

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

SPECIAL ITEM NUMBER 132-8 PURCHASE OF EQUIPMENT*

(Special Physical, Visual, Speech, and Hearing Aid Equipment) (FPDS Code N070 - Installation, Deinstallation and Reinstallation for Equipment Offered)

FSC CLASS 7010 - SYSTEM CONFIGURATION: End User Computers/Desktop Computers, Professional Workstations, Laptop/Portable/Notebook Computers

FSC CLASS 7025 - INPUT/OUTPUT AND STORAGE DEVICES: Printers, Network Equipment, Other Communications Equipment

FSC CLASS 5830 - INTERCOMMUNICATION AND PUBLIC ADDRESS SYSTEMS, EXCEPT AIRBORNE: Pagers and Public Address Systems (wired and wireless transmission, including background music systems)

FSC CLASS 5895 - MISCELLANEOUS COMMUNICATION EQUIPMENT

NOTE: Installation must be incidental to, in conjunction with and in direct support of the products sold under SIN 132-8 of this contract and cannot be purchased separately. If the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act apply.

SPECIAL ITEM NUMBER 132-33 - PERPETUAL SOFTWARE LICENSES

Software maintenance as a product includes the publishing of bug/defect fixes via patches and updates/upgrades in in function and technology to maintain the operability and usability of the software product. It may also include other no charge support that is included in the purchase price of the product in the commercial marketplace. No charge support includes items such as 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.

FSC CLASS 7030 - INFORMATION TECHNOLOGY SOFTWARE:

<u>Microcomputers</u> - Operating System Software, Application Software, Utility Software, Communications Software, Special Physical, Visual, Speech, and Hearing Aid Software

SPECIAL ITEM NUMBER 132-51 INFORMATION TECHNOLOGY (IT) 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 D310	IT Backup and Security Services

^{*} Overnight and 2-Day Delivery for all products included on this SIN will be available at the current rates provided by the carrier to be used at the time of delivery.



FPDS Code D316 IT Network Management Services

FPDS Code D399 Other Information Technology Services, Not Elsewhere Classified

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

NOTE: Offerors and Agencies are advised that the Group 70 – Information Technology Schedule is <u>not</u> 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.



Abacus-N-Bytes, Inc. d/b/a TCS Associates 11141 Georgia Avenue, Suite 200 Wheaton, MD 20902 (301) 942-9766 www.TCSassociates.com

Contract Number: <u>GS35F-0512L</u>

Period Covered by Contract: 7/25/2006 – 7/25/2011

Pricelist current through Modification #0079, dated March 4, 2011.

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



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! TM on-line shopping service (www.fss.gsa.gov). The catalogs/pricelists, GSA Advantage! TM 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, within the aforementioned areas, for orders received from overseas activities.

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

Offerors are requested to check one of the follow	ing boxes:
[X] The Geographic Scope of Contract will be do	omestic and overseas delivery.
[] The Geographic Scope of Contract will be ov	verseas delivery only.
[] The Geographic Scope of Contract will be do	omestic delivery only.

2. CONTRACTOR'S ORDERING ADDRESS AND PAYMENT INFORMATION:

Abacus-N-Bytes, Inc. d/b/a TCS Associates 11141 Georgia Avenue, Suite 200 Wheaton, MD 20902 (301) 942-9766



Contractors are required to accept the Government purchase card for payments equal to or less than the micro-purchase threshold for oral or written delivery orders. Government purchase 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: (301) 942-9766

3. LIABILITY FOR INJURY OR DAMAGE

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

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: 11-263-6170

Block 30: Type of Contractor – A. Small Disadvantaged Business

Block 31: Woman-Owned Small Business - Yes

Block 36: Contractor's Taxpayer Identification Number (TIN): 52-1325301

4a. CAGE Code: 1FPR1

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

5. FOB DESTINATION

6. **DELIVERY SCHEDULE**

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

SPECIAL ITEM NUMBER	DELIVERY TIME
132-8	As agreed to by Customer and Contractor
132-33	As agreed to by Customer and Contractor

b. URGENT REQUIREMENTS: When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering agency, agencies are encouraged, if time permits, to contact TCS for the purpose of obtaining accelerated delivery. TCS shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by TCS in writing.) If TCS offers an accelerated delivery time acceptable to the ordering agency, 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:** Prices shown are NET Prices; Basic Discounts have been deducted.



- Prompt Payment: 0.25 % 10 days from receipt of invoice or date of acceptance, whichever is later.
- b. Quantity: 3% for computer systems over 50
- c. Dollar Volume: 1% for volume orders over \$100,000
- d. Government Educational Institutions: Same as all other Government customers
- e. Other: None

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:

Export packing is available outside the scope of the contract.

- 10. SMALL REQUIREMENTS: The minimum dollar value of orders to be issued is \$50.00.
- 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 132-8 Purchase of Equipment
 - Special Item Number 132-33 Perpetual Software Licenses
 - Special Item Number 132-51 Information Technology (IT) Professional Services

12. USE OF FEDERAL SUPPLY SERVICE INFORMATION TECHNOLOGY SCHEDULE CONTRACTS. IN ACCORDANCE WITH FAR 8.404:

[NOTE: Special ordering procedures have been established for Special Item Numbers (SINs) 132-51 IT Professional Services and 132-52 EC Services; refer to the terms and conditions for those SINs.]

Orders placed pursuant to a Multiple Award Schedule (MAS), using the procedures in FAR 8.404, are considered to be issued pursuant to full and open competition. Therefore, when placing orders under Federal Supply Schedules, ordering offices need not seek further competition, synopsize the requirement, make a separate determination of fair and reasonable pricing, or consider small business set-asides in accordance with subpart 19.5. GSA has already determined the prices of items under schedule contracts to be fair and reasonable. By placing an order against a schedule using the procedures outlined below, the ordering office has concluded that the order represents the best value and results in the lowest overall cost alternative (considering price, special features, administrative costs, etc.) to meet the Government's needs.

- a. Orders placed at or below the micro-purchase threshold. Ordering offices can place orders at or below the micro-purchase threshold with any Federal Supply Schedule Contractor.
- b. Orders exceeding the micro-purchase threshold but not exceeding the maximum order threshold. Orders should be placed with the Schedule Contractor that can provide the supply or service that represents the best value. Before placing an order, ordering offices should consider reasonably available information about the supply or service offered under MAS contracts by using the "GSA Advantage!" on-line shopping service, or by reviewing the catalogs/pricelists of at



least three Schedule Contractors and selecting the delivery and other options available under the schedule that meets the agency's needs. In selecting the supply or service representing the best value, the ordering office may consider--

- (1) Special features of the supply or service that are required in effective program performance and that are not provided by a comparable supply or service;
- (2) Trade-in considerations;
- (3) Probable life of the item selected as compared with that of a comparable item;
- (4) Warranty considerations;
- (5) Maintenance availability;
- (6) Past performance; and
- (7) Environmental and energy efficiency considerations.
- c. Orders exceeding the maximum order threshold. Each schedule contract has an established maximum order threshold. This threshold represents the point where it is advantageous for the ordering office to seek a price reduction. In addition to following the procedures in paragraph b, above, and before placing an order that exceeds the maximum order threshold, ordering offices shall--

Review additional Schedule Contractors'

- (1) catalogs/pricelists or use the "GSA Advantage!" on-line shopping service;
- (2) Based upon the initial evaluation, generally seek price reductions from the Schedule Contractor(s) appearing to provide the best value (considering price and other factors); and
- (3) After price reductions have been sought, place the order with the Schedule Contractor that provides the best value and results in the lowest overall cost alternative. If further price reductions are not offered, an order may still be placed, if the ordering office determines that it is appropriate.

NOTE: For orders exceeding the maximum order threshold, TCS may:

- (1) Offer a new lower price for this requirement (the Price Reductions clause is not applicable to orders placed over the maximum order in FAR 52.216-19 Order Limitations);
- (2) Offer the lowest price available under the contract; or
- (3) Decline the order (orders must be returned in accordance with FAR 52.216-19).
- d. Blanket purchase agreements (BPAs). The establishment of Federal Supply Schedule BPAs is permitted when following the ordering procedures in FAR 8.404. All schedule contracts contain BPA provisions. Ordering offices may use BPAs to establish accounts with Contractors to fill recurring requirements. BPAs should address the frequency of ordering and invoicing, discounts, and delivery locations and times.
- e. Price reductions. In addition to the circumstances outlined in paragraph c, above, there may be instances when ordering offices will find it advantageous to request a price reduction. For example, when the ordering office finds a schedule supply or service elsewhere at a lower price or when a BPA is being established to fill recurring requirements, requesting a price reduction could be advantageous. The potential volume of orders under these agreements, regardless of the size of the individual order, may offer the ordering office the opportunity to secure greater discounts.



Schedule Contractors are not required to pass on to all schedule users a price reduction extended only to an individual agency for a specific order.

- f. Small business. For orders exceeding the micro-purchase threshold, ordering offices should give preference to the items of small business concerns when two or more items at the same delivered price will satisfy the requirement.
- g. Documentation. Orders should be documented, at a minimum, by identifying the Contractor the item was purchased from, the item purchased, and the amount paid. If an agency requirement in excess of the micro-purchase threshold is defined so as to require a particular brand name, product, or feature of a product peculiar to one manufacturer, thereby precluding consideration of a product manufactured by another company, the ordering office shall include an explanation in the file as to why the particular brand name, product, or feature is essential to satisfy the agency's needs.
- 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 TCS.
- 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.



- **SECURITY REQUIREMENTS:** In the event security requirements are necessary, the ordering activities may incorporate, in their delivery orders, a security clause in accordance with current laws, regulations, and individual agency policy; however, the burden of administering the security requirements shall be with the ordering agency. If any costs are incurred as a result of the inclusion of security requirements, such costs will not exceed ten percent (10%) or \$100,000, of the total dollar value of the order, whichever is less.
- 15. CONTRACT ADMINISTRATION FOR ORDERING OFFICES: Any ordering office, 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 Government's convenience, and (m) Termination for Cause (See C.1.)

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.fss.gsa.gov/.

17. PURCHASE OF INCIDENTAL, NON-SCHEDULE ITEMS

For administrative convenience, open market (non-contract) items may be added to a Federal Supply Schedule Blanket Purchase Agreement (BPA) or an individual order, provided that the items are clearly labeled as such on the order, all applicable regulations have been followed, and price reasonableness has been determined by the ordering activity for the open market (non-contract) items.

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

19. OVERSEAS ACTIVITIES



Overseas activities are outside the scope of the contracts.

20. YEAR 2000 WARRANTY—COMMERCIAL SUPPLY ITEMS

- (a) As used in this clause, "Year 2000 compliant" means, with respect to information technology, that the information technology accurately processes date/time data (including, but not limited to, calculating, comparing and sequencing) from, into, and between the twentieth and twenty-first centuries, and the years 1999 and 2000, and leap year calculations, to the extent that other information technology used in combination with the information technology being acquired, properly exchanges date/time data with it.
- TCS shall warrant that each hardware, software, and firmware product delivered under this contract shall be able to accurately process date time data (including, but not limited to, calculating, comparing, and sequencing) from, into, and between the twentieth and twenty-first centuries, including leap year calculations, when used in accordance with the product documentation provided by TCS, provided that all products (e.g. hardware, software, firmware) used in combination with products properly exchange date time data with it. If the contract requires that specific listed products must perform as a system in accordance with the foregoing warranty, then that warranty shall apply to those products as a system. The duration of this warranty and the remedies available under this warranty shall include repair or replacement of any product whose non-compliance is discovered and made known to TCS in writing within ninety (90) days after acceptance (installation is considered acceptance). TCS may offer an extended warranty to the Government to include repair or replacement of any product whose noncompliance is discovered and made known to TCS in writing at any time prior to June 1, 2000, or for a period of 6 months following acceptance (installation is considered acceptance) whichever is later. Nothing in this warranty shall be construed to limit any rights or remedies the Government may otherwise have under this contract with respect to defects other than Year 2000 performance.

21. BLANKET PURCHASE AGREEMENTS (BPAS)

Federal Acquisition Regulation (FAR) 13.303-1(a) defines Blanket Purchase Agreements (BPAs) as "...a simplified method of filling anticipated repetitive needs for supplies or services by establishing 'charge accounts' with qualified sources of supply." The use of Blanket Purchase Agreements under the Federal Supply Schedule Program is authorized in accordance with FAR 13.303-2(c)(3), which reads, in part, as follows:

"BPAs may be established with Federal Supply Schedule Contractors, if not inconsistent with the terms of the applicable schedule contract."

Federal Supply Schedule contracts contain BPA provisions to enable schedule users to maximize their administrative and purchasing savings. This feature permits schedule users to set up "accounts" with Schedule Contractors to fill recurring requirements. These accounts establish a period for the BPA and generally address issues such as the frequency of ordering and invoicing, authorized callers, discounts, delivery locations and times. Agencies may qualify for the best quantity/volume discounts available under the contract, based on the potential volume of business that may be generated through such an agreement, regardless of the size of the individual orders. In addition, agencies may be able to secure a discount higher than that available in the contract based on the aggregate volume of business possible under a BPA. Finally, Contractors may be open to a progressive type of discounting where the discount would increase once the sales accumulated under the BPA reach certain prescribed levels. Use of a BPA may be particularly useful with the new Maximum Order feature. See the Suggested Format, contained in this Schedule Pricelist, for customers to consider when using this purchasing tool.



22. 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, Contractor's Reports of Sales and 552.238-76, Industrial Funding Fee, i.e., each contractor (team member) must report sales and remit the IFF for all products and services provided under its individual contract.

23. 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 requisitioning 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.

24. 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: **Manufacturer's** website or will be provided by contractor upon request.



TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT (SPECIAL ITEM NUMBER 132-8)

1. MATERIAL AND WORKMANSHIP

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

2. ORDER

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

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

3. TRANSPORTATION OF EQUIPMENT

FOB DESTINATION. Prices cover equipment delivery to destination, for any location within the geographic scope of this contract.

4. INSTALLATION AND TECHNICAL SERVICES

- a. INSTALLATION. When the equipment provided under this contract is not normally self-installable, TCS technical personnel will be available to the Government, at the Government's location, to install the equipment and to train Government personnel in the use and maintenance of the equipment. The charges, if any, for such services are listed in the price schedule.
- b. INSTALLATION, DEINSTALLATION, REINSTALLATION. The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of \$2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall 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 requisitioning activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8.

c. OPERATING AND MAINTENANCE MANUALS. TCS will furnish the Government with one (1) copy of all operating and maintenance manuals which are normally provided with the equipment being purchased.



5. INSPECTION/ACCEPTANCE

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

6. WARRANTY

- a. Unless specified otherwise in this contract, the Contractor's standard commercial warranty as stated in the contract's commercial pricelist will apply to this contract.
- b. TCS 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, TCS will not be liable to the Government for consequential damages resulting from any defect or deficiencies in accepted items.
- d. If inspection and repair of defective equipment under this warranty will be only performed at TCS plant (11141 Georgia Ave., Suite 200, Wheaton, MD 20902). Before returning any product for repair, a service call must be made to TCS Technical Support Department at (301) 942-9767 for issuance of a valid Service Reference Number and identification of the appropriate repair facility. Units sent without this number will be returned at the Government's expense.

7. PURCHASE PRICE FOR ORDERED EQUIPMENT

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

8. RESPONSIBILITIES OF TCS

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

9. TRADE-IN OF INFORMATION TECHNOLOGY EQUIPMENT

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



TERMS AND CONDITIONS APPLICABLE TO PERPETUAL SOFTWARE LICENSES (SPECIAL ITEM NUMBER 132-33) AND MAINTENANCE (SPECIAL ITEM NUMBER 132-34) OF GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY SOFTWARE

1. INSPECTION/ACCEPTANCE

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

2. GUARANTEE/WARRANTY

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

Ninety (90) Days on Media only.

- 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 Government for consequential damages resulting from any defect or deficiencies in accepted items.

3. TECHNICAL SERVICES

The Contractor, without additional charge to the Government, shall provide a hot line technical support number (301) 942-9766 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 EST to 5:00 PM EST.

4. SOFTWARE MAINTENANCE (NOT PROPOSING)

a. Software maintenance service shall include the following:

For most publishers, the right to make a copy to the latest version of software for number of licenses covered by maintenance.

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) (NOT PROPOSING)

- a. TCS will honor orders for periods for the duration of the contract period or a lesser period of time.
- Maintenance may be discontinued by the Government 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 office's specific appropriation authority provides for funds in excess of a 12 month (fiscal year) period, the ordering office may place an order under this schedule contract for a period up to the expiration of the contract period, notwithstanding the intervening fiscal years.
- e. Ordering offices should notify the Contractor in writing thirty (30) calendar days prior to the expiration of an order, if the maintenance is to be terminated at that time. Orders for the continuation of maintenance will be required if the maintenance is to be continued during the subsequent period.

6. CONVERSION FROM TERM LICENSE TO PERPETUAL LICENSE (NOT PROPOSING)

- a. The Government may convert term licenses to perpetual licenses for any or all software at any time following acceptance of software. At the request of the Government the Contractor shall furnish, within ten (10) calendar days, for each software product that is contemplated for conversion, the total amount of conversion credits which have accrued while the software was on a term license and the date of the last update or enhancement.
- b. Conversion credits which are provided shall, within the limits specified, continue to accrue from one contract period to the next, provided the software remains on a term license within the Government.
- c. The term license for each software product shall be discontinued on the day immediately preceding the effective date of conversion from a term license to a perpetual license.
- d. The price the Government shall pay will be the perpetual license price that prevailed at the time such software was initially ordered under a term license, or the perpetual license price prevailing at the time of conversion from a term license to a perpetual license, whichever is the less, minus an amount equal to _______% of all term license payments during the period that the software was under a term license within the Government.

7. TERM LICENSE CESSATION (NOT PROPOSING)

a. After a software product has been on a continuous term license for a period of ______* months, a fully paid-up, non-exclusive, perpetual license for the software product shall automatically accrue to the Government. The period of continuous term license for automatic accrual of a fully paid-up perpetual license does not have to be achieved during a particular fiscal year; it is a written Contractor commitment which continues to be available for software that is initially ordered under this contract, until a fully paid-up perpetual license accrues to



the Government. However, should the term license of the software be discontinued before the specified period of the continuous term license has been satisfied, the perpetual license accrual shall be forfeited.

- **Each separately priced software product shall be individually enumerated, if different accrual periods apply for the purpose of perpetual license attainment.**
- b. The Contractor agrees to provide updates and maintenance service for the software after a perpetual license has accrued, at the prices and terms of Special Item Number 132-34, if the licensee elects to order such services. Title to the software shall remain with the Contractor.

8. UTILIZATION LIMITATIONS - (132-33, AND 132-34)

- a. Software acquisition is limited to commercial computer software defined in FAR Part 2.101.
- b. When acquired by the Government, commercial computer software and related documentation so legend shall be subject to the following:
 - (1) Title to and ownership of the software and documentation shall remain with the Contractor, unless otherwise specified.
 - (2) Software licenses are by site and by agency. An agency is defined as a cabinet level or independent agency. The software may be used by any subdivision of the agency (service, bureau, division, command, etc.) that has access to the site the software is placed at, even if the subdivision did not participate in the acquisition of the software. Further, the software may be used on a sharing basis where multiple agencies have joint projects that can be satisfied by the use of the software placed at one agency's site. This would allow other agencies access to one agency's database. For Government public domain databases, user agencies and third parties may use the computer program to enter, retrieve, analyze and present data. The user agency will take appropriate action by instruction, agreement, or otherwise, to protect the Contractor's proprietary property with any third parties that are permitted access to the computer programs and documentation in connection with the user agency's permitted use of the computer programs and documentation. For purposes of this section, all such permitted third parties shall be deemed agents of the user agency.
 - (3) Except as is provided in paragraph 8.b(2) above, the Government 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 government who have the Government'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 Government to use software, documentation, or information therein, which the Government may already have or obtains without restrictions.
 - (4) The Government 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 Government has the right to transfer the software to another site if the Government site for which it is acquired is deemed to be unsafe for Government 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 Government 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.

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

The Pricelist reflects a discounted price for a right-to-copy license.



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

1. SCOPE

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

2. PERFORMANCE INCENTIVES

- a. When using a performance based statement of work, performance incentives may be agreed upon between TCS and the ordering office on individual fixed price orders or Blanket Purchase Agreements, for fixed price tasks, under this contract in accordance with this clause.
- b. The ordering office must establish a maximum performance incentive price for these services and/or total solutions on individual orders or Blanket Purchase Agreements.
- c. To the maximum extent practicable, ordering offices shall consider establishing incentives where performance is critical to the agency's mission and incentives are likely to motivate TCS. Incentives shall be based on objectively measurable tasks.
- d. The above procedures do not apply to Time and Material or labor hour orders.

3. ORDERING PROCEDURES FOR SERVICES (REQUIRING A STATEMENT OF WORK)

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

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

- (a) When ordering services, ordering offices shall—
 - (1) Prepare a Request (Request for Quote or other communication tool):
 - (i) A statement of work (a performance-based statement of work is preferred) that outlines, at a minimum, the work to be performed, location of work, period of performance, deliverable schedule, applicable standards, acceptance criteria, and any special requirements (i.e., security clearances, travel, special knowledge, etc.) should be prepared.
 - (ii) The request should include the statement of work and request the contractors to submit either a firm-fixed price or a ceiling price to provide the services outlined in the statement of work. A firm-fixed price order shall be requested, unless the ordering office makes a determination that it is not possible at the time of placing the order to estimate accurately the extent or duration of the work or to anticipate cost with any reasonable degree of confidence. When such a determination is made, a labor hour or time-and-



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

- (iii) The request may ask the contractors, if necessary or appropriate, to submit a project plan for performing the task, and information on the contractor's experience and/or past performance performing similar tasks.
- (iv) The request shall notify the contractors what basis will be used for selecting the contractor to receive the order. The notice shall include the basis for determining whether the contractors are technically qualified and provide an explanation regarding the intended use of any experience and/or past performance information in determining technical qualification of responses. If consideration will be limited to schedule contractors who are small business concerns as permitted by paragraph (2)(i) below, the request shall notify the contractors that will be the case.
- (2) Transmit the Request to Contractors:
 - (i) Based upon an initial evaluation of catalogs and price lists, the ordering office should identify the contractors that appear to offer the best value (considering the scope of services offered, pricing and other factors such as contractors' locations, as appropriate). When buying IT professional services under SIN 132—51 ONLY, the ordering office, at its discretion, may limit consideration to those schedule contractors that are small business concerns. This limitation is not applicable when buying supplies and/or services under other SINs as well as SIN 132-51. The limitation may only be used when at least three (3) small businesses that appear to offer services that will meet the agency's needs are available, if the order is estimated to exceed the micro-purchase threshold.
 - (ii) The request should be provided to three (3) contractors if the proposed order is estimated to exceed the micro-purchase threshold, but not exceed the maximum order threshold. For proposed orders exceeding the maximum order threshold, the request should be provided to additional contractors that offer services that will meet the agency's needs. Ordering offices should strive to minimize the contractors' costs associated with responding to requests for quotes for specific orders. Requests should be tailored to the minimum level necessary for adequate evaluation and selection for order placement. Oral presentations should be considered, when possible.
- (3) Evaluate Responses and Select the Contractor to Receive the Order:

 After responses have been evaluated against the factors identified in the request, the order should be placed with the schedule contractor that represents the best value. (See FAR 8.404)
- (b) The establishment of Federal Supply Schedule Blanket Purchase Agreements (BPAs) for recurring services is permitted when the procedures outlined herein are followed. All BPAs for services must define the services that may be ordered under the BPA, along with delivery or performance time frames, billing procedures, etc. The potential volume of orders under BPAs, regardless of the size of individual orders, may offer the ordering office the opportunity to secure volume discounts. When establishing BPAs, ordering offices shall—
 - (1) Inform contractors in the request (based on the agency's requirement) if a single BPA or multiple BPAs will be established, and indicate the basis that will be used for selecting the contractors to be awarded the BPAs.



- (i) SINGLE BPA: Generally, a single BPA should be established when the ordering office can define the tasks to be ordered under the BPA and establish a firm-fixed price or ceiling price for individual tasks or services to be ordered. When this occurs, authorized users may place the order directly under the established BPA when the need for service arises. The schedule contractor that represents the best value should be awarded the BPA. (See FAR 8.404)
- (ii) MULTIPLE BPAs: When the ordering office determines multiple BPAs are needed to meet its requirements, the ordering office should determine which contractors can meet any technical qualifications before establishing the BPAs. When multiple BPAs are established, the authorized users must follow the procedures in (a)(2)(ii) above and then place the order with the Schedule contractor that represents the best value.
- (2) Review BPAs Periodically: Such reviews shall be conducted at least annually. The purpose of the review is to determine whether the BPA still represents the best value. (See FAR 8.404)
- (c) The ordering office should give preference to small business concerns when two or more contractors can provide the services at the same firm-fixed price or ceiling price.
- (d) When the ordering office's requirement involves both products as well as executive, administrative and/or professional, services, the ordering office should total the prices for the products and the firm-fixed price for the services and select the contractor that represents the best value. (See FAR 8.404)

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

Ordering procedures for other services available on schedule at fixed prices for specifically defined services or tasks should. Orders placed pursuant to a Multiple Award Schedule (MAS), using the procedures in FAR 8.404, are considered to be issued pursuant to full and open competition. Therefore, when placing orders under Federal Supply Schedules, ordering offices need not seek further competition, synopsize the requirement, make a separate determination of fair and reasonable pricing, or consider small business set-asides in accordance with subpart 19.5. GSA has already determined the prices of items under schedule contracts to be fair and reasonable. By placing a order against a schedule using the procedures outlined below, the ordering office has concluded that the order represents the best value and results in the lowest overall cost alternative (considering price, special features, administrative costs, etc.) to meet the Government's needs. These procedures are listed in the pricelist, under "Information for Ordering Offices," paragraph #12.

4. ORDER

a. Agencies may use written orders, EDI orders, blanket purchase agreements, individual purchase orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.



b. All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

5. PERFORMANCE OF SERVICES

- a. TCS shall commence performance of services on the date agreed to by TCS and the ordering office.
- b. TCS agrees to render services only during normal working hours, unless otherwise agreed to by TCS and the ordering office.
- c. The Agency 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.

6. INSPECTION OF SERVICES

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

7. RESPONSIBILITIES OF TCS

TCS will 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 softare, then FAR 52.227-14 Rights in Data –General, may apply.

8. RESPONSIBILITIES OF THE GOVERNMENT

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

9. INDEPENDENT CONTRACTOR

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

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



An "Organizational conflict of interest" exists when the nature of the work to be performed under a proposed Government contract, without some restriction on activities by TCS and its affiliates, may either (i) result in an unfair competitive advantage to TCS or its affiliates or (ii) impair TCS 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 Government, ordering offices may place restrictions on TCS, 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

TCS, upon completion of the work ordered, shall submit invoices for IT services. Progress payments may be authorized by the ordering office 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 Government shall pay TCS, 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 (Alternate I (APR 1984)) at FAR 52.232-7 apply to time-and-materials orders placed under this contract. For labor-hour orders, the Payment under Time-and-Materials and Labor-Hour Contracts (FEB 1997) (Alternate II (JAN 1986)) at FAR 52.232-7 applies to labor-hour orders placed under this contract.

13. RESUMES

Resumes shall be provided to the GSA Contracting Officer or the user agency 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 agency in accordance with the guidelines set forth in the FAR.

15. APPROVAL OF SUBCONTRACTORS

The ordering activity may require that TCS 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

Commercial Job Title: Program Manager

Minimum/General Experience: Ten or more years of professional experience with at least two as the senior Information Technology ("IT") program manager of a major project. TCS Program Manager shall be totally responsible for management of the project, have delegated authority for staffing decisions and be authorized to commit the contractor without prior corporate approval.

Functional Responsibility: Plans, conducts, and supervises projects of major significance which necessitates advance knowledge and the ability to originate and apply new and unique methods and procedures. Supplies technical advice and counsel to other professionals. Operates with wide latitude for unreviewed action.

Minimum Education: Masters Degree in Business and/or Computer-Related Field. An additional three years of experience in the relevant area may be substituted for a Masters Degree.

Commercial Job Title: Project Manager I

Minimum/General Experience: Five or more years of progressive project direction and administration. Shall have proven experience in providing technical, marketing, customer relations, and personnel management direction of a major project or several smaller projects to ensure timely and cost effective accomplishment of contractual commitments. Must have demonstrated successful management of contracts.

Functional Responsibility: Manages the daily project activities, ensuring operational, contractual, and technical efficiencies as primary goals. Supplies advice and counsel to other professionals. Operates with wide latitude for unreviewed action but may require to report to a Project Manager II or Project Director.

Minimum Education: A minimum of a Bachelor's Degree in relevant area. An additional two years of experience in the relevant area may be substituted for a Bachelor's Degree.

Commercial Job Title: Project Manager II

Minimum/General Experience: Eight or more years of progressive project direction and administration. Shall have proven experience in providing overall technical, marketing, customer relations, and personnel management direction of a major project or several smaller projects to ensure timely and cost effective accomplishment of contractual commitments. Must have demonstrated successful management of information system contracts.

Functional Responsibility: Overseas and manages the daily project activities, ensuring operational, contractual, and technical efficiencies as primary goals. Supplies technical advice and counsel to other professionals. Operates with wide latitude for unreviewed action.

Minimum Education: A minimum of a Bachelor's Degree in relevant area. An additional three years of experience in the relevant area may be substituted for a Bachelor's Degree.

Commercial Job Title: Subject Matter Expert I



Minimum/General Experience: Experience and skill qualifications will be determined on a case-by-case basis depending on the expertise required. Intensive and progressive experience in the individual's field of study and specialization. Possesses unique skills and experience that may not directly be linked to a total number of years of experience.

Functional Responsibility: Provides expert consultative support to a functional technical area of the project. Develops solutions to complex problems. Works closely with the information technologists to identify the best technological solution to technical issues. Provides consulting to director and senior managers on information technology strategies. Develops, leads, and conducts quality workshops, benchmarking, and surveys. Facilitates process improvement efforts. Manages a project team

Minimum Education: A minimum of a Bachelor's Degree in relevant area. An additional three years of experience in the relevant area may be substituted for a Bachelor's Degree.

Commercial Job Title: Subject Matter Expert II

Minimum/General Experience: Experience and skill qualifications will be determined on a case-by-case basis depending on the expertise required. Recognized expert in the business area or field of endeavor being addressed. Possesses unique skills and experience that may not directly linked to a total number of years of experience. May require excellent verbal and/or written communication skills.

Functional Responsibility: Provides expert, independent services and leadership in specialized functional or technical areas on an as-needed basis. For example, provides expert advice and assistance in state-of-the-art hardware/software. Coordinates with contractor management and customer personnel at all levels to ensure that the problem is properly understood and defined, and that the solution will satisfy the client's requirements. Designs, organizes, leads, and conducts executive level workshops, benchmarking, and surveys. Prepares papers and documentation in support of customer requirements.

Minimum Education: A minimum of a Bachelor's Degree in relevant area. An additional five years of experience in the relevant area may be substituted for a Bachelor's Degree.

Commercial Job Title: LAN/WAN Engineer I

Minimum/General Experience: One year of technical experience installing, maintaining, and managing Local Area Networks (LANs) and Wide Area Networks (WANs).

Functional Responsibility: Supports, monitors, tests, and troubleshoots hardware and software problems pertaining to LAN/WAN. Recommends and schedules repairs. Provides end users support for all LAN/WAN- based applications. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision.

Minimum Education: Bachelor's degree or equal experience. An additional two years of experience in the relevant area may be substituted for a Bachelor's Degree.

Commercial Job Title: LAN/WAN Engineer II

Minimum/General Experience: Two years of technical experience installing, maintaining, and managing Local Area Networks (LANs) and Wide Area Networks (WANs).



Functional Responsibility: Responsible for acquisition, installation, maintenance, and usage of the LAN/WAN. Determines best products to meet needs and present results. Manages LAN/WAN performance and maintains system security. Installs network hardware and software. Evaluates, develops, and maintains telecommunications systems. Troubleshoots system problems. Establishes and implements policies, procedures, and standards, and ensures their conformance to information systems objectives. Trains users on system operation. May perform network planning and engineering functions. May be responsible for both local and remote administration of networks.

Minimum Education: Bachelor's degree in computer science or a related field, or equal experience. An additional three years of experience in the relevant area may be substituted for a Bachelor's Degree.

Commercial Job Title: LAN/WAN Engineer III

Minimum/General Experience: Three years of technical experience installing, maintaining, and managing Local Area Networks (LANs)/Wide Area Networks (WANs). May hold a current certification in LAN/WAN administration or engineering appropriate to the network environment being supported (e.g., Microsoft Certified System Engineer (MCSE)).

Functional Responsibility: Guides users in formulating requirements, advises alternative approaches, conducts feasibility studies. May also plan, implement, and support IT security issues. Must have technical experience, which applies to systems analysis and design techniques for complex computer systems. Requires competence in all phases of systems analysis techniques, concepts and methods; also requires knowledge of available hardware, system software, input/output devices, structure and management practices.

Minimum Education: Bachelor's degree in computer science or a related field, or equal experience. An additional four years of experience in the relevant area may be substituted for a Bachelor's Degree.

Commercial Job Title: Section 508 Training Specialist I

Minimum/General Experience: Three years of technical training experience, including one to two years of information systems training experience. Competent to work at a high level for all phases of assistive devices training.

Functional Responsibility: Working under general direction prepares and conducts complex training and education programs for assistive technology users. May design and develop in-house programs. Maintains records of training activities, employee progress, and program effectiveness.

Minimum Education: Bachelor's degree or equal experience. An additional two years of experience in the area of Section 508 may be substituted for a Bachelor's Degree.

Commercial Job Title: Section 508 Training Specialist II

Minimum/General Experience: Six years of technical training experience, including three years of information systems training experience. Works at a high level for all phases of information systems training.

Functional Responsibility: Directs, supervises and conducts complex training and education programs for information systems or user personnel. Designs and develops in-house programs. Maintains records of training activities, employee progress, and program effectiveness.



Minimum Education: Bachelor's degree or equal experience. An additional four years of experience in the area of Section 508 may be substituted for a Bachelor's Degree.

Commercial Job Title: Training Specialist I

Minimum/General Experience: One to three years of technical training experience. Competent to work at a high level for all phases of information systems training, including assistive technology. Familiar with standard concepts, practices, and procedures within a particular field.

Functional Responsibility: Working under general direction, prepares and conducts complex training and education programs for assistive technology users. May design and develop in-house programs. Maintains records of training activities, employee progress, and program effectiveness. Determines training objectives. Writes training programs, including outline, text, handouts, and tests, and designs laboratory exercises. Lectures class on safety, installation, programming, maintenance, and repair of machinery and equipment, following outline, handouts and texts. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a manager.

Minimum Education: Bachelor's degree or equal experience. An additional year of experience in the relevant field may be substituted for a Bachelor's Degree.

Commercial Job Title: Training Specialist II

Minimum/General Experience: Four years of technical training experience. Works at a high level for all phases of information systems training, including assistive technology. Familiar with a variety of the field's concepts, practices, and procedures.

Functional Responsibility: Directs, supervises and conducts complex training and education programs for information systems or user personnel. Designs and develops in-house programs. Maintains records of training activities, employee progress, and program effectiveness. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. May report directly to an executive or head of a unit/department.

Minimum Education: Bachelor's degree or equal experience. An additional two years of experience in the relevant field may be substituted for a Bachelor's Degree.

Commercial Job Title: PC Maintenance Technician I

Minimum/General Experience: Zero to two years of experience in maintaining and upgrading personal computers at the board or component level. Maintains, analyzes, troubleshoots, and repairs computer systems, hardware and computer peripherals. Documents, maintains, upgrades or replaces hardware and software systems.

Functional Responsibility: Performs preventive maintenance, troubleshooting, and repair of computer systems and peripheral equipment. Responsible for maintaining an adequate spare parts inventory. May maintain network hardware. Supports and maintains user account information including rights, security and systems groups. May configure Commercial Off-the-Shelf (COTS) software to operate on specific hardware.

Minimum Education: Associate's degree in related field. An additional year of experience in the relevant field may be substituted for an Associate's Degree.



Commercial Job Title: PC Maintenance Technician II

Minimum/General Experience: Two to four years of experience in maintaining and upgrading personal computers at the board or component level. Maintains, analyzes, troubleshoots, and repairs computer systems, hardware and computer peripherals. Documents, maintains, upgrades or replaces hardware and software systems.

Functional Responsibility: Performs preventive maintenance, troubleshooting, and repair of computer systems and peripheral equipment. Responsible for maintaining an adequate spare parts inventory. May maintain network hardware. Supports and maintains user account information including rights, security and systems groups. Works under general supervision; typically reports to a project leader or manager. A certain degree of creativity and latitude is required.

Minimum Education: Associate's degree in related field. An additional two years of experience in the relevant field may be substituted for an Associate's Degree.

Commercial Job Title: PC Maintenance Technician III

Minimum/General Experience: At least four years of experience in maintaining and upgrading personal computers at the board or component level. Maintains, analyzes, troubleshoots, and repairs computer systems, hardware and computer peripherals. Documents, maintains, upgrades or replaces hardware and software systems.

Functional Responsibility: Performs preventive maintenance, troubleshooting, and repair of computer systems and peripheral equipment. Responsible for maintaining an adequate spare parts inventory. May maintain network hardware. May configure Commercial Off-the-Shelf (COTS) software to operate on specific hardware. Supports and maintains user account information including rights, security and systems groups. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. Typically reports to a project leader or manager. A wide degree of creativity and latitude is expected.

Minimum Education: Associate's degree in related field. An additional two years of experience in the relevant field may be substituted for an Associate's Degree.

Commercial Job Title: Help Desk Support I

Minimum/General Experience: One year of experience in the field or in a related area.

Functional Responsibility: Under immediate supervision, responds to and diagnoses problems through discussions with users. Conducts problem recognition, research, isolation, resolution, and follow-up steps. Resolves less complex problems immediately and assigns more complex problems to second-level support, senior operator, or supervisor. Assures timely close-out of trouble tickets and escalates additional support as needed.

Minimum Education: Associate's degree in related field. An additional year of experience in the relevant field may be substituted for an Associate's Degree.

Commercial Job Title: Help Desk Support II

Minimum/General Experience: One to three years of experience in the field or in a related area.



Functional Responsibility: Provides support to end users on a variety of issues. Identifies, researches, and resolves technical problems. Responds to telephone calls, email and personnel requests for technical support. Tracks and monitors the problem to insure a timely resolution. Has knowledge of commonly-used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Typically reports to a supervisor or manager.

Minimum Education: Associate's degree in related field. An additional two years of experience in the relevant field may be substituted for an Associate's Degree.

Commercial Job Title: Help Desk Support III

Minimum/General Experience: Three to five years of experience in the field or in a related area.

Functional Responsibility: Provides support to end users on a variety of issues. Identifies, researches, and resolves technical problems. Responds to telephone calls, email and personnel requests for technical support. Tracks and monitors the problem to insure a timely resolution. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. Typically reports to a supervisor or manager. A wide degree of creativity and latitude is expected.

Minimum Education: Associate's degree in related field. An additional three years of experience in the relevant field may be substituted for an Associate's Degree.

Commercial Job Title: Hardware/Software Specialist I

Minimum/General Experience: One to three years of professional experience with at least two in hardware and software identification, storage, and backup processes and procedures at entry level. Confers with client staff and management to help determine specific goals and objectives. Prepares and presents findings to other professionals, and management in other Government agencies.

Functional Responsibility: Plans and supports the hardware and software goals and objectives of any Government agency. Plans and designs hardware and software configurations. Supplies technical advice and counsel to other professionals or other Government agency management, as required. Work is performed under supervision of a senior or project leader. Carries out assignments associated with projects and translates guidance receive from leader into usable data applicable to the particular assignment. Work assignments are varied and require some originality and ingenuity.

Minimum Education: Bachelor's Degree in Computer Science or other technology-related field. An additional year of experience in the relevant field may be substituted for a Bachelor's Degree.

Commercial Job Title: Hardware/Software Specialist II

Minimum/General Experience: Three to five or more years of professional experience with at least two in hardware and software identification, storage, and backup processes and procedures at intermediate level. Confers with client staff and management to help determine specific goals and objectives. Prepares and presents findings to other professionals, and management in other Government agencies.

Functional Responsibility: Plans and supports the hardware and software goals and objectives of any Government agency. Plans and designs hardware and software configurations. Supplies technical advice and counsel to other professionals or other Government agency management, as required. Acts



independently or under general direction. Plans and conducts projects in the intermediate to difficult range, which requires substantial relate knowledge.

Minimum Education: Bachelor's Degree in Computer Science or other technology-related field. An additional two years of experience in the relevant field may be substituted for a Bachelor's Degree.

Commercial Job Title: Hardware/Software Specialist III

Minimum/General Experience: Five or more years of professional experience with at least two in hardware and software identification, storage, and backup processes and procedures at expert level. Confers with client staff and management to help determine specific goals and objectives. Prepares and presents findings to other professionals, and management in other Government agencies.

Functional Responsibility: Plans and supports the hardware and software goals and objectives of any Government agency. Plans and designs hardware and software configurations. Supplies technical advice and counsel to other professionals or other Government agency management, as required. Operates with a wide latitude of unreviewed action. Plans, conducts and supervises projects of major significance which need advanced related knowledge.

Minimum Education: Bachelor's Degree in Computer Science or other technology-related field. An additional three years of experience in the relevant field may be substituted for a Bachelor's Degree.

Commercial Job Title: Programmer Analyst I

Minimum/General Experience: Might require 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a project leader or manager. A certain degree of creativity and latitude is required.

Functional Responsibility: Reviews, analyzes, and modifies programming systems including encoding, testing, debugging and documenting programs. Supports client computer application design and performance objectives.

Minimum Education: May require an associate's degree in a related area. An additional year of experience in the relevant field may be substituted for an Associate's Degree.

Commercial Job Title: Programmer Analyst II

Minimum/General Experience: Might require at least 5 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. May report directly to a project lead or manager. A wide degree of creativity and latitude is expected.

Functional Responsibility: Reviews, analyzes, and modifies programming systems including encoding, testing, debugging and documenting programs.

Minimum Education: May require a bachelor's degree. An additional two years of experience in the relevant field may be substituted for a Bachelor's Degree.



Commercial Job Title: Wiring & Cable Technician

Minimum/General Experience: Two years of experience in the installation, monitoring, and repair of computer cabling and wiring. Experienced with a variety of cable types, connectors, and uses. Working knowledge of network communications hardware.

Functional Responsibility: Plans, monitors, and tests the installation of cable. Tests all newly installed cable to ensure proper functioning. Maintains current, accurate diagrams of the network cable plant. Troubleshoots cable problems. Makes custom patch cables to replace unusable cable and for special requirements. Maintains compliance with all applicable building and fire code regulations.

Minimum Education: High school diploma and technical training in electronics or a related field. An additional year of experience in the relevant field may be substituted for a high school diploma or electronics certificate.

Commercial Job Title: Administrative Support Specialist

Minimum/General Experience: Two years of experience in administrative support and analysis. Provides support in the areas of analysis of systems discrepancies, technical meetings, requirements collection and analysis, image processing, Email support and analysis, document maintenance and production. Has broad range of administrative support functions knowledge. Will interface with client staff and management and has ability to make recommendations and presentations to other staff and client management. Confers with other client staff and management to determine specific goals and objectives.

Functional Responsibility: Supports client IT administrative areas and has the ability to analyze IT functional areas and put findings in report or presentation formats.

Minimum Education: Equivalent of Associate Degree in Business with strong administrative skills. An additional year of experience in the relevant field may be substituted for an Associate's Degree.

Commercial Job Title: Telecommunications Technician

Minimum/General Experience: Two years of experience in maintaining telecommunications and data communications equipment.

Functional Responsibility: Working under general direction, maintains telecommunications and data communications equipment such as routers, bridges, gateways, and hubs. Reads and interprets circuit diagrams and electrical schematics. Acts as liaison for vendors during installation, rearrangement, and/or removal of equipment. Works with personnel at remote locations to identify system/network problems at those locations. May provide guidance to other technicians.

Minimum Education: High school diploma, plus technical training in telecommunications and data communications devices and systems. An additional year of experience in the relevant field may be substituted for a high school diploma.



USA COMMITMENT TO PROMOTE SMALL BUSINESS PARTICIPATION PROCUREMENT PROGRAMS

PREAMBLE

TCS provides commercial products and services to the Federal Government. 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 Federal Government contracts. To accelerate potential opportunities please contact Jessica Moseley, Director of Business Operations; Voice: (301) 942-9766; Fax: (301) 942-9110; E-mail: Jessica@tcsassociates.com



BEST VALUE BLANKET PURCHASE AGREEMENT FEDERAL SUPPLY SCHEDULE

(Insert Customer Name)

Agency	Date	Contractor	Date
Signatures			
repetitive, individual pur		ork, and save time by eliminating the ontract. The end result is to create a d costs less.	
sources; the development	t of technical documents, so ted with Federal Supply Sc	ontracting and open market costs sublicitations and the evaluation of of hedule Contractors in accordance w	fers. Teaming
cooperative agreement to		Act (Agency) and (Contractor) error trative costs of acquiring commercially Schedule Contract(s)	
(,		



BPA NUMBER	

(CUSTOMER NAME)

		Blanket Purcha	se Agreement		
Agree	ements, tl	SA Federal Supply Schedule Contract Number Contractor agrees to the following tental (Ordering Agency):	nmber(s), Blanket Purchase ns of a Blanket Purchase Agreement (BPA)		
(1)	The following contract items can be ordered under this BPA. All orders placed against this are subject to the terms and conditions of the contract, except as noted below:				
	MOD	DEL NUMBER/PART NUMBER	*SPECIAL BPA DISCOUNT/PRICE		
(2)	Deliv	ery:			
	DEST	ΓΙΝΑΤΙΟΝ	DELIVERY SCHEDULES / DATES		
(3)		Government estimates, but does not guarament will be	antee, that the volume of purchases through this		
(4)	This l	BPA does not obligate any funds.			
(5)	This learlie		at the end of the contract period, whichever is		
(6)	The f	following office(s) is hereby authorized to	p place orders under this BPA:		
	OFFI	CE	POINT OF CONTACT		
			potronio Dota Interchanga (EDI) EAV or nanar		
(7)	Order	rs will be placed against this BPA via Ele	ectronic Data Interchange (EDI), FAX, or paper.		
(8)		ss otherwise agreed to, all deliveries unde es slips that must contain the following i	er this BPA must be accompanied by delivery tickets information as a minimum:		
	(a)	Name of Contractor;			
	(b)	Contract Number;			
	(c)	BPA Number;			
	(d)	Model Number or National Stock Nu	mber (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 customer agency 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.



GSA PRICELIST GS35F-0512L

Special Item Number 132-8 Purchase of Equipment Special Physical, Visual, Speech, and Hearing Aid Equipment

Mfr	Mfr. Part #	Description	GSA Price
Enabling Technologies	70ТВ0000	The Thomas Braille Embosser is named in honor of the late William A. Thomas, former board chairman of Enabling Technologies, 40-character-per-second "Tommy" makes fast, top quality, single-sided Braille inside a noise-muffling desktop case. Thomas' standard features include: - Regular (12.5 dots per inch) and high-resolution (17 DPI) graphics - Dynamic Braille Scaling for different Braille sizes (even within a document) - 6 or 8-dot Braille - Multi-Copy up to 99 copies of a document	\$3,599.00
Enabling Technologies	70ТВ0ОРТ	Thomas also comes with the ET Speaks and the Single Sheet Tractor options, which lets you emboss up to 22 lines on 11 inch non tractor paper (such as letterhead or other special media) by hand-feeding one sheet at a time through the embosser	\$3,899.00
Enabling Technologies	ROMEO-A	The Romeo Attaché makes legendary Romeo Braille quality more transportable than ever. Romeo Attaché weighs only 16 pounds and is perfect for on-the-go teachers and students. Or add your favorite notetaker and create a practical, space-saving home office with Braille capability.	\$2,049.00
Enabling Technologies	ROMEO-A PRO	The Romeo Attaché Pro has all the features as the Romeo Attaché. However, Romeo Attaché Pro also comes with our Single Sheet Tractors and ET Speaks, our innovative speech system, as standard equipment. Romeo Attaché Pro weighs only 16 pounds and is perfect for on-the-go teachers and students. Or add your favorite notetaker and create a practical, space-saving home office with Braille capability.	\$2,249.00
Enabling Technologies	70RB0025	The Romeo 25 is the tough, transportable single-sided embosser with a singular reputation for outstanding Braille quality, rugged durability and unmatched value. Ideal for student, personal or home office use, 25-character-per-second Romeo 25 also has many of the popular features of our larger embossers.	\$2,549.00
Enabling Technologies	70RB0050	The Romeo Pro 50 is a rugged single-sided embosser built on Romeo 25's heritage of outstanding Braille quality and durability, but there's more than ever inside the transportable, convenient case. At 50 characters per second, Romeo Pro 50 is twice the speed of Romeo 25 and comes loaded with all the standard features of the larger embossers, making Romeo Pro 50 the best single-sided value ever.	\$3,049.00
Enabling Technologies	70JBDLXW	Juliet Classic's top quality Braille on both sides of a page up to 56 characters wide and speed of up to 55 characters a second have made her our all-time best seller. She remains our very best value in wide-line interpoint. Juliet Classic's standard features include: Regular (12.5 dots per inch) and high-resolution (17 DPI) graphics, Dynamic Braille Scaling for different Braille sizes (even within a document), 6 or 8-dot Braille, Multi-Copy up to 99 copies of a document.	\$4,095.00



Mfr	Mfr. Part #	Description	GSA Price
Enabling Technologies	70JB0000	Juliet Pro has all of Juliet Classic's best featuresthe extra-wide 56-character embossing line Brailles two sides at once at up to 55 characters per second. However, Juliet Pro also comes with the Single Sheet Tractors and ET Speaks, the innovative speech system, as standard equipment. These two additional features make your Juliet Pro adapt to an even larger range of applications.	\$4,599.00
Enabling Technologies	70JBDLXN	Juliet Pro 60 has ET's 40-character-wide embossing line and 60-character-per- second speed. It also includes two other standard features: Single Sheet Tractors and ET Speaks, our innovative speech system	\$4,594.00
Enabling Technologies	70BM8TO1	Built in a durable, transportable case, interpoint BookMaker has a huge 400-page memory for your largest jobs and embosses at 80 characters per second. In production, we estimate that a BookMaker , used for five hours a day can produce around a quarter-million pages in a year.	\$9,999.00
Enabling Technologies	70BET100	Built in a durable, transportable case, interpoint Braille Express 100 has a huge 400-page memory for your largest jobs and embosses at 100 characters per second. In production, we estimate that a Braille Express 100 , used for five hours a day can produce over 350,000 pages in a year.	\$12,135.00
Enabling Technologies	70BET150	Built in a durable, transportable case, interpoint Braille Express 150 has a huge 400-page memory for your largest jobs and embosses at 150 characters per second. In production, we estimate that a Braille Express 150 , used for five hours a day, can produce about a half-million pages in a year	\$17,145.00
Enabling Technologies	70MA1000	Ideal for proofreading books in production and other high-speed applications, Marathon produces an entire single-sided page of crisp, perfect Braille every five seconds. That's 200 characters per second, the highest Braille production capacity anywhere in the world at the price. Yet Marathon weighs just 75 pounds and fits neatly in its built in aluminum case, so it can be transported safely.	
Enabling Technologies	70PD0030	The PED-30 revolutionized volume Braille production by making it possible to create zinc master plates from computers. Plates from the PED-30 go onto a specially modified commercial printing press, which stamps the dots into the paper. Today, plates from the PED-30 regularly produce millions of pages of Braille worldwide, including every sheet of Braille produced for the Library of Congress' huge stock of Braille books and periodicals.	
Enabling Technologies	70BR0000	BraillePlace , the new interpoint embosser with speeds of nearly 300 characters per second and a 45-character line, is serious productivity for serious Braille publishing. BraillePlace connects to any computer through its parallel or serial ports, uses the same keypad controls as all our other embossers, and includes ET Speaks to vocalize controls and do other audio tasks.	
Enabling Technologies	70PB0001	PrestoBraille, our industrial-strength signmaker powered by compressed air, stamps Braille in the shortest form possible (often only one word, in fact) through thick, pliable materials with perfect consistency for thousands of impressions. Your message can be up to 30 characters long in the standard Library of Congress template and up to 24 characters long in the optional California ADA template. Press a single button, and PrestoBraille stamps crisp, perfect Braille with a full ton of pressure, time after time	\$3,789.00



Mfr	Mfr. Part #	Description	GSA Price
		The 4-pound KGS Braille Labeler makes transparent single-line labels on strips	
For a la line a		7, 15 or 25 Braille characters wide. Even with no Braille experience at all, in	
Enabling	KGSB	minutes you can label almost anythinghotel keys, signs, simple maps,	\$1,009.00
Technologies		cassettes, CD cases, vending machines, telephones and morein durable, top	
		quality Braille.	
		Gemini Print and Braille Embosser from Nippon Telesoft produces print with	
		Braille in one simultaneous pass, fulfilling a long-time dream of Braille	
Enabling	0005	producers everywhere. That's not all that's special about Gemini . The next thing	444 400 00
Technologies	GPBE	you may notice about Gemini might be what it <i>doesn't</i> do— make much noise!	\$11,129.00
J		Gemini is so extraordinarily quiet you won't need to exile it to a closet or a	
		sound-muffling cabinet	
		The Braille Sense OnHand is the sleekest and lightest 18-cell Braille notetaker	
		on the market today. But don't let its diminutive size fool you. It's packed with	
HIMS Inc.	H318B	advanced hardware like an integrated digital compass and a built-in GPS	\$4,495.50
		receiver. The OnHand also includes robust software designed with your	ψ 1, 155.55
		productivity and independence in mind.	
		The USB LCD Display for the Braille Sense OnHand is an optional USB LCD	
		display that allows print users to view the same information shown on the	
HIMS Inc.	LCDOH	Braille display. This feature can be extremely useful for teachers working with	\$96.03
		blind students or for communicating with individuals who are deaf and blind.	
		Sense Navigation is a program which uses the Sendero GPS SDK . This program	
		uses map data together with a GPS receiver, and gives information based on the	
		map data. With millions of points of interest, you can find anything from	
HIMS Inc.	SNAV11	restaurants, to hotels, to hospitals. You can even add your own custom points	\$1,438.20
THIVIS IIIC.	SIVAVII	of interest (POIs) such as your home, your work, or a friend's home. Creating	71,430.20
		vehicle or pedestrian routes is easy and you can even share them with other	
		users using a Sendero-based GPS system.	
		The Voice Sense is the smallest, lightest and most fashionable PDA for the	
		visually impaired with a Perkins style keyboard for inputting information and	
		synthesized voice for outputting information.	
HIMS Inc.	V400	synthesized voice for outputting information.	\$2,250.60
THIVIS HIC.	V400	It has multimedia functions: a Daisy talking book player, an MP3 player and	\$2,230.00
		voice recording capabilities. Wireless networking features (such as wireless LAN	
		and Bluetooth) are also available, as are many other Braille notetaker features.	
		The Voice Sense QWERTY is the smallest, lightest and most fashionable PDA for	
		the visually impaired with a Perkins style keyboard for inputting information	
		and synthesized voice for outputting information. It has a computer style	
HIMS Inc.	V400Q	keyboard.	\$2,250.60
		It has multimodia functions a Daisy talking hook player on MAD2 player and	
		It has multimedia functions: a Daisy talking book player, an MP3 player and	
		voice recording capabilities. Wireless networking features (such as wireless LAN	
		and Bluetooth) are also available, as are many other Braille notetaker features.	
LUNAC	112222	The Braille Sense Plus is the first notetaker to offer notetaking and	¢= 04= 00
HIMS Inc.	H332B	entertainment in a single package. Perform all these functions from one	\$5,915.00
		powerful device: notetaker, word processor, email, web browser, MP3 player,	



Mfr	Mfr. Part #	Description	GSA Price	
		and digital audio recorder. The Braille Sense comes with a custom carrying case,		
		AC adapter, and more.		
		The Braille Sense Plus QWERTY is the first notetaker with a computer style		
		keyboard to offer notetaking and entertainment in a single package. Perform all		
HIMS Inc.	8120-059QT	these functions from one powerful device: notetaker, word processor, email,	\$5,915.00	
		web browser, MP3 player, and digital audio recorder. The Braille Sense comes		
		with a custom carrying case, AC adapter, and more.		
		The SyncBraille is one of the smallest, lightest, and most affordable, portable		
HIMS Inc.	B20N	Braille displays in the world. Use it as a portable Braille display with the Voice	\$1,919.00	
		Sense or your favorite screen reading software, Window-Eyes.		
		The SenseView Light is one of the smallest portable CCTVs available on the		
		market, allowing you to easily carry it with you wherever you go. The Portable		
		SenseView Light uses a new technology never before used in portable CCTVs.		
		While the screen of the Portable SenseView Light is a 3.4" flat screen, it does		
		not use an LCD screen. Instead, it uses the new Organic Light Emitting Diode		
HIMS Inc.	P350	(OLED) technology for the screen. This means that the screen is brighter with	\$574.75	
		true black, and unsurpassed color. It also means that it has an unlimited viewing		
		angle, so you can look at the screen on the Portable SenseView Light from any		
		direction, and be able to easily see what is on the screen. This is one of the		
		biggest advancements in portable CCTV technology history.		
		The SenseView Portable is the world's smallest portable CCTV, and is packed		
		with features. The Portable SenseView has a 4.3" widescreen LCD display, and		
		weighs a mere 7.8 ounces. The powerful magnification of the Portable		
	P430	SenseView is unmatched by any handheld portable CCTV; allowing even very	4	
HIMS Inc.		low vision consumers to use the Portable SenseView. While other handheld	\$805.00	
		portable CCTVs are limited to a maximum of 7x magnification, the Portable		
		SenseView can digitally zoom in and out on an image with the simple press of a		
		button from 4x all the way up to 22.5x.		
		The SenseView Duo combines a distance camera and a close-up & handwriting		
		camera in one device. You don't have to carry many kinds of portable		
HIMS Inc.	M430	magnifiers for specific purposes. Use the SenseView Duo at home, school, while	\$975.00	
		shopping, or out on the town.		
		The BookSense is the new portable digital audio book player that allows people		
		to access information for education, information, and entertainment. Students		
		can access school textbooks, people in the workplace can stay current with		
HIMS Inc.	T50	journals or business magazines, and anyone can enjoy newspapers, favorite	\$348.23	
		novels, a bestseller, and even their favorite music. The BookSense comes with a		
		2GB SD card for storing your DAISY books, music and other digital content.		
		The BookSense DS is the first and only book player to have a display, and not		
		just any type of display, an OLED display. It has the ability to play books from		
		NLS, material from the Recording for the Blind and Dyslexic (RFB&D), MP3s,		
HIMS Inc.	S50	music from iTunes (MP4), Word 2003 and 2007 document, accessible DAISY	\$458.10	
THIVIS IIIC.	330	textbooks, and more. The BookSense DS also boasts 4 GB of built-in memory,	Ÿ + J0.10	
		along with an SD card slot that accepts high-capacity memory cards for		
		maximum storage of books and music. The built-in accessible FM radio can		
		Thianinani storage of books and music. The built-in accessible Fix faulo Call	<u> </u>	



Mfr	Mfr. Part #	Description	
		even receive reception from radio stations without the need for headphones.	
HIMS Inc.	T50XT	also includes an FM radio, 4GB of internal storage and Bluetooth audio. The BookSense XT comes with a 8GB SD card for storing your DAISY books, music	
HIMS Inc.	7200-327	and other digital content. BookSense Battery Pak	\$75.00
HIMS Inc.	7200-328	BookSense Case	\$44.00
NexTalk, Inc.	PIKA-4	Analog Voice Card with 4 ports	
NexTalk, Inc.	PIKA-24	T1/PRI Voice Card with 24 ports	
Vision Cue	8120-061	A-24 T1/PRI Voice Card with 24 ports Setting the standard in Braille communication, the ALVA Braille Controller 640 with Feature Pack is the first wireless display that combines classic Braille access, audio, note taking, and comprehensive keyboarding from a single device. Ultra-slim and stylish in design, the ALVA BC640 with Feature Pack is ideally suited for professionals and students, in the office, at home, or on-the-	



Special Item Number 132-33 Perpetual Software Licenses Special Physical, Visual, Speech, and Hearing Aid Software

Mfr	Mfr. Part #	Description	GSA Price	Warranty (Days)
Ai Squared, Inc.	ZoomText- MAG	ZoomText Magnifier delivers the absolute best in screen magnification clear images, smooth navigation, ease of use and the highest level of compatibility. With magnification up to 16x, ZoomText enlarges and enhances everything on the screen, making all your applications easy to see and use.	\$400.00	30
Ai Squared, Inc.	ZoomText- MAGSR	ZoomText Magnifier/ScreenReader gives you all the features of ZoomText Magnifier, plus screen reading that's powerful and easy to use. ZoomText Magnifier/ScreenReader echoes typing, reads information pointed to by the mouse, and speaks program events as they occur. Flexible verbosity settings give you complete control over the amount of information spoken by ZoomText.	\$600.00	30
Ai Squared, Inc.	ZoomText- MAGSR-USB	Computers have become ever-present in our lives, and so has our need to access and use computers everywhere we go at home, at school, at work, even in libraries and other public facilities. To make ZoomText readily available to individuals that need it, Ai Squared has introduced "ZoomText USB" – ZoomText on a USB flash drive that users can conveniently carry with them and use at any time.	\$765.00	30
Duxbury Systems, Inc.	DBT-WIN	Duxbury Braille Translator for Windows - The standard for the highest quality Windows Braille translation software. Combines all the benefits of Windows with the features previously listed and more. System Requirements: 25 Mb available hard drive space; Microsoft Windows version 95, 98, NT, 2000, or XP	\$579.00	30
Duxbury Systems, Inc.	MegaDots	MegaDots is a mature DOS Braille translator with powerful features for the volume transcriber and producer. Its straightforward, style-based system and automated features let you create great Braille with only a few keystrokes. Yet it is sophisticated enough to please the fussiest Braille producers you can control each step MegaDots follows to format, translate and produce Braille documents. The new version, incorporating a year	\$579.00	30



Mfr	Mfr. Part #	Description	GSA Price	Warranty (Days)	
		and a half of improvements, is now delivered on CD-ROM instead of a stack of floppy disks.			
Duxbury Systems, Inc.	Salsa	Salsa is a program to turn your Braille lessons into interactive Braille lessons for Speech Assisted Learning (SAL). Salsa reads Braille files created by many popular Braille translators and editors, including our own DBT and MegaDots programs, as well as other programs such as Braille 2000, PokaDot, and others. To create lessons for SAL, just create the Braille using whatever method you choose, read the Braille into Salsa.	\$675.00	30	
GW Micro, Inc.	8210-069	Window-Eyes Professional screen reader provides full access to Windows and related applications. It runs on nearly all Windows operating systems, including windows 200, XP Home, XP Pro, and Server 2003. It provides support for internet Explorer, common email programs, and Microsoft Office. It also supports Adobe PDFs, Macromedia Flash, Citrix Metaframe XP, Microsoft Terminal Services, and Remote Desktop	\$825.00	30	
		Window-Eyes and Software Maintenance Agreement together in one package. Window-Eyes is nothing less than the most stable screen reader available on the market today. Featuring Windows 2000, XP, and 2003 compatibility, Window-Eyes puts you in the hands of the most powerful screen reading software ever created.			
		Software Maintenance Agreement (SMA) is an agreement for 3 future major upgrades. Anyone purchasing the Window-Eyes SMA must own the current version that is available or purchase the			
GW Micro	8210-080	necessary upgrades. By purchasing a Site License for Window-Eyes you may receive one CD and yet install and use it on many computers by many simultaneous users. A site license is intended to be used in one physical location with the limit being one physical campus	\$1,068.00	GW Micro	
GW Micro	8210-069-S	location with the limit being one physical campus. For example, a college campus may purchase a site license. However, if there is a satellite campus on the opposite side of the city, a second copy or	\$2,416.50	GW Micro	



Mfr	Mfr. Part #	Description	GSA Price	Warranty (Days)
		site license must be purchased. The most typical		
		application of a site license is a computer lab. GW		
		Micro sells site licenses in increments of 5 so you		
		may purchase a 5-user, 10-user, 15-user etc. site		
		license. If you have 8-users of Window-Eyes then		
	<u> </u>	you should purchase a 10-user site license.		
		An Agency License is similar in some ways to a site license. The difference is that the locations may all		
		be different but there must be one purchasing		
		entity. An example of this would be a cooperative		
		school system, where 4 counties work together to		
		provide an itinerant teacher for students in		
		various locations. One purchasing entity buys the		
		copies of Window-Eyes but they are installed in		
		several locations. The minimum initial purchase		
		must be for 5 copies, but afterward single copies		
		may be purchased.		
		Window-Eyes gives total control over what you		
		hear and how you hear it. Plus, with its enhanced		
		Braille support that control is extended to what		
		you feel as well. On top of all that, the power and		
		stability of Window-Eyes means that most		
		applications work right out of the box with no		
		need for endless tinkering in order to get them to		
		function properly.		
GW Micro	8210-069-A	MINIMUM OF 5	\$717.25	GW Micro
		A Wide Area Network License (or WAN License)		
		supports up to 5 users. Additional user licenses		
		may be added for \$745.00 per user. This license		
		method allows a company to have one serial number and multiple users in various remote		
	8210-069-	locations (ideal for a Citrix/Terminal Services		
GW Micro	WAN	environment).	\$3,361.50	GW Micro
311 1111010	***************************************	Window-Eyes SMA (Software Maintenance	\$3,301.30	344 1411010
		Agreement) The SMA is advance payment for 3		
		future major upgrades. Window-Eyes must be at		
		the current version or upgraded to the current		
		version when purchasing an SMA. Postal shipping		
		is included in the price of the SMA. SMA		
		customer's upgrades are shipped before other		
GW Micro	9100-012	retail customers. It is the SMA owner's	\$278.10	GW Micro



Mfr	Mfr. Part #	Description	GSA Price	Warranty (Days)	
		responsibility to keep GW Micro informed of their current address. Additional shipping charges may be incurred if it is necessary for GW Micro to ship			
		the upgrades more than once due to an incorrect address.			
		Window-Eyes 5 User SMA (Software Maintenance Agreement) The SMA is advance payment for 3 future major upgrades. Window-Eyes must be at the current version or upgraded to the current version when purchasing an SMA. Postal shipping is included in the price of the SMA. SMA customer's upgrades are shipped before other retail customers. It is the SMA owner's responsibility to keep GW Micro informed of their			
		current address. Additional shipping charges may be incurred if it is necessary for GW Micro to ship the upgrades more than once due to an incorrect			
GW Micro	9100-012-5	address.	\$843.51	GW Micro	
GW Micro	9100-011	Window Eyes Upgrade from 6x to 7.1 (Single User)	\$175.75	GW Micro	
		Window Eyes Upgrade from 5.5 to 7.1 (Single			
GW Micro	9100-011	User)	\$318.25	GW Micro	
GW Micro	9100-011	Window Eyes Upgrade from 6x to 7.1 (5 User)	\$508.25	GW Micro	
GW Micro	9100-011	Window Eyes Upgrade from 5.5 to 7.1 (5 User)	\$935.75	GW Micro	
NexTalk	NTSLIC-CNV	NexTalk Client user licenses without video capability	1 – 25 users \$165.00 26 – 50 users \$150.00 51 – 100 users \$135.00 101 – 250 users \$120.00 251 & above contact vendor	1 Year	
NexTalk	NTSLIC-CV	NexTalk Client user licenses with video capability	1 – 25 users \$215.00 26 – 50 users \$200.00 51 – 100 users \$185.00 101 – 250 users \$170.00 251 & above contact vendor	1 Year	
NexTalk	NTSLIC- SLNV-PRI	NexTalk Server License (no video capability) Server license for the NexTalk primary server using ISDN	\$5,995.00	1 Year	
NexTalk	NTSLIC-SLV- PRI	NexTalk Server License (video capability)	\$7,710.00	1 Year	



Mfr	Mfr. Part #	Description	GSA Price	Warranty (Days)				
		Server license for the NexTalk primary server using ISDN						
NexTalk	NTSLIC- SLNV-PRI-B	NexTalk Server Backup License (no video capability) For backup servers using ISDN	\$4,285.00	1 Year				
NexTalk	NTSLIC-SLV- PRI-B	NexTalk Server Backup License (video capability) For backup servers using ISDN \$5,570.00						
NexTalk	NTSLIC- SLNV-ANA	NexTalk Server License (no video capability) Server license for the NexTalk primary server using analog \$2,575.00						
NexTalk	NTSLIC-SLV- ANA	NexTalk Server License (video capability) Server license for the NexTalk primary server using ISDN NexTalk Server Backup License (no video						
NexTalk	NTSLIC- SLNV-ANA-B	NexTalk Server Backup License (no video capability) For backup servers using ISDN	\$1,720.00	1 Year				
NexTalk	NTSLIC-SLV- ANA-B	NexTalk Server Backup License (video capability) For backup servers using ISDN	\$2,575.00	1 Year				
NexTalk	NTS-LDAP	NexTalk LDAP Gateway license Allows NexTalk server synchronization with Active Directory	\$2,575.00	1 Year				
NexTalk	NTS-SMA	NexTalk Software Maintenance Agreement The SMA must be purchased with new systems and renewable annually	25% of the current price of system configuration	1 Year				
NexTalk	NTS-CDR	NexTalk Call Data Reporting Gateway License Report generator of telecommunications activity	\$3,430.00	3 Year				
NexTalk	NTSLIC-CCS- CNV	NexTalk Client user licenses for call center agents without video capability	1 – 25 agents \$310.00 26 – 50 agents \$280.00 51 – 100 agents \$250.00 101 – 250 agents \$220.00 251 & above contact vendor	1 Year				
NexTalk	NTSLIC-CCS- CV	NexTalk Client user licenses for call center agents with video capability	1 – 25 agents \$370.00 26 – 50 agents \$335.00 51 – 100 agents \$310.00 101 – 250 agents \$265.00 251 & above contact	1 Year				



Mfr	Mfr. Part #	Description	GSA Price	Warranty (Days)					
			vendor						
NexTalk	NTSLIC- SLNV-CCS- PRI	NexTalk Call Center Server License (no video capability) Server license for the NexTalk Call Center primary server using ISDN NexTalk Call Center Server License							
NexTalk	NTSLIC-SLV- CCS-PRI	NexTalk Call Center Server License (video capability) Server license for the NexTalk Call Center primary server using ISDN \$11,150.00							
NexTalk	NTSLIC- SLNV-CCS- PRI-B	NexTalk Call Center Server Backup License (no video capability) \$3,865.00 For backup servers using ISDN							
NexTalk	NTSLIC-SLV- CCS-PRI-B	NexTalk Call Center Server Backup License (video capability) For backup servers using ISDN	(video \$5,150.00						
PPR DIRECT, Inc.	IC-K	The iCommunicator software kit includes: • iCommunicator Software Setup CD's • Dragon NaturallySpeaking Professional • Plantronics CS-50 (or equivalent) • Visikey Wireless Keyboard • iCommunicator Installation Guide	\$5,650.00	N/A					
PPR DIRECT, Inc.	IC-S	iCommunicator Software SOLO Just iCommunicatorno Dragon NaturallySpeakingno microphoneno wireless keyboard. • iCommunicator Software Setup CD's • iCommunicator Installation Guide	\$5,650.00	N/A					
PPR Direct,	ICU-K	The iCommunicator Software Kit UPGRADE includes: • iCommunicator Software Setup CD's • Dragon NaturallySpeaking Professional • iCommunicator Installation Guide	\$2,249.10	N/A					
PPR Direct,		The iCommunicator Software SOLO UPGRADE includes: Just iCommunicatorno Dragon NaturallySpeakingno microphoneno wireless keyboard. • iCommunicator Software Setup CD's		N/A					
Inc.	ICU-S	iCommunicator Installation Guide	\$1,799.10						



Special Item Number 132-51 Information Technology (IT) Professional Services

Labor Category Hourly Rate Hourly Rate Hourly Rate Hourly Rate Hourly Rate Hourly Rate							Data			
Labor Category		,		/		/				/
	Client site	TCS site								
	First	Year	Second	d Year	Third	Year	Fourth	Year	Fifth	Year
Program Manager	106.25	125.00	110.29	129.75	114.48	134.68	118.83	139.80	123.34	145.11
Project Manager I	89.25	105.00	92.64	108.99	96.16	113.13	99.82	117.43	103.61	121.89
Project Manager II	106.25	125.00	110.29	129.75	114.48	134.68	118.83	139.80	123.34	145.11
Subject Matter Expert I	89.25	105.00	92.64	108.99	96.16	113.13	99.82	117.43	103.61	121.89
Subject Matter Expert II	114.75	135.00	119.11	140.13	123.64	145.45	128.33	150.98	133.21	156.72
LAN/WAN Engineer I	80.75	95.00	83.82	98.61	87.00	102.36	90.31	106.25	93.74	110.28
LAN/WAN Engineer II	106.25	125.00	110.29	129.75	114.48	134.68	118.83	139.80	123.34	145.11
LAN/WAN Engineer III	127.50	150.00	132.35	155.70	137.37	161.62	142.59	167.76	148.01	174.13
Section 508 Training Specialist I	119.00	140.00	123.52	145.32	128.22	150.84	133.09	156.57	138.15	162.52
Section 508 Training Specialist II	153.00	180.00	158.81	186.84	164.85	193.94	171.11	201.31	177.62	208.96
Training Specialist I	85.00	100.00	88.23	103.80	91.58	107.74	95.06	111.84	98.68	116.09
Training Specialist II	106.25	125.00	110.29	129.75	114.48	134.68	118.83	139.80	123.34	145.11
PC Maintenance Technician I	46.75	55.00	48.53	57.09	50.37	59.26	52.28	61.51	54.27	63.85
PC Maintenance Technician II	55.25	65.00	57.35	67.47	59.53	70.03	61.79	72.70	64.14	75.46
PC Maintenance Technician III	63.75	75.00	66.17	77.85	68.69	80.81	71.30	83.88	74.01	87.07
Helpdesk Support I	46.75	55.00	48.53	57.09	50.37	59.26	52.28	61.51	54.27	63.85
Helpdesk Support II	56.10	66.00	58.23	68.51	60.44	71.11	62.74	73.81	65.13	76.62
Helpdesk Support III	66.30	78.00	68.82	80.96	71.43	84.04	74.15	87.23	76.97	90.55
Hardware/Software Specialist I	51.00	60.00	52.94	62.28	54.95	64.65	57.04	67.10	59.21	69.65
Hardware/Software Specialist II	61.20	72.00	63.53	74.74	65.94	77.58	68.45	80.52	71.05	83.58
Hardware/Software Specialist III	71.40	84.00	74.11	87.19	76.93	90.51	79.85	93.94	82.89	97.51
Programmer Analyst I	57.80	68.00	60.00	70.58	62.28	73.27	64.64	76.05	67.10	78.94
Programmer Analyst II	63.75	75.00	66.17	77.85	68.69	80.81	71.30	83.88	74.01	87.07
Telecommunications Technician	45.90	54.00	47.64	56.05	49.45	58.18	51.33	60.39	53.28	62.69
Wiring and Cable Technician	45.90	54.00	47.64	56.05	49.45	58.18	51.33	59.93	53.28	62.20
Administrative Support Specialist	38.25	45.00	39.70	46.71	41.21	48.48	42.78	49.94	44.40	51.84