.*</u> (in the fields described below) requires seven years specialized experience and nine years of general experience. An <u>*A sso cia te' s*</u> <u>*degree*</u> (in the fields described below) requires ten years specialized experience and fourteen years of general experience. A degree is not required with twelve years of specialized experience and fifteen years of general experience.

<u>Functional</u> <u>Responsibility</u>:   Leads meetings with functional/user management to define business systems requirements and to resolve problems in existing jobs. Analyzes cost and benefit trade-offs of systems solutions. Typically leads a team of other programmer analysts in any of the phases in the life cycle of application software. Leads development of systems design specifications, and prepares or reviews systems documentation and report layouts using automated tools, current design techniques or functional program specifications. Codes or reviews code of more complex programs, generates or reviews program test data, and leads test and debugging of programs. Reviews program and system documentation.

<u>Minimum</u> <u>Education</u>:   Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

11. Commercial Job Title: Applications Programmer I

<u>Minimum/General</u> <u>Experience</u>:   This position is for recent college graduates and requires **no experience.**   A minimum of a <u>*B a ch elo r' s*</u> <u>*degree*</u> (in the fields described below) is required for this category. A Master's Degree or Ph.D. can be substituted for the Bachelor's Degree requirement.

Functional Responsibility: Under supervision of a Senior Applications Engineer, designs, develops, codes and tests application programs using automated tools and prescribed methodology. Assists in developing design specifications, prepares program and systems documentation and report layouts, generates program test data and tests and debugs programs. Provides input to user documentation.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

12. Commercial Job Title: Applications Programmer II

Minimum/General Experience: Two years of experience providing computer software applications development and maintenance support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Participates in the analysis of functional business/technical applications and design specifications for functional activities. Assists in the development of block diagram and logic flow charts. Translates detailed design into computer application software. Tests, debugs, and refines the computer software to produce the required product. Helps to prepare required documentation, including both program-level and user-level documentation. Enhances software to reduce operating time or improve efficiency.

Minimum Education: Bachelor's Degree in a related engineering, computer science, physical science, or technical field.

13. Commercial Job Title: Applications Programmer III

Minimum/General Experience: Five years of experience providing computer software applications development and maintenance support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Analyzes functional business/technical applications and design specifications for functional activities. Develops block diagram and logic flow charts. Translates detailed design into computer application 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.

Minimum Education: Bachelor's Degree in a related engineering, computer science, physical science, or technical field.

14. Commercial Job Title: Business Process Re-engineering Specialist I

Minimum/General Experience: Minimum of ten years experience is required, of which eight years must be specialized. Specialized experience required includes: facilitation, training, methodology development and evaluation, process re-engineering across all phases, identifying best practices, change management, business management techniques, organizational development, activity and data modeling, or information systems development methods and practices. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires seven years specialized experience and eight years of general experience. A *Ph.D.* (in the fields described below) requires six years specialized experience and seven years of general experience. An *A sso cia te' s degree* (in the fields described below) requires nine years specialized experience and twelve years of general experience. A degree is not required with eleven years of specialized experience and thirteen years of general experience.

Functional Responsibility: Applies process improvement and re-engineering methodologies and principles to conduct process modernization projects. Functions include activity and data modeling, developing modern business methods, identifying best practices, and creating and assessing performance measurements. Provides group facilitation, interviewing, training, and provides additional forms of knowledge transfer. Applies intensive and diversified knowledge of engineering and practices in broad area of assignments. May be under the supervision and direction of a Principal Business Process Re-Engineering Specialist.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, Education, Management Sciences, Psychology, Human Resources Development/Management, or other related discipline.

15. Commercial Job Title: Business Process Re-engineering Specialist II

Minimum/General Experience: Minimum of twelve years experience, of which at least nine years must be specialized.   Specialized experience required includes: facilitation, training, methodology development and evaluation, process re-engineering across all phases, identifying best practices, change management, business management techniques, organizational development, activity and data modeling, or information systems development methods and practices. *Alternate Experience Requirements*: A *Ma ste r' s   degree* (in the fields described below) requires seven years specialized experience and ten years of general experience. A *Ph.D.* (in the fields described below) requires eight years specialized experience and twelve years of general experience. A minimum of a *Bachelor' s degree* (in the fields described below) is required for this category.

Functional Responsibility: Applies process improvement and re-engineering methodologies and principles to conduct process modernization projects. Responsible for effective organization or transitioning of any existing project teams, and the facilitation of project teams in the accomplishment of project activities and objectives. Provides group facilitation, interviewing, training, and provides additional forms of knowledge transfer.   Key coordinator between multiple project teams to ensure enterprise-wide integration of re-engineering efforts. Provides daily supervision and direction to Business Process Re-engineering Specialists.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, Education, Management Sciences, Psychology, Human Resources Development/Management,   or other related discipline.

16. Commercial Job Title: Business Process Re-engineering Specialist III

Minimum/General Experience: Minimum of fifteen years experience, of which at least ten years must be specialized.   Specialized experience required includes: facilitation, training, methodology development and evaluation, process re-engineering across all phases, identifying best practices, change management, business management techniques, organizational development, activity and data modeling, or information systems development methods and practices. *Alternate Experience Requirements*: A *Ma ste r' s   degree* (in the fields described below) requires nine years specialized experience and thirteen years of general experience. A *Ph.D.* (in the fields described below) requires eight years specialized experience and twelve years of general experience. A minimum of a *B a ch elo r' s degree* (in the fields described below) is required for this category.

Functional Responsibility: Applies process improvement and re-engineering methodologies and principles to conduct process modernization projects. Responsible for effective organization or transitioning of any existing project teams, and the facilitation of project teams in the accomplishment of project activities and objectives. Provides group facilitation, interviewing, training, and provides additional forms of knowledge transfer.   Key coordinator between multiple project teams to ensure enterprise-wide integration of re-engineering efforts. Provides daily supervision and direction to Business Process Re-engineering Specialists.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, Education, Management Sciences, Psychology, Human Resources Development/Management, or other related discipline.

17. Commercial Job Title: Chief Engineer/Scientist

Minimum/General Experience: Minimum of ten years experience is required, of which six years must be specialized. Specialized experience required includes: complete engineering project development from inception to deployment, demonstrated ability to provide technical guidance and direction in multiple tasks across several functional areas and including the use of different technologies. Proven expertise in applying information, telecommunications or related engineering technologies. Demonstrated skill in the management and control of funds and resources, demonstrated ability in managing complex multi-task contracts. General experience required includes: increasing responsibilities in information systems design and management.   *Alternate Experience Requirements*: A *Ma ster' s degree* (in the fields described below) requires five years specialized experience and eight years of general experience. A *Ph.D.* (in the fields described below) requires four years specialized experience and seven years of general experience.   A minimum of a *Bachelo r' s degree* (in the fields described below) is required for this category.

Functional Responsibility: Responsible for technical aspects of a program or project.   Provides effective management of assigned resources. Operates within client guidance, contractual limitations, and Company business

and policy directives. Serves as technical focal point of contact with client on program activities. In the absence of a program manager, performs those duties and ensures that all required resources including manpower, production standards, computer time, and facilities are available for program implementation. Acting as the program manager, manages program consisting of multiple projects including project identification, design, development and delivery. Confers with project manager to provide technical advice and to assist with problem resolution. May participate in contract negotiations.

<u>Minimum</u> <u>Education</u>: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

18. Commercial Job Title: Communications Specialist I

<u>Minimum/General Experience</u>:   Two years of experience providing communications planning/design support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

<u>Functional Responsibility</u>: Utilizes drafting software in developing comprehensive engineering drawing packages detailing the integration of data communications equipment, including PCs, modems, multiplexers, packet switch equipment and cryptographic equipment. Participates in the analysis of proposed equipment configurations for adherence to interface standards.   Maintains site-specific records such as schematics, telegrams, drawings and memoranda. Prepares documentation and correspondence associated with these responsibilities.

<u>Minimum Education</u>: Bachelor's Degree in a related engineering, computer science, physical science, or technical field. In lieu of education an additional four years of related experience is required.

19. Commercial Job Title: Communications Specialist II

<u>Minimum/General Experience</u>:   Five years of experience providing communications planning/design support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

<u>Functional Responsibility</u>: Utilizes drafting software in developing comprehensive engineering drawing packages detailing the integration of data communications equipment, including PCs, modems, multiplexers, packet switch equipment and cryptographic equipment. Analyzes proposed equipment configurations for adherence to interface standards.   Maintains site-specific records such as schematics, telegrams, drawings and memoranda.   Prepares documentation and correspondence associated with these responsibilities.

<u>Minimum Education</u>: Bachelor's Degree in a related engineering, computer science, physical science, or technical field. In lieu of education an additional four years of related experience is required.

20. Commercial Job Title: Computer Security Systems Specialist I

<u>Minimum/General Experience</u>: This position requires a minimum of eight years experience, of which at least six years must be specialized experience in defining computer security requirements for high level applications, evaluation of approved security product capabilities, and developing solutions to multi-level security (MLS) problems.   *Alternate Experience Requirements*: A <u>*Ma ster ' s*</u> <u>*degree*</u> (in the fields described below) requires five years specialized experience and seven years of general experience. A <u>*Ph.D.*</u> (in the fields described below) requires five years specialized experience and seven years of general experience.   An <u>*A s so cia te' s*</u> <u>*degree*</u> (in the fields described below) requires seven years specialized experience and eleven years of general experience. A degree is not required with ten years of specialized experience and twelve years of general experience.

<u>Functional</u> <u>Responsibility</u>: Analyzes and defines security requirements for Multilevel Security (MLS) issues. Designs, develops, engineers, and implements solutions to MLS requirements. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the MLS arena. Performs risk analyses that also includes risk assessment.

<u>Minimum</u> <u>Education</u>: Bachelor's degree in Electrical Engineering, Information Science, Information Systems, Computer Science, Physics, Math, or other related scientific or technical discipline.

21. Commercial Job Title: Computer Security Systems Specialist II

Minimum/General Experience: This position requires a minimum of ten years experience, of which at least eight years must be specialized experience in defining computer security requirements for high level applications, evaluation of approved security product capabilities, and developing solutions to multi-level security (MLS) problems.   *Alternate Experience Requirements*:   A *Ma ste r' s   degree* (in the fields described below) requires seven years specialized experience and eight years of general experience. A *Ph.D.* (in the fields described below) requires five years specialized experience and six years of general experience. An *A sso cia te' s   degree* (in the fields described below) requires nine years specialized experience and twelve years of general experience. A degree is not required with eleven years of specialized experience and thirteen years of general experience.

Functional Responsibility: Analyzes and defines security requirements for Multilevel Security (MLS) issues. Designs, develops, engineers, and implements solutions to MLS requirements. Responsible for the implementation and development of the MLS. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the MLS arena. Performs risk analyses that also includes risk assessment. Provides daily supervision and direction to staff.

Minimum Education: Bachelor's degree in Electrical Engineering, Information Science, Information Systems, Computer Science, Physics, Math, or other related scientific or technical discipline.

22. Commercial Job Title: Computer Systems Analyst I

Minimum/General Experience: This position is for recent college graduates and requires **no experience.** A minimum of a *B a ch elo r' s   degree* (in the fields described below) is required for this category. A Master's Degree or Ph.D. can be substituted for the Bachelor's Degree requirement.

Functional Responsibility: Works under general direction on computer systems that are moderately complex to analyze, plan, program, and operate. Assists in the analysis and development of computer software possessing a wide range of capabilities, including those in engineering, business, and records management. Develops plans for ADP systems from project inception to conclusion. Analyzes the problem and the information to be processed. Works with senior analysts to define the problem, and develop system requirements and program specifications, from which programmers prepare systems documentation, programs, and tests.   Coordinates closely with programmers to ensure proper implementation of program and system specifications.   Confers with functional proponents to determine application requirements and recommend system alternative solutions.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

23. Commercial Job Title: Computer Systems Analyst II

Minimum/General Experience: Minimum of six years experience, of which at least four years must be specialized. Specialized experience required includes: the analysis and design of business applications on complex, large-scale systems, including three years experience in data base management concepts. Knowledge of state-of-the-art storage and retrieval methods is required, as well as the ability to formulate specifications for computer programmers to use in coding, testing, and debugging of computer software, plus one year of systems analysis experience designing technical applications on computer systems. General experience required includes: increasing responsibilities in information systems design and management, and demonstrated work on requirements that are moderately complex to analyze, plan, program, and implement. *Alternate Experience Requirements*: A *Ma s ter's   degree* (in the fields described below) requires three years specialized experience and four years of general experience. A *Ph.D.* (in the fields described below) requires two years specialized experience and three years of general experience. An
A sso cia te' s   degree (in the fields described below) requires five years specialized experience and nine years of general experience. A degree is not required with eight years of specialized experience and ten years of general experience.

Functional Responsibility: Works independently or under general direction on computer systems that are moderately complex to analyze, plan, program, and operate. Analyzes and develops computer software possessing a wide range of capabilities, including numerous engineering, business, and records management. Develops plans for ADP systems from project inception to conclusion. Analyzes the problem and the information to be processed. Defines the problem, and develops system requirements and program specifications, from which programmers prepare systems documentation, programs, and tests. Coordinates closely with programmers to ensure proper

implementation of program and system specifications. Confers with functional proponents to determine application requirements and recommend system alternative solutions.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

24. Commercial Job Title: Computer Systems Analyst III

Minimum/General Experience: Minimum of ten years experience is required, of which eight years must be specialized. Specialized experience required includes: the analysis and design of business applications on complex, large-scale systems, including experience in data base management concepts. Knowledge of state-of-the-art storage and retrieval methods is required, as well as the ability to formulate specifications for computer programmers to use in coding, testing, and debugging of computer programs. General experience required 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 phase of systems analysis is required. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires six years specialized experience and eight years of general experience. A *Ph.D.* (in the fields described below) requires six years specialized experience and seven years of general experience. An *A sso cia te' s degree* (in the fields described below) requires nine years specialized experience and twelve years of general experience. A degree is not required with eleven years of specialized experience and thirteen years of general experience.

Functional Responsibility: Works independently or under only general direction on complex application problems involving all phases of systems analysis to provide resolutions. 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 the Project Manager 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. Provides technical direction to lower level systems analysts.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

25. Commercial Job Title: Computer Systems Analyst IV

Minimum/General Experience: Minimum of twelve years experience is required, of which nine years must be specialized. Specialized experience required includes: the analysis and design of business applications on complex, large-scale systems, including experience in data base management concepts. Knowledge of state-of-the-art storage and retrieval methods is required, as well as the ability to formulate specifications for computer programmers to use in coding, testing, and debugging of computer programs. General experience required 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 phase of systems analysis is required. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires eight years specialized experience and ten years of general experience. A *Ph.D.* (in the fields described below) requires seven years specialized experience and nine years of general experience. An *A sso cia te' s degree* (in the fields described below) requires ten years specialized experience and fourteen years of general experience. A degree is not required with twelve years of specialized experience and fifteen years of general experience.

Functional Responsibility: Works independently or under only general direction on complex application problems involving all phases of systems analysis to provide resolutions. 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 the Project Manager 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. Provides technical direction to lower level systems analysts.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

26. Commercial Job Title: Computer Systems Engineer I

Minimum/General Experience: Two years programming for DoD local area network systems, C2 operations and systems test experience. Working knowledge and/or familiarity with Defense Information Infrastructure Common Operating Environment (DII-COE), and higher order languages to support development of required software applications.

Functional Responsibility: Provide programming services for DoD local area networks, supports C2 operations and system testing. Provide technical support for the Defense Information Infrastructure Common Operating Environment (DII-COE), and programs in higher order languages.

Minimum Education: Bachelor's degree in computer science, software engineering, mathematics or related computer system discipline. Acceptable degree substitute: any two or four year degree from an accredited institution, plus, an additional two years of experience.

27. Commercial Job Title: Computer Systems Engineer II

Minimum/General Experience: Four years programming for DoD local area network systems, C2 operations and system test and/or Software Quality Assurance (SQA) experience. Working knowledge and/or familiarity with Defense Information Infrastructure Common Operating Environment (DII-COE), and higher order languages to support development of software applications.

Functional Responsibility: Provide programming services for DoD local area networks, supports C2 operations and system testing, and software quality assurance. Provide technical support for the Defense Information Infrastructure Common Operating Environment (DII-COE), and programs in higher order languages.

Minimum Education: Bachelor's degree in computer science, software engineering, mathematics or related computer system discipline. An additional 4 years of applicable experience can be used instead of Bachelor's degree.

28. Commercial Job Title: Computer Systems Engineer III

Minimum/General Experience: Six years experience as a computer systems hardware and software analyst, C2 operations, system test, and/or the Software Quality Assurance (SQA) discipline. When SQA experience is applicable, it will include SQA planning, implementation of procedures, program manning and performance and/or management of SQA reviews. Possess a working knowledge and/or familiarity with Defense Information infrastructure Common Operating Environment (DII-COE), DoD acquisition practices and policies and the higher order programming language specified in the task order to develop the required software.

Functional Responsibility: Provide programming services for DoD local area networks, supports C2 operations and system testing, and software quality assurance. Provide technical support for the Defense Information Infrastructure Common Operating Environment (DII-COE), and programs in higher order languages.

Minimum Education: Bachelor's degree and Masters Degree in computer science, software engineering, mathematics or related computer system discipline. An additional five years experience in systems engineering or information systems engineering may be substituted for a Master's degree. Acceptable substitute degrees in engineering or physics can be used instead of computer science degrees.

29. Commercial Job Title: Configuration Management Specialist I

Minimum/General Experience: Two years of experience providing software and hardware configuration/baseline control support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Provides configuration baseline control throughout the life cycle of information systems as well as its component software and hardware elements. Provides allocated, functional, and physical baseline control and audit support. Works closely with Configuration Control Boards (CCBs) to ensure all baseline changes are approved before initiation. Involved in the review of engineering change requests to assess impact upon configuration baseline and logistics support elements. Maintains configuration control records and technical documents. Works closely with quality assurance and management representatives to ensure an accurate and well documented product baseline.

<u>Minimum Education</u>: Bachelor's Degree in a related engineering, computer science, physical science, or technical field. In lieu of education an additional four years of related experience is required.

30. Commercial Job Title: Configuration Management Specialist II

<u>Minimum/General Experience</u>: Five years of experience providing software and hardware configuration/baseline control support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

<u>Functional Responsibility</u>: Provides configuration baseline control throughout the life cycle of information systems as well as its component software and hardware elements. Provides allocated, functional, and physical baseline control and audit support. Works closely with Configuration Control Boards (CCBs) to ensure all baseline changes are approved before initiation. Reviews engineering change requests to assess impact upon configuration baseline and logistics support elements. Maintains configuration control records and technical documents. Works closely with quality assurance and management representatives to ensure an accurate and well documented product baseline.

<u>Minimum Education</u>: Bachelor's Degree in a related engineering, computer science, physical science, or technical field. In lieu of education an additional four years of related experience is required.

31. Commercial Job Title: Data Conversion Specialist

<u>Minimum/General Experience</u>: Minimum of seven years of experience, with five years specialized experience. Specialized experience required includes: program management, system design and system analysis. Must have high degree of technical proficiency in the design of database applications. Must be knowledgeable of the operating interrelationships between database and the organization's other systems. Must have experience with current operating system software internals and data manipulation languages. General experience required includes: working on large, complex database design projects. Requires experience as a technical lead, providing guidance and direction to less experienced database administrators and other support personnel in the design and monitoring of database management systems. *Alternate Experience Requirements*: A <u>*Ma ste r' s*</u> *degree* (in the fields described below) requires four years specialized experience and five years of general experience. A <u>*Ph.D.*</u> (in the fields described below) requires three years specialized experience and four years of general experience. An <u>*A s so cia te' s degree*</u> (in the fields described below) requires five years specialized experience and nine years of general experience. A degree is not required with eight years of specialized experience and ten years of general experience.

<u>Functional Responsibility</u>: Specialist in the design and installation of database applications. Ensures appropriate linkages to existing databases and to other data processing systems and business applications. Ensures that adequate recovery procedures are included in all database designs. Develops and monitors procedures for updating data dictionaries. Directs the training of user groups in the protocols involved in updating and accessing the database. Monitors database transactions to ensure correct usage of the database.   Provides technical assistance to less experienced database analysts in the identification and resolution of complex database design and maintenance problems. Provides technical expertise on the database system to user and data processing area personnel.

<u>Minimum Education</u>: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

32. Commercial Job Title: Data Entry Specialist I

<u>Minimum/General Experience</u>:   Two years of experience providing data entry-related support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

<u>Functional Responsibility</u>: Performs keying of data and information into information systems and databases using keyboard, workstation, and related information systems interface equipment.

<u>Minimum Education</u>: A High School Diploma.

33. Commercial Job Title: Data Entry Specialist II

<u>Minimum/General Experience</u>:   Five years of experience providing data entry-related support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Performs keying of data and information into information systems and databases using keyboard, workstation, and related information systems interface equipment.

Minimum Education: A High School Diploma.

34. Commercial Job Title: Data Standardization Specialist

Minimum/General Experience: Three years experience, with at least two years specialized experience. Specialized Experience--includes building and/or maintaining data/information repositories for organization's that use information engineering concepts and enterprise, data and process modeling in the identification and development of standardized objects.   General experience--includes application software design, development, testing, technical writing, enterprise, process, and/or data modeling.   Demonstrated ability to work independently or under only general direction. *Alternate Experience Requirements*: A *Ma ster's degree* (in the fields described below) requires one year specialized experience and two years of general experience. A *Ph.D.* (in the fields described below) requires one year specialized experience and two years of general experience. An *A s so cia te' s degree* (in the fields described below) requires two years specialized experience and three years of general experience. A degree is not required with four years of specialized experience and six years of general experience.

Functional Responsibility: Provides technical support in the evaluation of prime object names, data elements, and other objects. Evaluates proposed objects and their attributes. Ensures that proposed object definitions are clear, concise, technically correct, and that they represent singular concepts. Ensures that the values of object attributes and domains are accurate and correct. Ensures that the proposed objects are consistent with data and process models.

Minimum Education: Associate's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

35. Commercial Job Title: Database Administrator I

Minimum/General Experience: Two years of experience providing database and associated database systems administration support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Provides operational support of computer hardware, system software, applications software, and system and user data files as configured within the associated database system. Provides maintenance for the integrity of all user/system data files, data verification following system restoration/recovery procedures, and data format conversion procedures during the import and/or export of data. Provides database reporting/printout support. Supports development of operating procedures and user technical manuals. Support is provided to a variety of database systems (e.g., Oracle, Sybase, and/or Informix).

Minimum Education: Associate's Degree, or a related Technical Certificate from a Technical School or recognized Vocational Program. In lieu of education an additional two years of experience is required

36. Commercial Job Title: Database Administrator II

Minimum/General Experience: Five years of experience providing database and associated database systems administration support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Provides operational support of computer hardware, system software, applications software, and system and user data files as configured within the associated database system. Provides maintenance for the integrity of all user/system data files, data verification following system restoration/recovery procedures, and data format conversion procedures during the import and/or export of data. Provides database reporting/printout support. Supports development of operating procedures and user technical manuals. Support is provided to a variety of database systems (e.g., Oracle, Sybase, and/or Informix).

Minimum Education: Associate's Degree, or a related Technical Certificate from a Technical School or recognized Vocational Program. In lieu of education an additional two years of experience is required

37. Commercial Job Title: Database Architect

Minimum/General Experience: Minimum of ten years experience, with at least eight years specialized experience. Specialized experience required includes: demonstrated experience with DBMS design and system analysis, current operating systems software internals and data manipulation techniques and languages General experience required includes: increasing responsibilities in the development and maintenance of data base systems. *Alternate Experience Requirements*:   A *Ma ste r' s degree* (in the fields described below) requires seven years specialized experience and eight years of general experience. A *Ph.D.* (in the fields described below) requires six years specialized experience and seven years of general experience. An *A s so cia te' s degree* (in the fields described below) requires nine years specialized experience and twelve years of general experience. A degree is not required with eleven years of specialized experience and thirteen years of general experience.

Functional Responsibility: Directs the design of databases to store, secure, select, and retrieve information in a logical, orderly manner. Ensures that designed systems provide sufficient controlled avenues for access to and update of the database. Ensures the currency, accuracy, and integrity of the data.   Oversees the design and maintenance of the data dictionary; retrieves transactions to ensure correct implementation and usages of the database. Continually assesses the performance of the database for maximum effectiveness. Works closely with peer level data processing management to evaluate the effects of systems tools or equipment changes on the database and to ensure continuing integration of the database. Trains and develops subordinates through varied assignments.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

38. Commercial Job Title: Database Programmer I

Minimum/General Experience: Two years of experience providing design and development support for database applications, database utilities, and graphical user interfaces, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Provides database design, development, and maintenance support.   Translates and programs user functional requirements and specifications into database applications. Generates database reports. Uses database tool-sets to aid in database application design and development. Assists in the development of reporting and data input utilities. Develops graphical user interfaces to aid in information entry and retrieval by system users. Participates in the development of required database and supporting technical and user documentation to ensure efficient use of developed database systems and to maintain an accurate configuration control and maintenance update mechanism.

Minimum Education: Bachelor's Degree in a related engineering, computer science, physical science, or technical field.

39. Commercial Job Title: Database Programmer II

Minimum/General Experience: Five years of experience providing design and development support for database applications, database utilities, and graphical user interfaces, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Provides database design, development, and maintenance support.   Translates and programs user functional requirements and specifications into database applications. Generates database reports. Uses database tool-sets to aid in database application design and development. Develops reporting and data input utilities. Develops graphical user interfaces to aid in information entry and retrieval by system users. Develops required database and supporting technical and user documentation to ensure efficient use of developed database systems and to maintain an accurate configuration control and maintenance update mechanism.

Minimum Education: Bachelor's Degree in a related engineering, computer science, physical science, or technical field.

40. Commercial Job Title: Documentation Specialist I

Minimum/General Experience: Minimum of five years experience is required, of which two years must be specialized. Specialized experience required includes: preparing technical documentation, which is to include

research or application of applicable Government and industry documentation standards. General experience required includes: technical writing and documentation experience pertaining to any aspect of automatic data processing. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires two years specialized experience and five years of general experience. A *Ph.D.* (in the fields described below) requires two years specialized experience and five years of general experience. An *A s so cia t e' s degree* (in the fields described below) requires four years specialized experience and eight years of general experience. A degree is not required with seven years of specialized experience and nine years of general experience.

Functional Responsibility: Responsible for documentation including directing the work of others in the accomplishment of assigned documentation work. Collects and analyzes technical literature available. Organizes material and writes descriptive copy according to establish standards regarding order, clarity, conciseness, style, and terminology. Reviews published materials and recommends revisions or changes in scope, format, content, and methods of reproduction and binding. May select photographs, drawings, sketches, diagrams, and charts to illustrate material. May assist in laying out material for publication. Uses automated tools, including computer terminal and word processing or desktop publishing software in performing assigned duties. May coordinate the production and distribution of material.

Minimum Education: Bachelor's Degree in English, Literature, Computer Science, Information Systems, Business, or other related field.

41. Commercial Job Title: Documentation Specialist II

Minimum/General Experience: Minimum of eight years experience is required, of which five years must be specialized. Specialized experience required includes: preparing technical documentation, which is to include research or application of applicable Government and industry documentation standards. General experience required includes: technical writing and documentation experience pertaining to any aspect of automatic data processing. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires four years specialized experience and six years of general experience. A *Ph.D.* (in the fields described below) requires three years specialized experience and five years of general experience.   An *A sso cia t e' s degree* (in the fields described below) requires seven years specialized experience and eleven years of general experience. A degree is not required with nine years of specialized experience and twelve years of general experience.

Functional Responsibility: Responsible for documentation including directing the work of others in the accomplishment of assigned documentation work. Collects and analyzes technical literature available. Organizes material and writes descriptive copy according to establish standards regarding order, clarity, conciseness, style, and terminology. Reviews published materials and recommends revisions or changes in scope, format, content, and methods of reproduction and binding. May select photographs, drawings, sketches, diagrams, and charts to illustrate material. May assist in laying out material for publication. Uses automated tools, including computer terminal and word processing or desktop publishing software in performing assigned duties. May coordinate the production and distribution of material.

Minimum Education: Bachelor's Degree in English, Literature, Computer Science, Information Systems, Business, or other related field.

42. Commercial Job Title: Functional Analyst

Minimum/General Experience: Five years of experience providing software, communications, networking, and/or related information systems functional analysis support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Analyzes information system user needs to determine functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each information system development and/or maintenance task.

Minimum Education: Bachelor's Degree in a related engineering, computer science, physical science, or technical field. In lieu of education an additional four years of related experience is required.

43. Commercial Job Title: Functional/Data Analyst I

Minimum/General Experience: Minimum of four years experience is required, of which three years must be specialized. Specialized experience required includes: developing functional requirements and data elements for

complex integrated ADP systems. General experience required includes: demonstrated ability to work independently or under only general direction. *Alternate Experience Requirements*: A *Ma ster's degree* (in the fields described below) requires two years specialized experience and four years of general experience. A *Ph.D.* (in the fields described below) requires two years specialized experience and four years of general experience. An *A s so cia te' s degree* (in the fields described below) requires four years specialized experience and seven years of general experience. A degree is not required with six years of specialized experience and eight years of general experience.

Functional Responsibility: Recommends improvements or modifications in sequence of operations, equipment utilization and related matters.   Examines and analyzes current and contemplated operations for developing, defining, and coordinating user requirements which will satisfy the total program need.   Translates user requirements into system specifications, data management plans, configuration management plans, life cycle management documentation, integrated logistics support plans and related operational summaries.   Assists in the design, development, and analysis, test and maintenance of logical and physical databases.   Writes specification manuals and user documentation for client or user personnel.   Gathers information from users, defines work problems, and designs a system and procedures to resolve problems.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific, functional or technical discipline.

44. Commercial Job Title: Functional/Data Analyst II

Minimum/General Experience: Minimum of eight years experience is required, of which six years must be specialized. Specialized experience required includes: superior functional knowledge of task order specific requirements, or developing functional requirements for complex integrated ADP systems. General experience required includes: demonstrated ability to work independently or under only general direction. *Alternate Experience Requirements*: A *Ma ster' s degree* (in the fields described below) requires five years specialized experience and six years of general experience.   A *Ph.D.* (in the fields described below) requires four years specialized experience and five years of general experience.   An *A s so cia te' s degree* (in the fields described below) requires seven years specialized experience and eleven years of general experience.   A degree is not required with nine years of specialized experience and twelve years of general experience.

Functional Responsibility: Performs advanced and complex systematic reviews of selected functions to determine application and design of systems or models. Participates in various testing functions (i.e. string and acceptance tests) to verify that results are correct. Develops and updates functional or operating manuals outlining established methods of performing work in accordance with organizational policy. Trains clients or user personnel in the operation and capabilities of proposed models. Provides functional guidance on more complex projects. May supervise and provide technical direction to lower level Functional/Data Analysts.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific, functional, or technical discipline.

45. Commercial Job Title: Functional/Data Analyst III

Minimum/General Experience: Minimum of ten years experience is required, of which eight years must be specialized. Specialized experience required includes: superior functional knowledge of task order specific requirements, or developing functional requirements for complex integrated ADP systems. General experience required includes: demonstrated ability to work independently or under only general direction. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires seven years specialized experience and eight years of general experience. A *Ph.D.* (in the fields described below) requires six years specialized experience and seven years of general experience.   An *A sso cia te' s degree* (in the fields described below) requires nine years specialized experience and twelve years of general experience.   A degree is not required with eleven years of specialized experience and thirteen years of general experience.

Functional Responsibility: Performs advanced and complex systematic reviews of selected functions to determine application and design of systems or models. Participates in various testing functions (i.e. string and acceptance tests) to verify that results are correct. Develops and updates functional or operating manuals outlining established methods of performing work in accordance with organizational policy. Trains clients or user personnel in the operation and capabilities of proposed models. Provides functional guidance on more complex projects. May supervise and provide technical direction to lower level Functional/Data Analysts.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific, functional, or technical discipline.

46. Commercial Job Title: Hardware Technician I

Minimum/General Experience: Minimum of three years experience is required, of which one year must be specialized. Specialized experience required includes: analysis, installation and maintenance of computer based systems and their components; OR analysis, installation and maintenance of local area nets, cable installation, including fiber optics, and specialized interconnect cable design and fabrication; OR analysis, installation and maintenance of communications systems and their components.   General experience required includes: Proven ability to work independently or under only general direction. *Alternate Experience Requirements*: A *Ma ster's degree* (in the fields described below) requires one year specialized experience and three years of general experience. A *Ph.D.* (in the fields described below) requires one year specialized experience and three years of general experience. An *A s so cia te' s degree* (in the fields described below) requires two years specialized experience and four years of general experience.   A degree is not required with three years of specialized experience and five years of general experience.

Functional Responsibility: Conducts sites surveys; assesses and documents current site network configuration and user requirements.   Designs and optimize network topologies.   Analyzes existing requirements and prepares specifications for hardware acquisitions. Prepares engineering plans and site installation Technical Design Packages. Develops hardware installation schedules.   Prepares drawings documenting configuration changes at each site. Prepares site installation and test reports. Configures and maintains computers, communications devices, and peripheral equipment. Installs network hardware. Trains site personnel in proper use of hardware. Builds specialized interconnecting cables. Maintains computer-based systems, local area networks, or communication systems.

Minimum Education: Bachelor's Degree in any field.

47. Commercial Job Title: Hardware Technician II

Minimum/General Experience: Minimum of six years experience is required, of which three years must be specialized. Specialized experience required includes: supervision of installation technicians, analysis, design, installation, and maintenance of computer based systems and its components; OR analysis, design, installation, and maintenance of local area nets and its components; OR analysis, installation and maintenance of communication systems and its components.   General experience required includes: increasing responsibilities in technical management. *Alternate Experience Requirements*: A *Ma st er's degree* (in the fields described below) requires three years specialized experience and six years of general experience. A *Ph.D.* (in the fields described below) requires three years specialized experience and six years of general experience.   An *A s so cia te' s degree* (in the fields described below) requires four years specialized experience and seven years of general experience. A degree is not required with six years of specialized experience and eight years of general experience.

Functional Responsibility: Organizes and directs site surveys for hardware installations. Assesses and documents current site network configuration and user requirements. Designs and optimizes network topologies. Analyzes and develops new hardware requirements and prepares specifications for hardware acquisitions.   Directs and leads preparation of engineering plans and site installation Technical Design Packages.   Develops hardware installation schedules.   Mobilizes installation team.   Directs and leads preparation of drawings documenting configuration changes at each site.   Prepares site installation and test reports.   Coordinates post installation operations and supervises maintenance support.   Maintains computer-based systems, local area networks or communication systems.

Minimum Education: Bachelor's Degree in any field.

48. Commercial Job Title: Help Desk Coordinator I

Minimum/General Experience: Two years of experience providing network and information systems help desk support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Provides phone and in-person technical and operational support to information systems and network users in the areas of electronic mail, directories, pass words, account security, standard desktop applications, network hook-ups, problem logging, and corrective maintenance support. Serves as the initial point of

contact for troubleshooting hardware, software, workstation, network, and peripheral problems. Maintains status reports and records of maintenance.

Minimum Education: Associate's Degree, or a related Technical Certificate from a Technical School or recognized Vocational Program. In lieu of education an additional two years of experience is required

49. Commercial Job Title: Help Desk Coordinator II

Minimum/General Experience: Five years of experience providing network and information systems help desk support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Provides phone and in-person technical and operational support to information systems and network users in the areas of electronic mail, directories, passwords, account security, standard desktop applications, network hook-ups, problem logging, and corrective maintenance support. Serves as the initial point of contact for troubleshooting hardware, software, workstation, network, and peripheral problems. Develops/updates maintenance status reports and records.

Minimum Education: Associate's Degree, or a related Technical Certificate from a Technical School or recognized Vocational Program. In lieu of education an additional two years of experience is required

50. Commercial Job Title: Help Desk Manager

Minimum/General Experience: This position requires a minimum of seven years experience, of which at least five years must be specialized.   Specialized experience includes: management of help desks in a multi-server environment, comprehensive knowledge of PC operating systems, e.g., DOS, Windows, as well as networking and mail standards and supervision of help desk employees.   General experience includes information systems development, network and other work in the client/server field, or related fields.   Demonstrated ability to communicate orally and in writing and a positive customer service attitude. *Alternate Experience Requirements*: A *Ma ster's* *degree* (in the fields described below) requires three years specialized experience and five years of general experience. A *Ph.D.* (in the fields described below) requires three years specialized experience and five years of general experience. An *A s so cia te' s* *degree* (in the fields described below) requires five years specialized experience and nine years of general experience.   A degree is not required with eight years of specialized experience and ten
years of general experience.

Functional Responsibility: Provides daily supervision and direction to staff who are responsible for phone and in-person support to users in the areas of e-mail, directories, standard Windows desktop applications, and applications developed, deployed or supported under this schedule. These personnel serve as the first point of contact for troubleshooting hardware/software PC, and printer problems.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

51. Commercial Job Title: Information Systems Analyst I

Minimum/General Experience: Five years experience in evaluating, developing and/or analyzing information systems (IS) or information technology (IT) applied to information architectures/information warfare. This experience includes the use of client-server systems, distributed data bases, both wide-area and local-area communications, and a performance-based acquisition process.

Functional Responsibility: Provide evaluation, development and/or analysis of military information systems (IS) and/or information technology (IT) as it applies to information architectures and information warfare activities.

Minimum Education: Bachelor's degree and Master's degree in a related technical discipline (for example, information systems, computer science or engineering) are required. An additional five (5) years experience in systems engineering, information systems engineering or systems acquisition management may be substituted for a Master's degree. An additional 4 years of applicable experience can be used instead of Bachelor's degree.

52. Commercial Job Title: Information Systems Analyst II

Minimum/General Experience: Ten years experience in evaluating, developing and/or analyzing information systems (IS) or information technology (IT) applied to information architectures/information warfare. This

experience includes the use of client-server systems, distributed data bases, both wide-area and local-area communications, and a performance-based acquisition process.

Functional Responsibility: Provide evaluation, development and/or analysis of military information systems (IS) and/or information technology (IT) as it applies to information architectures and information warfare activities.

Minimum Education: Bachelor's degree and Master's degree in a related technical discipline (for example, information systems, computer science or engineering) are required. An additional five years experience in systems engineering, information systems engineering or systems acquisition management may be substituted for a Master's degree. An additional 4 years of applicable experience can be used instead of Bachelor's degree.

53. Commercial Job Title: Logistician I

Minimum/General Experience: Minimum of three years of specialized work experience. Specialized experience required includes: developing, testing and delivering configuration and logistic management systems designed to provide clients with logistics technology that ensures effective and economical support concerned for manufacturing or servicing of products, systems or equipment. *Alternate Experience Requirements*: A *Ma ster' s degree* (in the fields described below) requires three years specialized experience and three years of general experience. A *Ph.D.* (in the fields described below) requires three years specialized experience and three years of general experience. An *A sso cia te' s degree* (in the fields described below) requires three years specialized experience and six years of general experience. A degree is not required with five years of specialized experience and seven years of general experience.

Functional Responsibilities: Analyzes contractual commitments, customer specifications, design changes and other data. Provides assessments of current logistical practices and recommends possible solutions in areas such as integrated logistics support, warehousing, automated information tracking, shipping, spares support. Plans and develops logistic program activities from conceptual stage through life-cycle of product. Develops and implements program activities, coordinates efforts of subcontractors and field service personnel, and resolves problems in area of logistics to ensure meeting of contractual commitment. Develops and initiates preparation of user manuals and information systems to provide and supply logistic support. May provide user with training. Compiles data on standardization and interchangeability of parts to expedite logistic 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, and, may utilize computer techniques for analysis, simulation or information systems and documentation.

Minimum Education: Bachelor's Degree Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

54. Commercial Job Title: Logistician II

Minimum/General Experience: Minimum of eight years of related work experience. Experience required includes: developing, testing and delivering configuration and logistic management systems designed to provide clients with logistics technology that ensures effective and economical support for manufacturing or servicing of products, systems or equipment. Position requires advanced technical expertise to solve complex issues. *Alternate Experience Requirements*: A *Ma ster's degree* (in the fields described below) requires six years of related work experience. A *Ph.D.* (in the fields described below) requires five years of related work experience. An *A s so cia te' s degree* (in the fields described below) requires eleven years of related work experience. A degree is not required with twelve years of related work experience.

Functional Responsibilities: Analyzes contractual commitments, customer specifications, design changes and other data. Provides assessments of current logistical practices and recommends possible solutions in areas such as integrated logistics support, warehousing, automated information tracking, shipping, spares support. Plans and develops logistic program activities from conceptual stage through life-cycle of product. Develops and implements program activities, coordinates efforts of subcontractors and field service personnel, and resolves problems in area of logistics to ensure meeting of contractual commitment. Develops and initiates preparation of user manuals and information systems to provide and supply logistic support. Compiles data on standardization and interchangeability of parts to expedite logistic 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 and may provide guidance and supervision to subordinates.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

55. Commercial Job Title: Military Logistician I

Minimum/General Experience: Five years of military logistical experience. This includes three years of general military logistical experience to include knowledge of acquisition systems and experience in the development of support documentation to include elements such as training, support equipment, technical orders, supply support and computer resources support, process of evolving and establishing maintenance/support concepts, and general understanding of relationship with the military branch logistics centers and commands (i.e., Air Force ALCs), users, applicable training commands and other logistics related organizations. Logistician familiar with applicable military branch logistics policies. Also has two years of specialized experience in Acquisition Logistics to include acquisition experience in the procurement and management processes of Support Equipment, Technical Orders, Spares, Instructional System Design (ISD), and Computer Resources, as well as an understanding and knowledge of the logistics associated liability and maintainability functions.

Functional Responsibility: Provide military logistical and systems acquisition support. Develop support documentation in logistical areas such as training, support equipment, technical orders, supply support and computer resources support. Supports evolving and development of maintenance/support concepts. Provide support to logistics related organizations. Provide acquisition and logistical support to the procurement and management of support equipment, Technical Orders, spares, Instructional System Design (ISD), computer resources, and reliability and maintainability functions.

Minimum Education: Bachelor's degree or, and additional three years general and two years of specialized acquisition experience may be substituted for the degree.

56. Commercial Job Title: Military Logistician II

Minimum/General Experience: Ten years of military-related logistical support experience. This includes five years of general acquisition experience and includes working knowledge of user requirements and processes related to military branch logistics command operations (i.e., Air Force ALCs), requirements and processes and familiarity with other MAJCOM processes (i.e.,. ATC, AFOTEC). This experience also includes five years of specialized experience in the management of complex acquisition logistics efforts; specialized or technical expertise in developing and reviewing documents (that is solicitation documents, ILSPs, CRLCMP, etc.). Specialized experience also includes: Instructional Systems Design (ISD), developing documentation for RFPs, to include tasking such as Logistics Support Analysis, and overall logistics planning of other logistical related activities. Candidate has specialized experience and a working knowledge in the elements outlined within branch acquisition and logistical regulations (for example, AFR 800-8).

Functional Responsibility: Provide military logistical and systems acquisition support related to military branch logistical command operations. Also provide support in the management of complex acquisition logistics efforts; provide specialized or technical expertise in developing and reviewing documents (that is solicitation documents, ILSPs, CRLCMP, etc.). May also provide specialized support such as Instructional Systems Design (ISD), development of documentation for RFPs, supports Logistics Support Analysis, and related logistics planning activities.

Minimum Education: Bachelor's degree and Master's degree or, an additional five years of specialized acquisition experience or certification as a Certified Professional Logistician may be substituted for the Master's degree.

57. Commercial Job Title: Network Manager I

Minimum/General Experience: Two years of experience providing network systems support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Serves specified organizational units through the provision of satisfactory computing services. Assists management in the operation of computer and network system suites. Provides hardware and software troubleshooting for the Local/Wide Area Network. Assists in the operation of client-server software and

network operations. Submits written recommendations relative to identification, evaluation and implementation of database, client-server, and/or network technology, testing of new operating systems, and new applications software. Participates in the design of quality metrics. Provides technical services in the analysis and installation of computing facilities, including installation planning and site preparation.   Analyzes, evaluates, and tests software/hardware problems. Maintains and troubleshoots intra-system telecommunications. Monitors each system and adjusts/configures each for maximum system performance. Assists in the daily operations of computer center and network suites. Provides electronic mail/Internet guidelines and procedures. Serves as the office automation technical advisor, making recommendations on the type and amount of automation equipment needed. Resolves hardware problems.   Maintains inventory of all Computer Center equipment and supplies.   Submits recommendations relative to the identification of supplies, equipment and furniture. Schedules or performs the repair and/or replacement of defective computer equipment. Maintains close contact with all supported elements of the client's facility, and related communications links, in order to effectively deal with problems and organizational issues. Provides technical services to help resolve enterprise-wide ADP/network issues.

Minimum Education: Bachelor's Degree in a related engineering, computer science, physical science, or technical field.

58. Commercial Job Title: Network Manager II

Minimum/General Experience: Five years of experience providing network systems support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Serves specified organizational units through the provision of satisfactory computing services. Assists management in the operation of computer and network system suites. Provides hardware and software troubleshooting for the Local/Wide Area Network. Assists in the operation of client-server software and network operations. Submits written recommendations relative to identification, evaluation and implementation of database, client-server, and/or network technology, testing of new operating systems, and new applications software. Designs quality metrics.   Provides technical services in the analysis and installation of computing facilities, including installation planning and site preparation. Analyzes, evaluates, and tests software/hardware problems and submits findings to management officials. Maintains and troubleshoots intra-system telecommunications. Monitors each system and adjusts/configures each for maximum system performance. Assists in the daily operations of computer center and network suites. Provides electronic mail/Internet guidelines and procedures. Serves as the office automation technical advisor, making recommendations on the type and amount of automation equipment needed. Resolves hardware problems. Schedules or provides training in the use of automation equipment for the office. Maintains inventory of all Computer Center equipment and supplies. Submits recommendations relative to the identification of supplies, equipment and furniture. Schedules or performs the repair and/or replacement of defective computer equipment. Maintains close contact with all supported elements of the client's facility, and related communications links, in order to effectively deal with problems and organizational issues.   Provides technical services to help resolve enterprise-wide ADP/network issues.

Minimum Education: Bachelor's Degree in a related engineering, computer science, physical science, or technical field.

59. Commercial Job Title: Network Specialist I

Minimum/General Experience: Two years of experience providing technical network and/or network management support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Participates in the examination of network requirements for organization and information systems and provides recommended solutions for management's consideration. Troubleshoots existing networks. Assists in the preparation of network designs and installations.

Minimum Education: Associate's Degree, or a related Technical Certificate from a Technical School or recognized Vocational Program. In lieu of education an additional two years of experience is required.

60. Commercial Job Title: Network Specialist II

Minimum/General Experience: Five years of experience providing technical network and/or network management support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Analyzes network requirements for organization and information systems and provides a written recommendation of solutions for management's consideration. Troubleshoots existing networks, prepares network designs and installs components of networks. Submits written recommendations for software design, development, testing and implementation on local and wide area networks.

Minimum Education: Associate's Degree, or a related Technical Certificate from a Technical School or recognized Vocational Program. In lieu of education an additional two years of experience is required.

61. Commercial Job Title: Operations Manager I

Minimum/General Experience: Minimum of seven years experience is required, of which five years must be specialized. Specialized experience required includes: supervisory and operations experience on a large-scale computer system is required, along with knowledge of hardware, software, operating systems, and associated network or telecommunications systems. General experience required includes: operations experience on a large-scale computer system or a multi-server local area network. *Alternate Experience Requirements*: A *Ma s ter's degree* (in the fields described below) requires four years specialized experience and five years of general experience. A *Ph.D.* (in the fields described below) requires four years specialized experience and five years of general experience. An *A s so cia te' s degree* (in the fields described below) requires five years specialized experience and nine years of general experience. A degree is not required with eight years of specialized experience and ten years of general experience.

Functional Responsibility: Manages and coordinates the operational support activities associated with integrated computer systems including both data processing and telecommunications. Coordinates the installation, operation, and maintenance of hardware, software, operating systems, and supporting telecommunications. Ensures that installation projects meet user requirements, established time schedules, and committed costs. Investigates and resolves operational problems in conjunction with other engineering and technical personnel. Designs systems, modules, and/or approaches, and required enhancements. Participates in the development of test strategies, tools, and systems.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business or other related discipline.

62. Commercial Job Title: Operations Manager II

Minimum/General Experience: Minimum of ten years experience is required, of which seven years must be specialized. Specialized experience required includes: supervisory and operations experience on a large-scale computer system is required, along with knowledge of hardware, software, operating systems, and associated network or telecommunications systems. General experience required includes: operations experience on a large-scale computer system or a multi-server local area network. *Alternate Experience Requirements*: A *Ma s ter's degree* (in the fields described below) requires six years specialized experience and eight years of general experience. A Ph.D. *(*in the fields described below) requires five years specialized experience and seven years of general experience. An *Associate' s degree* (in the fields described below) requires nine years specialized experience and twelve years of general experience. A degree is not required with eleven years of specialized experience and thirteen years of general experience.

Functional Responsibility: Manages and coordinates the operational support activities associated with integrated computer systems including both data processing and telecommunications. Coordinates the installation, operation, and maintenance of hardware, software, operating systems, and supporting telecommunications. Ensures that installation projects meet user requirements, established time schedules, and committed costs. Investigates and resolves operational problems in conjunction with other engineering and technical personnel. Designs systems, modules, and/or approaches, and required enhancements. Participates in the development of test strategies, tools, and systems.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business or other related discipline.

63. Commercial Job Title: Program Manager I

Minimum/General Experience: Minimum of ten years experience is required, of which six years must be specialized. Specialized experience required includes: complete engineering project development from inception to deployment, demonstrated ability to provide guidance and direction in multiple tasks across several functional areas and including the use of different technologies. Proven expertise in the management and control of funds and resources, demonstrated capability in managing complex multi-task contracts. General experience required includes: increasing responsibilities in information systems design and management. *Alternate Experience Requirements*: A *Ma ster's degree* (in the fields described below) requires five years specialized experience and eight years of general experience. A *Ph.D.* (in the fields described below) requires four years specialized experience and seven years of general experience. A minimum of a *B a ch elo r' s degree* (in the fields described below) is required for this category.

Functional Responsibility: Responsible for the effective management of funds and personnel, and is accountable for the quality and timely delivery of contractual items. Operates within client guidance, contractual limitations, and Company business and policy directives. Serves as focal point of contact with client on program activities. Ensures that all required resources including manpower, production standards, computer time, and facilities are available for program implementation. Manages program consisting of multiple projects including project identification, design, development and delivery. Confers with project manager to provide technical advice and to assist with problem resolution. Participates in contract negotiations.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

64. Commercial Job Title: Program Manager II

Minimum/General Experience: Minimum of fifteen years experience is required, of which ten years must be specialized. Specialized experience required includes: complete engineering project development from inception to deployment, demonstrated ability to provide guidance and direction in multiple tasks across several functional areas and including the use of different technologies. Proven expertise in the management and control of funds and resources, demonstrated capability in managing complex multi-task contracts. General experience required includes: increasing responsibilities in information systems design and management. *Alternate Experience Requirements*: A *Ma ster's degree* (in the fields described below) requires nine years specialized experience and thirteen years of general experience. A *Ph.D.* (in the fields described below) requires eight years specialized experience and twelve years of general experience. A minimum of a *B a ch elo r' s degree* (in the fields described below) is required for this category.

Functional Responsibility: Responsible for the effective management of funds and personnel, and is accountable for the quality and timely delivery of contractual items. Operates within client guidance, contractual limitations, and Company business and policy directives. Serves as focal point of contact with client on program activities. Ensures that all required resources including manpower, production standards, computer time, and facilities are available for program implementation. Manages program consisting of multiple projects including project identification, design, development and delivery. Confers with project manager to provide technical advice and to assist with problem resolution. Participates in contract negotiations.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

65. Commercial Job Title: Program/Project Control Specialist I

Minimum/General Experience: Minimum of six years experience is required, of which three years must be specialized. Specialized experience required includes: the preparation and analysis of financial statements. General experience required includes: progressively more responsible experience in general accounting or management activities. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires two years specialized experience and four years of general experience. A *Ph.D.* (in the fields described below) requires two years specialized experience and four years of general experience.   An *A s so cia te' s degree* (in the fields described below) requires five years specialized experience and nine years of general experience. A degree is not required with eight years of specialized experience and ten years of general experience.

Functional Responsibility: Maintains current project documentation and record of changes including status reports. Assists in establishing budgets and monitoring performance. Directs all or most activities related to financial and

administrative functions, such as budgeting, manpower and resource planning, and financial reporting. May research, report on, and recommend solutions to contractual issues.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Business, or other related discipline.

66. Commercial Job Title: Program/Project Control Specialist II

Minimum/General Experience: Minimum of ten years experience is required, of which seven years must be specialized. Specialized experience required includes: the preparation and analysis of financial statements.. General experience required includes: progressively more responsible experience in general accounting or management activities. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires six years specialized experience and eight years of general experience. A *Ph.D.* (in the fields described below) requires five years specialized experience and seven years of general experience. An *A s so cia te' s degree* (in the fields described below) requires nine years specialized experience and twelve years of general experience. A degree is not required with eleven years of specialized experience and thirteen years of general experience.

Functional Responsibility: Maintains current project documentation and record of changes including status reports. Assists in establishing budgets and monitoring performance. Directs all or most activities related to financial and administrative functions, such as budgeting, manpower and resource planning, and financial reporting. May research, report on, and recommend solutions to contractual issues.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Business, or other related discipline.

67. Commercial Job Title: Project Manager I

Minimum/General Experience: Minimum of six years experience is required, of which four years must be specialized. Specialized experience required includes: complete engineering project development from inception to deployment; proven expertise in the management and control of funds and resources, demonstrated capability in managing multi-task contracts. General experience required includes: increasing responsibilities in information systems design and management. *Alternate Experience Requirements*: A *Ma ster' s degree* (in the fields described below) requires three years specialized experience and four years of general experience. A *Ph.D.* (in the fields described below) requires two years specialized experience and three years of general experience. An *A sso cia te' s degree* (in the fields described below) requires five years specialized experience and nine years of general experience. A degree is not required with eight years of specialized experience and ten years of general experience.

Functional Responsibility: Leads the project or multiple tasks and retains overall responsibility for performance including cost, schedule, deliverables and contractual compliance. Provides the interface to the customer and other project leaders. May work under a Program Manager for multiple projects. Identifies, acquires, and utilizes company resources to achieve project technical objectives. Establishes priorities, task assignment and completion. Ensures quality and productivity standards are maintained while meeting project/client deadlines and budget constraints. Serves as the client liaison on all project matters. Performs a quality assurance role and ensures timely delivery of all specified deliverables. Identifies all task responsibilities and reports any changes or suggestions accordingly to a senior Project Manager or Program Manager. Supervises the training of new personnel under the project to assure compliance with government regulations, codes, and Company policy and procedures. Participates in contract negotiations.

Minimum Education: Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

68. Commercial Job Title: Project Manager II

Minimum/General Experience: Minimum of twelve years experience is required, of which nine years must be specialized. Specialized experience required includes: complete engineering project development from inception to deployment, demonstrated ability to provide guidance and direction in multiple tasks across several functional areas and including the use of different technologies; proven expertise in the management and control of funds and resources, demonstrated capability in managing multi-task contracts. General experience required includes: increasing responsibilities in information systems design and management. *Alternate Experience Requirements*: A *Ma ster's degree* (in the fields described below) requires eight years specialized experience and ten years of general experience. A *Ph.D.* (in the fields described below) requires seven years specialized experience and nine years of

general experience. An *A s so cia te' s degree* (in the fields described below) requires ten years specialized experience and fourteen years of general experience. A degree is not required with twelve years of specialized experience and fifteen years of general experience.

Functional Responsibility: Leads the project or multiple tasks and retains overall responsibility for performance including cost, schedule, deliverables and contractual compliance. Provides the interface to the customer and other project leaders. May work under a Program Manager for multiple projects. Identifies, acquires, and utilizes company resources to achieve project technical objectives. Establishes priorities, task assignment and completion. Ensures quality and productivity standards are maintained while meeting project/client deadlines and budget constraints. Serves as the client liaison on all project matters. Performs a quality assurance role and ensures timely delivery of all specified deliverables. Identifies all task responsibilities and reports any changes or suggestions accordingly to a senior Project Manager or Program Manager. Supervises the training of new personnel under the project to assure compliance with government regulations, codes, and Company policy and procedures. Participates in contract negotiations.

Minimum Education: Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

69. Commercial Job Title: Publication/Graphics Specialist I

Minimum/General Experience: Two years of experience providing word processing and graphics development support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Provides desktop publishing services for the production of hardcopy material. Produces graphic materials for use in publications, presentations, and informational materials. Participates in the evaluation of hardware and software products to be used for desktop publishing, computer graphics, and document production. Troubleshoots problems with hardware and software used for desktop publishing. Reviews documentation for technical completeness, accuracy and user understanding prior to publication.

Minimum Education: Associate's Degree, or a related Technical Certificate from a Technical School or recognized Vocational Program. In lieu of education an additional two years of experience is required.

70. Commercial Job Title: Publication/Graphics Specialist II

Minimum/General Experience: Five years of experience providing word processing and graphics development support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Provides desktop publishing services for the production of hardcopy material. Produces graphic materials for use in publications, presentations, and informational materials. Evaluates hardware and software products to be used for desktop publishing, computer graphics, and document production, and makes recommendations for procurement. Troubleshoots problems with hardware and software used for desktop publishing. Reviews documentation for technical completeness, accuracy and user understanding prior to publication.

Minimum Education: Associate's Degree, or a related Technical Certificate from a Technical School or recognized Vocational Program. In lieu of education an additional two years of experience is required.

71. Commercial Job Title: Quality Assurance Specialist I

Minimum/General Experience: Minimum of six years experience is required, of which three years must be specialized. Specialized experience required includes: software testing and integration, plus knowledge of system and project life cycles.   General experience required includes: working with quality control methods and tools. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires three years specialized experience and six years of general experience. A *Ph.D.* (in the fields described below) requires three years specialized experience and six years of general experience. An *A sso cia te' s degree* (in the fields described below) requires five years specialized experience and nine years of general experience. A degree is not required with eight years of specialized experience and ten years of general experience.

Functional Responsibility: Assists in the evaluation of software and associated documentation. Participates in formal and informal reviews to determine quality.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

72. Commercial Job Title: Quality Assurance Specialist II

Minimum/General Experience: Minimum of eight years experience is required, of which five years must be specialized. Specialized experience required includes: Configuration Management, verification and validation, and software testing and integration, plus experience with software metrics and their application to software quality assessment. General experience required includes: increasing responsibilities in quality assurance, quality control, and team leader responsibilities. *Alternate Experience Requirements*: A *Ma ster's* *degree* (in the fields described below) requires four years specialized experience and six years of general experience. A *Ph.D.* (in the fields described below) requires three years specialized experience and five years of general experience.   An *A s so cia te' s* *degree* (in the fields described below) requires seven years specialized experience and eleven years of general experience.   A degree is not required with nine years of specialized experience and twelve years of general experience.

Functional Responsibility: Establishes and maintains a process for evaluating software and associated documentation. Determines the resources required for quality control. Maintains the level of quality throughout the software life cycle.   Reviews and verifies the preparation of quality assurance documentation and procedures. Conducts formal and informal reviews at predetermined points throughout the development life cycle. Interfaces with clients for quality assurance audits, resolution of discrepancies and other QA matters.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

73. Commercial Job Title: Security Systems Engineering Specialist I

Minimum/General Experience: Two years of experience providing security systems engineering support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Conducts physical security surveys of buildings and/or offices to achieve and maintain maximum protection of classified and/or sensitive information. Participates in the performance of comprehensive security surveys for new facilities and for relocation or modification of existing facilities. Ensures that equipment planned for installation in new/existing facilities adheres to policies governing physical and communications security. Coordinates the acceptance testing of new communications equipment and facilities with area technicians and post operations personnel. Maintains records and reports.

Minimum Education: Bachelor's Degree in a technical discipline or an additional four years of related technical experience.

74. Commercial Job Title: Security Systems Engineering Specialist II

Minimum/General Experience: Five years of experience providing security systems engineering support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Conducts physical security surveys of buildings and/or offices to achieve and maintain maximum protection of classified and/or sensitive information. Performs comprehensive security surveys for new facilities and for relocation or modification of existing facilities. Ensures that equipment planned for installation in new/existing facilities adheres to policies governing physical and communications security.   Coordinates the acceptance testing of new communications equipment and facilities with area technicians and post operations personnel. Maintains records and reports.

Minimum Education: Bachelor's Degree in a technical discipline or an additional four years of related technical experience.

75. Commercial Job Title: Subject Expert I

Minimum/General Experience: Seven years of experience providing technical expertise within a specific subject-area or discipline, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Provides unique and/or in-depth technical or business analyses and technical/business report development support within subject-matter areas requiring leading-edge or state-of-the-art technical and business expertise. May support a wide variety of technical and business assignments based on the specific needs of the task's requirements.

Minimum Education: Master's Degree in subject-related technical or business area; or a Bachelor Degree and an additional four years of related experience is required.

76. Commercial Job Title: Subject Expert II

Minimum/General Experience: Ten years of experience providing technical expertise within a specific subject area or discipline, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Provides unique and/or in-depth technical or business analyses and technical/business report development support within subject-matter areas requiring leading-edge or state-of-the-art technical and business expertise. May support a wide variety of technical and business assignments based on the specific needs of the task's requirements.

Minimum Education: Master's Degree in subject-related technical or business area, or a Bachelor Degree and an additional four years of related experience is required.

77. Commercial Job Title: Systems Administrator I

Minimum/General Experience: Minimum of three years experience is required, of which one year must be specialized. Specialized experience required includes: administration of Unix or other open systems-compliant multi-user system. General experience required includes: administration of multi-user computer systems. *Alternate Experience Requirements*: A *Ma ster's degree* (in the fields described below) requires one year of applicable general experience. A *Ph.D.* (in the fields described below) requires one year of applicable general experience. An *A sso cia te' s degree* (in the fields described below) requires three years specialized experience and six years of general experience. A degree is not required with five years of specialized experience and seven years of general experience.

Functional Responsibility: Performs systems installation and integration of computer operating system software, network software, application software, computer hardware, and supporting network or telecommunications systems.   Investigates and resolves operational problems in conjunction with other engineering and technical personnel.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

78. Commercial Job Title: Systems Administrator II

Minimum/General Experience: Five years of experience providing systems administration support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Serves as systems administrator for computer center and/or network and data communications systems.   Provides hardware and software troubleshooting for the Local Area or Wide Area Networks. Submits written evaluation and recommendations regarding the implementation of client-server/network systems. Responsible for providing suggestions in design and implementation of quality metric disciplines for operation of the management information systems. Provides technical services in the installation of computing facilities, including installation planning and site preparation.   Analyzes, evaluates, and tests software/hardware problems and submits findings and recommendations in writing to appropriate management officials. Provides troubleshooting services for intra-system communications. Monitors multiple systems and suggests solutions for effective system performance. Provides technical services regarding the operation and management of electronic

mail capability. Assists management in developing computer center and/or data communications guidelines and procedures. Serves as the office automation technical advisor, making recommendations on the type and amount of automation equipment needed. Schedules or provides training in the use of automation equipment for the office. Maintains inventory of all computer system and/or data systems equipment and supplies. Submits recommendations for supplies, equipment and furniture as well as the repair and/or replacement of defective computer/telecommunications equipment.

Minimum Education: Associate's Degree, or a related Technical Certificate from a Technical School or recognized Vocational Program. In lieu of education an additional two years of experience is required

79. Commercial Job Title: Systems Administrator III

Minimum/General Experience: Five years of experience providing information systems administration support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Performs administrative and operational duties on DOS, UNIX, Windows, and other micro-computer, mini-, and mainframe computer-based systems. Creates and maintains user profiles as required by the vendor or application software. Analyzes, evaluates and tests software/hardware problems. Works with and troubleshoots intra-system telecommunications. Monitors multiple systems and networking between the systems. Presents recommended solutions for effective system performance. Assists in the installation planning of computer facilities, evaluation of COTS application software (and upgrades) proposed for use on the network(s). Troubleshoots existing networks and assists programmers in software design, development and testing of Local and Wide Area Networks. Participates in system feasibility studies concerning computer performance, and hardware/software evaluations. Evaluates communications systems with regard to technological and regulatory issues. Participates in the design and development of integrated communications systems. Assists in configuration management of micro-computer systems and networking between the systems.

Minimum Education: Bachelor's Degree in a related engineering, computer science, physical science, or technical field.

80. Commercial Job Title: Systems Engineer I

Minimum/General Experience: This position is for recent college graduates and requires **no experience.**   A minimum of a *B a ch elo r' s degree* (in the fields described below) is required for this category. A Master's Degree or Ph.D. can be substituted for the Bachelor's Degree requirement.

Functional Responsibility: Assists in performing analysis, design, and development of complex computer systems software. Works with senior engineering staff in evaluating user needs with the maintenance of single-product modules and sub-systems. Designs and develops utility programs and operating systems adjuncts such as executive programs. Participates in the development of test strategies, devices and systems. Researches and develops solutions to the systems problems identified during testing or reported by quality assurance. Assists in the identification and evaluation of software and hardware products.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

81. Commercial Job Title: Systems Engineer II

Minimum/General Experience: Minimum of six years experience, of which at least four years must be specialized. Specialized experience required includes: use of current DBMS technologies, structured analysis, design methodologies, and design tools and other design techniques, object oriented principles, and experience with logical and physical functional, operational, and technical architecture of large and complex information systems. General experience required includes: increasing responsibilities in DBMS systems analysis and programming. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires three years specialized experience and four years of general experience. A *Ph.D.* (in the fields described below) requires two years specialized experience and three years of general experience. An *A sso cia te' s degree* (in the fields described below) requires five years specialized experience and nine years of general experience. A degree is not required with eight years of specialized experience and ten years of general experience.

Functional Responsibility: Performs analysis, design, and development of complex computer systems software. Evaluates user needs with the maintenance of single-product modules and sub-systems. Designs and develops utility programs and operating systems adjuncts such as executive programs. Participates in the development of test strategies, devices and systems. Researches and develops solutions to the systems problems identified during testing or reported by quality assurance. Assists in the identification and evaluation of software and hardware products.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

82. Commercial Job Title: Systems Engineer III

Minimum/General Experience: Minimum of ten years experience, of which at least eight years must be specialized. Specialized experience required includes: supervision of system architects or engineers, use of structured analysis, design methodologies and design tools (such as IDEF1x, entity relationship diagrams), and other design techniques, object oriented principles, and experience with the logical and physical functional, operational, and technical architecture of large and complex information systems. General experience required includes: increasing responsibilities in the development and maintenance of DBMS, including design and system analysis, current operating systems software internals and data manipulation languages. *Alternate Experience Requirements*: A *Ma ster's degree* (in the fields described below) requires seven years specialized experience and eight years of general experience. A *Ph.D.* (in the fields described below) requires six years specialized experience and seven years of general experience. An *A s so cia te' s degree* (in the fields described below) requires nine years specialized experience and twelve years of general experience. A degree is not required with eleven years of specialized experience and thirteen years of general experience.

Functional Responsibility: Performs analysis, design, and development of complex computer systems software which may require some research and analysis. Evaluates and determines user needs with the maintenance of single-product modules and sub-systems. Designs and develops utility programs and operating systems adjuncts such as executive programs. Participates in the development of test strategies, devices and systems. Researches problems discovered by quality assurance or product support and develops solutions to the problems. Researches and understands the marketing requirements for a product, including target environment, performance criteria, and competitive issues. Assists in the evaluation of software and hardware products.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

83. Commercial Job Title: Systems Programmer I

Minimum/General Experience: Two years of experience providing computer operating system development, tailoring, and maintenance support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Creates and/or maintains operating systems, communications software, database packages, compilers, assemblers, and utility programs. Modifies existing operating system software as well as creates special-purpose software/operating system routines to ensure efficiency and integrity between operating systems and software applications.

Minimum Education: Bachelor's Degree in a related engineering, computer science, physical science, or technical field.

84. Commercial Job Title: Systems Programmer II

Minimum/General Experience: Five years of experience providing computer operating system development, tailoring, and maintenance support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Creates and/or maintains operating systems, communications software, database packages, compilers, assemblers, and utility programs. Modifies existing operating system software as well as creates special-purpose software/operating system routines to ensure efficiency and integrity between operating systems and software applications.

Minimum Education: Bachelor's Degree in a related engineering, computer science, physical science, or technical field.

85. Commercial Job Title: Technical Writer/Editor I

Minimum/General Experience: Minimum of three years specialized experience.   Specialized experience required includes: writing or editing technical documents in applicable Government and/or industry standards. *Alternate Experience Requirements*:   A *Ma ste r' s degree* (in the fields described below) requires three years specialized experience and three years of general experience. A *Ph.D.* (in the fields described below) requires three years specialized experience and three years of general experience. An *A sso cia te' s degree* (in the fields described below) requires three years specialized experience and six years of general experience. A degree is not required with five years of specialized experience and seven years of general experience.

Functional Responsibility: Collects and analyzes applicable technical documentation. Organizes material and writes descriptive copy according to establish standards regarding order, clarity, conciseness, style, and terminology. Reviews published materials and recommends revisions or changes in scope, format, content, and methods of reproduction and binding. May select photographs, drawings, sketches, diagrams, and charts to illustrate material. May assist in laying out material for publication. Uses automated tools, including computer terminal and word processing or desktop publishing software in performing assigned duties.   May coordinate the production and distribution of material.

Minimum Education: Bachelor's Degree in English, Literature, Computer Science, Information Systems, Business or other related discipline.

86. Commercial Job Title: Technical Writer/Editor II

Minimum/General Experience: Five years of experience providing technical writing and editorial support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Determines layout, design, photography of newsletters, announcements, invitations, technical material and other publications as may be required. Writes and edits material for newsletters, technical documents, and other publications as tasked.   Arranges for any required photography to be included in documentation.   Determines and initiates topics and features for publications.   Provides both draft and final documentation materials.

Minimum Education: Associate's Degree, or a related Technical Certificate from a Technical School or recognized Vocational Program. In lieu of education an additional two years of experience is required

87. Commercial Job Title: Technician I

Minimum/General Experience: Two years of experience providing a variety of information system-related operations, preventive, and/or corrective maintenance support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Performs preventive and corrective maintenance on electronic, network, telecommunications, and/or related information systems, equipment, or equipment components.   Performs troubleshooting to isolate problems.   Assists in the installation of equipment field changes.   Aids system and equipment users with emergent or operational problems. Installs new or updated equipment. Maintains equipment configuration records. Uses test equipment, as may be required, to isolate and test system or component for proper operation or fault isolation.

Minimum Education: Associate's Degree, or a related Technical Certificate from a Technical School or recognized Vocational Program. In lieu of education an additional two years of experience is required

88. Commercial Job Title: Technician II

Minimum/General Experience: Five years of experience providing a variety of information system-related operations, preventive, and/or corrective maintenance support, similar to that described under functional responsibility, and having knowledge and understanding of applicable technical concepts and practices.

Functional Responsibility: Performs preventive and corrective maintenance on electronic, network, telecommunications, and/or related information systems, equipment, or equipment components. Performs troubleshooting to isolate problems. Installs equipment field changes. Aids system and equipment users with emergent or operational problems. Installs new or updated equipment. Maintains equipment configuration records. Uses test equipment, as may be required, to isolate and test system or component for proper operation or fault isolation.

Minimum Education: Associate's Degree, or a related Technical Certificate from a Technical School or recognized Vocational Program. In lieu of education an additional two years of experience is required

89. Commercial Job Title: Telecommunications Specialist I

Minimum/General Experience: Minimum of six years experience is required, of which four years must be specialized. Specialized experience required includes: communications software, communications hardware or network specialty. General experience required includes: all aspects of communication networks. *Alternate Experience Requirements*: A *Master's degree* (in the fields described below) requires three years specialized experience and four years of general experience. _ A Ph.D. *(in the fields described below) requires three years specialized experience and four years of general experience. An *Associate's degree* (in the fields described below) requires five years specialized experience and nine years of general experience. A degree is not required with eight years of specialized experience and ten years of general experience.

Functional Responsibility: Analyzes network characteristics (e.g., traffic, connect time, transmission speeds, packet sizes, and throughput) and recommends procurement, removals, and modifications to network components. Designs and optimizes network topologies and site configurations. Plans installations, transitions, and cut overs of network components and capabilities. Coordinates requirements with users and suppliers.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

90. Commercial Job Title: Telecommunications Specialist II

Minimum/General Experience: Minimum of seven years experience is required, of which five years must be specialized. Specialized experience required includes: protocol analysis, knowledge of OSI protocol particularly TCP/IP, X.25.X.400, X.500. Experience with ATM, frame relay, other knowledge with bridges, routers, gateways, FDDI, detailed knowledge of UNIX operating systems. Also, CNE or ECNE experience a plus, supervising the operation and maintenance of communication network systems which may be mainframe, mini, or client/server based. General experience required includes: all aspects of communication networks planning, installation, and support. *Alternate Experience Requirements*: A *Master's degree* (in the fields described below) requires four years specialized experience and five years of general experience. A *Ph.D. (*in the fields described below) requires four years specialized experience and five years of general experience. An *Associate's degree* (in the fields described below) requires six years specialized experience and ten years of general experience. A degree is not required with nine years of specialized experience and eleven years of general experience.

Functional Responsibility: Evaluates communication hardware and software, troubleshoots LAN/MAN/WAN and other network related problems, provides technical expertise for performance and configuration of networks. Performs general LAN/MAN/WAN administration, provides technical leadership in the integration and test of complex large-scale computer integrated networks. Schedules conversions and cut overs. Oversees network control center. Supervises maintenance of systems. Coordinates with all responsible users and sites. Supervises staff.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

91. Commercial Job Title: Telecommunications Specialist III

Minimum/General Experience: Minimum of ten years experience is required, of which seven years must be specialized. Specialized experience required includes: protocol analysis, knowledge of OSI protocol particularly TCP/IP, X.25.X.400, X.500. Experience with ATM, frame relay, other knowledge with bridges, routers, gateways, FDDI, detailed knowledge of UNIX operating systems. Also, CNE or ECNE experience a plus, supervising the operation and maintenance of communication network systems which may be mainframe, mini, or client/server based. General experience required includes: all aspects of communication networks planning, installation, and support. *Alternate Experience Requirements*: A *Master's degree* (in the fields described below) requires six years

specialized experience and eight years of general experience. A *Ph.D.* (in the fields described below) requires five years specialized experience and seven years of general experience. An *A s so cia te' s degree* (in the fields described below) requires nine years specialized experience and twelve years of general experience. A degree is not required with eleven years of specialized experience and thirteen years of general experience.

<u>Functional</u> <u>Responsibility</u>: Evaluates communication hardware and software, troubleshoots LAN/MAN/WAN and other network related problems, provides technical expertise for performance and configuration of networks. Performs general LAN/MAN/WAN administration, provides technical leadership in the integration and test of complex large-scale computer integrated networks. Schedules conversions and cut overs. Oversees network control center. Supervises maintenance of systems. Coordinates with all responsible users and sites. Supervises staff.

<u>Minimum</u> <u>Education</u>: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

92. Commercial Job Title: Training Specialist I

<u>Minimum/General Experience</u>: Two years of business and/or technical course development and stand-up instruction experience.

<u>Functional Responsibility</u>: Develops and provides lesson plans, course outlines, and classroom materials to support presentations and/or instruction on business and technical subject matter. Provides stand-up course instruction as well as develops supporting curriculum.

<u>Minimum Education</u>: Bachelor's Degree or an additional four years of related experience.

93. Commercial Job Title: Training Specialist II

<u>Minimum/General Experience</u>: Five years of business and/or technical course development and stand-up instruction experience.

<u>Functional Responsibility</u>: Develops and provides lesson plans, course outlines, and classroom materials to support presentations and/or instruction on business and technical subject matter. Provides stand-up course instruction as well as develops supporting curriculum materials.

<u>Minimum Education</u>: Bachelor's Degree or an additional four years of related experience.

94. Commercial Job Title: Sr. Database Specialist/Administrator

<u>Minimum/General Experience</u>: Minimum of seven years experience, with at least five years specialized experience. Specialized experience required includes: demonstrated experience with DBMS design and system analysis, current operating systems software internals and data manipulation techniques and languages General experience required includes: increasing responsibilities in the development and maintenance of data base systems. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires four years specialized experience and five years of general experience. A *Ph.D.* (in the fields described below) requires two years specialized experience and four years of general experience. An *A sso cia te' s degree* (in the fields described below) requires six years specialized experience and ten years of general experience. A degree is not required with nine years of specialized experience and eleven years of general experience.

<u>Functional</u> <u>Responsibility</u>: Directs the design of databases to store, secure, select, and retrieve information in a logical, orderly manner. Ensures that designed systems provide sufficient controlled avenues for access to and update of the database. Ensures the currency, accuracy, and integrity of the data. Oversees the design and maintenance of the data dictionary; retrieves transactions to ensure correct implementation and usages of the database. Continually assesses the performance of the data base for maximum effectiveness. Works closely with peer level data processing management to evaluate the effects of systems tools or equipment changes on the database and to ensure continuing integration of the data base. Trains and develops subordinates through varied assignments.

<u>Minimum</u> <u>Education</u>: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

SPECIALIZED LABOR CATEGORY DESCRIPTIONS

Software Reengineering

Labor Category: 202   Title: Reengineering Project Manager

Minimum/General Experience: Twelve years experience, with at least nine years specialized experience of which two years were leading or managing a software reengineering task or project. Specialized experience includes complete engineering or reengineering project or task development from inception to deployment, demonstrated ability to provide guidance and direction in multiple tasks across several functional areas and including the use of different technologies; proven expertise in the management and control of funds and resources, demonstrated capability in managing multi-task contracts. General experience includes increasing responsibilities in information systems design and management. *Alternate Experience Requirements*: A *Ma ster' s* *degree* (in the fields described below) requires eight years specialized experience and ten years of general experience. A *Ph.D.* (in the fields described below) requires seven years specialized experience and nine years of general experience. An *A sso cia te' s degree* (in the fields described below) requires ten years specialized experience and fourteen years of general experience. A degree is not required with twelve years of specialized experience and fifteen years of general experience.

Functional Responsibility: Leads the project or multiple tasks and retains overall responsibility for performance including cost, schedule, deliverables and contractual compliance.   Develops software reengineering plans in accordance with CACI's RENovate^{SM} methodology and manages software reengineering tasks in accordance with these plans. Provides the interface to the customer and other project leaders. May work under a Program Manager for multiple projects. Identifies, acquires, and utilizes company resources to achieve project technical objectives. Establishes priorities, task assignment and completion. Ensures quality and productivity standards are maintained while meeting project/client deadlines and budget constraints. Serves as the client liaison on all project matters. Performs a quality assurance role and ensures timely delivery of all specified deliverables.   Identifies all task responsibilities and reports any changes or suggestions accordingly to a senior Project Manager or Program Manager. Supervises the training of new personnel under the project to assure compliance with CACI's RENovate^{SM} methodology and processes as well as government regulations, codes, and Company policy and procedures. Participates in contract negotiations.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Labor Category: 203   Title: Senior Reengineering Analyst

Minimum/General Experience: Minimum of twelve years experience, with at least nine years specialized experience of which one year was software reengineering, software migration or systems migration support. Specialized experience includes experience as an applications programmer on large-scale database management systems, knowledge of target computer equipment and ability to decompose complex legacy software to define reengineering design specifications. *Alternate Experience Requirements*: A *Ma ster' s* *degree* (in the fields described below) requires eight years specialized experience and ten years of general experience. A *Ph.D.* (in the fields described below) requires seven years specialized experience and nine years of general experience. An *A sso cia te' s degree* (in the fields described below) requires ten years specialized experience and fourteen years of general experience. A degree is not required with twelve years of specialized experience and fifteen years of general experience.

Functional Responsibility: Participates in meetings with functional/user management to validate legacy business systems requirements derived from source code and existing documentation and develop alternatives/approaches in reconstituting reengineered software and systems. Prepares and analyses cost and benefit trade-offs of systems solutions.   Typically works under the supervision of a lead programmer analyst and may supervise other programmers or reengineering analysts in any of the phases in the life cycle of application software. Prepares system design specifications, and prepares systems documentation and report layouts using automated tools, current design techniques or functional program specifications. Codes complex programs, generates program test data, and tests and debugs programs. Prepares program and system documentation. May provide technical guidance, training and work direction to those supervised or to less experienced programmer analysts or reengineering analysts.

<u>Minimum</u> <u>Education</u>: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Labor Category: 204   Title: Reengineering Analyst

<u>Minimum/General</u> <u>Experience</u>: Minimum of ten years experience, with at least eight years specialized experience and training in software reengineering. Specialized experience includes experience as an applications programmer on large-scale database management systems, and ability to develop software to satisfy design objectives. *Alternate Experience Requirements*: A <u>*Master's*</u> <u>*degree*</u> (in the fields described below) requires seven years specialized experience and eight years of general experience. A <u>*Ph.D.*</u> (in the fields described below) requires six years specialized experience and seven years of general experience. An <u>*A s so cia te' s*</u> <u>*degree*</u> (in the fields described below) requires nine years specialized experience and twelve years of general experience. A degree is not required with eleven years of specialized experience and thirteen years of general experience.

<u>Functional</u> <u>Responsibility</u>: Under supervision of a lead or senior reengineering analyst, decomposes, reconstitutes, recomposes and tests application programs using automated tools and prescribed methodology. Develops reengineering and design specifications, prepares program and systems documentation and report layouts, generates program test data and tests and debugs programs. Provides input to user documentation.

<u>Minimum</u> <u>Education</u>: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Labor Category: 205   Title: Reengineering Systems Analyst

<u>Minimum/General</u> <u>Experience</u>: Minimum of twelve years experience is required, of which nine years must be specialized experience. Four years specialized experience shall be in the analysis and design of business applications on complex, large-scale systems, including three years experience in data base management concepts, and one year experience in systems or software reengineering. Knowledge of state-of-the-art storage and retrieval methods is required, as well as the ability to formulate specifications for computer programmers to use in coding, testing, and debugging of computer software, plus one year of systems analysis experience designing technical applications on computer systems. General experience shall be in work of a technical nature at progressively increasing levels of responsibility. NOTE: Specialized and general experience may have been gained concurrently. *Alternate Experience Requirements*: A <u>*Ma ster' s*</u> <u>*degree*</u> (in the fields described below) requires eight years specialized experience and ten years of general experience. A <u>*Ph.D.*</u> (in the fields described below) requires seven years specialized experience and nine years of general experience. An <u>*A sso cia te' s*</u> <u>*degree*</u> (in the fields described below) requires ten years specialized experience and fourteen years of general experience. A degree is not required with twelve years of specialized experience and fifteen years of general experience.

<u>Functional</u> <u>Responsibility</u>: Works independently or under general direction on computer systems that are moderately complex to analyze, plan, program, and operate. Analyzes**,** reengineers, and develops computer software possessing a wide range of capabilities, including numerous engineering, business, and records management. Develops plans for ADP systems from project inception to conclusion. Analyzes the problem and the information to be processed. Defines the problem, and develops reengineered system requirements and program specifications, from which programmers prepare systems documentation, programs, and tests. Coordinates closely with programmers to ensure proper implementation of program and system specifications. Confers with functional proponents to determine application requirements and recommend reconstituted system alternative solutions.

<u>Minimum</u> <u>Education</u>: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Labor Category: 206   Title: Reengineering Systems Engineer

<u>Minimum/General</u> <u>Experience</u>: Minimum of ten years experience, with at least eight years specialized experience. Specialized experience includes use of structured analysis, design methodologies, and design tools and other design techniques, object oriented principles, and experience with logical and physical functional, operational, and technical architecture of large and complex information systems. General experience includes training or experience in software or systems reengineering or migration. *Alternate Experience Requirements*: A <u>*Ma ste r' s*</u> <u>*degree*</u> (in the fields described below) requires seven years specialized experience and eight years of general experience. A <u>*Ph.D.*</u> (in the fields described below) requires six years specialized experience and seven years of general experience. An <u>*A sso cia te' s*</u> <u>*degree*</u> (in the fields described below) requires nine years specialized experience and twelve years of

general experience. A degree is not required with eleven years of specialized experience and thirteen years of general experience.

Functional Responsibility: Performs analysis decomposition, design, and development of complex computer systems software to support reengineering activities. Evaluates user needs with the maintenance of single-product modules and sub-systems. Designs and develops utility programs and operating systems adjuncts such as executive programs. Participates in the development of test strategies, devices and systems. Researches and develops solutions to the systems problems identified during testing or reported by quality assurance.   Assists in the identification and evaluation of software and hardware products.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Labor Category: 208   Title: Business Analyst

Minimum/General Experience: Minimum of ten years experience, with at least eight years specialized experience. Specialized Experience includes developing functional requirements and data elements for complex integrated ADP systems. Must demonstrate the ability to work independently or under only general direction. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires seven years specialized experience and eight years of general experience. A *Ph.D.* (in the fields described below) requires six years specialized experience and seven years of general experience. An *A sso cia te' s degree* (in the fields described below) requires nine years specialized experience and twelve years of general experience. A degree is not required with eleven years of specialized experience and thirteen years of general experience.

Functional Responsibility: Recommends improvements or modifications in sequence of operations, equipment utilization and related matters. Examines and analyzes current and contemplated operations for developing, defining, and coordinating user requirements which will satisfy reengineered system requirements. Translates legacy system user requirements into system specifications reengineering plans, data management plans, configuration management plans, life cycle management documentation, integrated logistics support plans and related operational summaries. Writes specification manuals and user documentation for client or user personnel. Gathers information from users, defines work problems, and designs a system and procedures to resolve problems.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific, functional or technical discipline.

Simulation and Modeling

Labor Category: 301   Title: Chief Simulation Scientist

Minimum/General Experience: Fifteen years experience, with at least ten years specialized experience including complete engineering project development from inception to deployment, demonstrated ability to provide technical guidance and direction in multiple tasks across several functional areas and use of different technologies. Must have proven expertise in applying simulation and modeling concepts, and related information, telecommunications or engineering technologies. Provide examples of demonstrated skills in the management and control of funds and resources and demonstrated ability in managing complex multi-task contracts. General experience should include past history of increased responsibilities in information systems design and management. *Alternate Experience Requirements*: A *Ma ster's degree* (in the fields described below) requires nine years specialized experience and thirteen years of general experience.   A Ph.D. *(in the fields described below) requires eight years specialized experience and twelve years of general experience.   A minimum of a *B a ch elo r' s degree* (in the fields described below) is required for this category.

Functional Responsibility: Responsible for technical aspects of a program or project.   Provide guidance in simulation architectures, modeling concepts, and tool sets for implementation. Must provide effective management of assigned resources. Operate within client guidance, contractual limitations, and company business and policy directives. Serve as technical focal point-of-contact with client on program activities. In the absence of a program manager (PM), perform duties of PM and ensure all required resources including manpower, production standards, computer time, and facilities are available for program implementation.   As the PM, manage multiple projects including project identification, design, development, and delivery.   Confer with project manager to provide technical advice and to assist with problem resolution. May participate in contract negotiations.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Labor Category: 302   Title: Senior Simulation Modeler

Minimum/General Experience: Minimum of ten years experience in a software development environment with at least seven years experience as a model developer on large-scale simulation or information management systems, with knowledge of target computer equipment, and the ability to develop complex software to satisfy design objectives. *Alternate Experience Requirements*: A *Ma st er's degree* (in the fields described below) requires six years specialized experience and eight years of general experience. A *Ph.D.* (in the fields described below) requires five years specialized experience and seven years of general experience. An *A s so cia te' s degree* (in the fields described below) requires nine years specialized experience and twelve years of general experience. A degree is not required with eleven years of specialized experience and thirteen years of general experience.

Functional Responsibility: Lead meetings with functional/user management to define simulation systems requirements and to resolve problems in existing jobs. Analyze cost and benefit trade-offs of systems solutions. Lead a team of simulation modelers in all phases in the life-cycle of simulation software. Lead development of systems design specifications, and prepare and review systems documentation and report layouts using automated tools, current design techniques or functional program specifications. Review code of more complex programs, generates or reviews program test data, and oversee testing and debugging of programs. Review program and system documentation.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, or other related scientific or technical discipline.

Labor Category: 303   Title: Simulation Modeler

Minimum/General Experience: Minimum of three years experience in a software development and modeling and simulation environment with at least two years as a model developer on large-scale simulation systems, with knowledge of target computer equipment and an ability to develop complex software to satisfy design objectives. *Alternate Experience Requirements*:   A *Ma ster' s degree* (in the fields described below) requires two years specialized experience and three years of general experience. A *Ph.D.* (in the fields described below) requires two years specialized experience and three years of general experience. An *A s so cia te' s degree* (in the fields described below) requires two years specialized experience and four years of general experience. A degree is not required with three years of specialized experience and five years of general experience.

Functional Responsibility: Participate in meetings with functional/user management to define simulation systems requirements and develop alternatives/approaches in resolving problems in existing jobs. Prepare and analyze cost and benefit trade-offs of systems solutions. Under the supervision of a senior simulation modeler, may supervise other simulation modelers in any of the phases in the life-cycle of simulation software. Prepare system design specifications, systems documentation, and report layouts using automated tools, current design techniques or functional program specifications.   Code complex programs, generate program test data, and test and debug programs. Provide technical guidance, training, and work direction to less experienced simulation modeler.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Labor Category: 304   Title: Simulation Programmer

Minimum/General Experience: Must be able to demonstrate the ability to work independently or under only general direction on requirements that are moderately complex to analyze, plan, program, and implement software applications or simulations in a software development environment.   This position is for recent college graduates and requires **no work experience.** A minimum of a *B a ch elo r' s degree* (in the fields described below) is required for this category. A Master's Degree or Ph.D. can be substituted for the Bachelor's Degree requirement.

Functional Responsibility: Performs analysis, design, development, testing and debugging of simulation software. Assists in evaluating/determining user needs with the maintenance of single-product modules and subsystems. Participates in the development of test strategies, tools, and systems. Researches problems discovered by quality assurance or product support and develops solutions.

<u>Minimum</u> <u>Education</u>: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Labor Category: 305   Title: Senior Simulation Analyst

<u>Minimum/General</u> <u>Experience</u>: Eight years experience with at least five years specialized experience as an analyst using large-scale simulation systems, with knowledge of target computer equipment, and ability to use complex software to satisfy analysis objectives. *Alternate Experience Requirements*:   A <u>*Ma st er's*</u> <u>*degree*</u> (in the fields described below) requires four years specialized experience and six years of general experience. A <u>*Ph.D.*</u> (in the fields described below) requires three years specialized experience and five years of general experience.   An <u>*A sso cia te' s*</u> <u>*degree*</u> (in the fields described below) requires seven years specialized experience and eleven years of general experience.   A degree is not required with nine years of specialized experience and twelve years of general experience.

<u>Functional</u> <u>Responsibility</u>:   Lead meetings with functional/user management to define simulation systems requirements and to resolve problems in existing jobs. Analyze cost and benefit trade-offs of systems solutions. Typically, lead other simulation analysts in any of the phases in the life-cycle of analytic studies. Lead development of study design specifications, and prepare or review systems documentation, and report layouts.   Generate or review studies and documentation.

<u>Minimum</u> <u>Education</u>: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Labor Category: 306   Title: Simulation Analyst

<u>Minimum/General</u> <u>Experience</u>: Minimum of three years experience, with at least two years experience as an analyst using large-scale simulation systems, with knowledge of target computer equipment and ability to use complex software to satisfy design objectives.   *Alternate Experience Requirements*:   A <u>*Ma st er's*</u> <u>*degree*</u> (in the fields described below) requires two years specialized experience and three years of general experience. A <u>*Ph.D.*</u> (in the fields described below) requires two years specialized experience and three years of general experience.   An <u>*A sso cia te' s*</u> <u>*degree*</u> (in the fields described below) requires two years specialized experience and four years of general experience.   A degree is not required with three years of specialized experience and five years of general experience.

<u>Functional</u> <u>Responsibility</u>: Participate in meetings with functional/user management to define simulation systems requirements and develop alternatives/approaches in resolving problems in existing jobs. Prepare and analyze cost and benefit trade-offs of systems solutions. Work under the supervision of a senior simulation analyst and may supervise other simulation analysts in any of the phases of simulation studies. Prepare documentation of study results. May provide technical guidance, training, and work direction to those supervised or to less experience simulation analysts.

<u>Minimum</u> <u>Education</u>: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Labor Category: 307   Title: Senior Simulation Database Modeler

<u>Minimum/General</u> <u>Experience</u>: Eight years experience with at least five years specialized experience as a database modeler on large-scale database management systems, with knowledge of target computer equipment, and ability to design database architecture and develop complex software to satisfy design objectives. *Alternate Experience Requirements*: A <u>*Ma ste r' s*</u> <u>*degree*</u> (in the fields described below) requires four years specialized experience and six years of general experience. A <u>*Ph.D.*</u> (in the fields described below) requires three years specialized experience and five years of general experience.   An <u>*A sso cia te' s*</u> <u>*degree*</u> (in the fields described below) requires seven years specialized experience and eleven years of general experience.   A degree is not required with nine years of specialized experience and twelve years of general experience.

<u>Functional</u> <u>Responsibility</u>:   Lead meetings with functional/user management to define database systems requirements and to resolve problems in existing jobs. Analyze cost and benefit trade-offs of systems solutions. Lead a team of other database modelers and programmers in any of the phases in the life-cycle of database software. Lead development of systems design specifications, and prepare or review systems documentation and report layouts using automated tools, current design techniques or functional program specifications. Code or review code

of more complex programs, generate program test data, and lead testing and debugging of programs.   Review program and system documentation.

<u>Minimum</u> <u>Education</u>:   Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Labor Category: 308   Title: Simulation Database Programmer

<u>Minimum/General</u> <u>Experience</u>: Minimum of three years experience, with at least two years experience as a database programmer on large-scale database management systems, with ability to develop software to satisfy design objectives. *Alternate Experience Requirements*:   A <u>*Ma ster ' s*</u> <u>*degree*</u> (in the fields described below) requires two years specialized experience and three years of general experience. A <u>*Ph.D.*</u> (in the fields described below) requires two years specialized experience and three years of general experience.   An <u>*A s so cia te' s*</u> <u>*degree*</u> (in the fields described below) requires two years specialized experience and four years of general experience. A degree is not required with three years of specialized experience and five years of general experience.

<u>Functional</u> <u>Responsibility</u>:   Under supervision of a lead or senior simulation database modeler, design, develop, code, and test database related application programs using automated tools and prescribed methodology. Develop design specifications, prepare program and systems documentation and report layouts, generate program test data, and the testing and debugging of programs. Assists in evaluating/determining user needs with the maintenance of single-product modules and subsystems.   Participates in the development of test strategies, tools, and systems. Researches problems discovered by quality assurance or product support and develops solutions. Provide input to user documentation.

<u>Minimum</u> <u>Education</u>: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Labor Category: 309   Title: Simulation Technical Writer/Editor

<u>Minimum/General</u> <u>Experience</u>: Five years experience with at least three years specialized experience in writing or editing technical documents in applicable Government and/or industry standards.   Experience includes writing, editing, and grammatical revision and application associated with technical writing. Must have fine writing and editing skills and formal training in nonfiction, technical, and professional writing.   Experience in desktop publishing and graphic arts skills to include the design and development of marketing and advertising materials for publication.   Technical writing/editing experience related to computer program and database documentation. Prepared system and technical documentation and has written and edited various user-guides and manuals. *Alternate Experience Requirements*:   A <u>*Ma ster' s*</u> <u>*degree*</u> (in the fields described below) requires two years specialized experience and five years of general experience.   A <u>*Ph.D.*</u> (in the fields described below) requires two years specialized experience and five years of general experience.   An <u>*A sso cia te' s*</u> <u>*degree*</u> (in the fields described below) requires four years specialized experience and eight years of general experience. A degree is not required with seven years of specialized experience and nine years of general experience.

<u>Functional</u> <u>Responsibility</u>:   Collect and analyze applicable technical documentation.   Responsible for writing, outlining, and coordinating proposal team inputs and production for key proposal sections; editing technical proposals and resumes. Organize material and write descriptive copy according to established standards regarding order, clarity, conciseness, style, and terminology. Review published materials and recommend revisions or changes in scope, format, content, and methods of reproduction and binding. May select photographs, drawings, sketches, diagrams, and charts to illustrate material. May assist in laying out material for publication. May use automated tools, including computer terminal and word processing or desktop publishing software in performing assigned duties. May coordinate the production and distribution of material.

<u>Minimum</u> <u>Education</u>: Bachelors Degree in English, Literature, Computer Science, Information Systems, Business or other related discipline.

Electronic Procurement and Contracting

Labor Category: SC-PM   Title: Electronic Procurement and Contracting Program Manager

Minimum/General Experience: Minimum 5 years experience with procurement and contracting procedures / systems.   Three years specialized in EC/EDI and systems design and specific design and/or implementation experience with automated procurement systems, such as SACONS and/or SAACONS. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires three years-specialized experience and three years of general experience.   A *Ph.D.* (in the fields described below) requires three years-specialized experience and three years of general experience.   An *A s s o cia te' s degree* (in the fields described below) requires four years-specialized experience and seven years of general experience. A degree is not required with five years of specialized experience and nine years of general experience.

Functional Responsibility: Directs and supervises resources for performance of project assignments and activities. Manages project scheduling, design, implementation, testing and acceptance. Primary client interface. Responsible for quality of output.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business or other related Scientific or Technical disciplines.

Labor Category: SC-SECC Title: Electronic Procurement and Contracting Consultant / Subsystem Manager

Minimum/General Experience: Minimum 5 years experience with procurement and contracting procedures / systems. One year specialized in EC/EDI and systems design and specific design and/or implementation experience with automated procurement systems, such as SACONS and/or SAACONS. *Alternate Experience Requirements*: A *Ma ster's degree* (in the fields described below) requires one year specialized experience and three years of general experience.   A *Ph.D.* (in the fields described below) requires one year specialized experience and one year of general experience.   An *A sso c ia te' s degree* (in the fields described below) requires two years-specialized experience and seven years of general experience.   A degree is not required with three years of specialized experience and nine years of general experience.

Functional Responsibility: Provides expert functional advice and direction to client's users, management and project teams working on complex systems in the area of Electronic Commerce. Consults with management and clients to define and evaluate solutions and functional requirements for complex problems. Solves especially complex training, implementation, and/or operational problems. May act as Program Manager or deputy.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business or other related Scientific or Technical disciplines.

Labor Category: SC-SS   Title: Systems Scientist

Minimum/General Experience: Minimum 8 years experience with DBMS, LANS and WANS. Three years specialized in complex application implementations and interfacing multiple systems, and specific design and/or implementation experience with automated procurement systems, such as SACONS and/or SAACONS. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires three years-specialized experience and six years of general experience. A *Ph.D.* (in the fields described below) requires three years- specialized experience and four years of general experience. An *A sso cia te' s degree* (in the fields described below) requires four years-specialized experience and ten years of general experience. A degree is not required with five years of specialized experience and twelve years of general experience.

Functional Responsibility: Provides technical leadership to teams of programmers, programmer/analysts, and systems analysts. Works independently to provide expert advice to assigned functional/user management and to project teams for complex systems.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business or other related Scientific or Technical disciplines.

Labor Category: SC-STS   Title: Senior Training Specialist

Minimum/General Experience: Two years general and one year specialized training experience with automated procurement systems, such as SACONS and/or SAACONS is required, including general experience with developing and providing User training on application software, and specialized in procurement or business process applications. *Alternate Experience Requirements*: A *Ma st er's degree* (in the fields described below) requires no specialized experience and one year of general experience. A *Ph.D.* (in the fields described below) requires no specialized or general experience.   An *A s so cia te' s degree* (in the fields described below) requires one year specialized experience and three years of general experience. A degree is not required with two years of specialized experience and four years of general experience.

Functional Responsibility: Prepares and conducts training programs for clients; assures site is ready for training, and ready for operations after training.

Minimum Education: Bachelors Degree in any field.

Labor Category: SC-SPA   Title: Senior Procurement Analyst

Minimum/General Experience: Minimum 3 years experience with two years specialized in acquisition systems or complex vertical business applications. *Alternate Experience Requirements*: A *Ma st er's degree* (in the fields described below) requires two years-specialized experience and two years of general experience. A *Ph.D.* (in the fields described below) requires two years-specialized experience and two years of general experience.   An
A sso cia te' s degree (in the fields described below) requires three years-specialized experience and five years of general experience. A degree is not required with four years of specialized experience and seven years of general experience.

Functional Responsibility: Provides expert functional advice and direction to functional/user area management and project teams working on complex systems. Consults with management and clients to define and evaluate solutions and functional requirements for complex problems.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific, functional, or technical discipline.

Labor Category: SC-SSA   Title: Senior Systems Analyst/ Manager

Minimum/General Experience: Minimum 8 years experience in analysis, design of complex business systems with knowledge of project leadership, and specific experience with automated procurement systems, such SACONS and/or SAACONS. *Alternate Experience Requirements*: A *Ma ster's   degree* (in the fields described below) requires six years experience. A *Ph.D.* (in the fields described below) requires four years experience. An *A sso cia te' s degree* (in the fields described below) requires ten years experience. A degree is not required with twelve years experience.

Functional Responsibility: Provides expert technical advice to functional/user management and project teams for complex systems. Responsible for architecture and directs detailed design, development and analysis of computer systems. Consults with management and clients to define and evaluate system solutions and requirements. Provides technical direction for installation and support of computer systems.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific, functional, or technical discipline.

Labor Category: SC-SA   Title: Systems Analyst

Minimum/General Experience: Minimum 3 years experience with systems installation, and integration of operating system software, network software, and hardware. Experience with the implementation of complex business applications, and specific design and/or implementation experience with automated procurement systems, such as SACONS and/or SAACONS. *Alternate Experience Requirements*: A *Ma ste r' s degree* (in the fields described below) requires one-year experience.   A *Ph.D.* (in the fields described below) requires one year experience.   An
Associate's degree (in the fields described below) requires five years experience. A degree is not required with seven years experience.

Functional Responsibility: Provides specialized advice in the area of systems analysis. Maintains existing systems and independently develops new systems. Technical lead on small to medium size projects. Performs support tasks for installing, planning and maintaining computer systems. Provides hot line technical support to the field.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical disciplines.

Labor Category: SC-PA   Title: Programmer Analyst

Minimum/General Experience: Minimum of a year experience in two programming languages, 4GL relational database, analysis techniques, testing, debugging and documentation standards, and specific analysis, design, and/or programming experience with automated procurement systems, such as SACONS and/or SAACONS. *Alternate Experience Requirements*: A *Ma ster's degree* (in the fields described below) requires no experience. A Ph.D. *(*in the fields described below) requires no experience.   An *A s so cia te' s degree* (in the fields described below) requires three years experience. A degree is not required with five years of experience.

Functional Responsibility: Independently creates/modifies business system computer programs or, under the technical direction of more senior staff, works on elements of major or complex systems.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical disciplines.

Labor Category: SC-CP   Title: Computer Programmer

Minimum/General Experience: Three years general and one year specialized experience in two programming languages, analysis techniques, testing, debugging and documentation standards, and specific programming experience with automated procurement systems, such as SACONS and/or SAACONS. *Alternate Experience Requirements*: A *B a ch elo r' s degree* (in the fields described below) requires one year specialized experience and two years of general experience. A *Ma ster's or Ph.D.* (in the fields described below) requires no experience. A degree is not required with two years of specialized experience and four years of general experience.

Functional Responsibility: Analyzes requirements and creates/ modifies computer programs under the technical direction of more senior staff.

Minimum Education: Associate's Degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical disciplines.

Labor Category: SC-TW   Title: Technical Writer/ Administrative Assistant

Minimum/General Experience: Two years general and one year specialized experience in specialized writing or editing technical documents and experience in applicable government and/or industry Electronic Commerce standards. *Alternate Experience Requirements*: A *Ma ster's   or Ph.D. degree* (in the fields described below) requires no experience.   An *A sso cia te ' s degree* (in the fields described below) requires one year specialized experience and three years of general experience. A degree is not required with two years of specialized experience and four years of general experience.

Functional Responsibility: Keyboard entry, document management/preparation and reproduction and packaging/routing of documents.

Minimum Education: Bachelor's Degree in English, Information Systems, Business, or other related disciplines.

USA COMMITMENT TO PROMOTE
SMALL BUSINESS PARTICIPATION
PROCUREMENT PROGRAMS

PREAMBLE

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

COMMITMENT

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 **Corey Roberts, 703-841-7699, email: jcroberts@caci.com, Fax: 703-841-4489**

BEST VALUE

BLANKET PURCHASE AGREEMENT
FEDERAL SUPPLY SCHEDULE

(Insert Customer Name)

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

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

BPA NUMBER_____

(CUSTOMER NAME)
BLANKET PURCHASE AGREEMENT

Pursuant to GSA Federal Supply Schedule Contract Number(s)_____, 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.

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 or 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.