



Our Core Competencies:

User Experience Engineering
Software | Application Development [Java | .Net]
Section 508 Remediation
IBM WCM Portal Development & Administration
Usability Testing
Business Process and Customer Relationship Management [Pega]
Program and Acquisition Support
Telecommunications Support

VISUAL CONNECTIONS is a consulting firm headquartered in Maryland, with clients in government, healthcare, technology and private sector business.

Established in 2007 to provide public and private sector clients with robust web-based applications and effective, customized web sites, we have proven ourselves to be valuable partners who can deliver both qualitative and quantitative results to our clients.

The key to the success of our projects continues to be our core performance principles: We listen to our clients, we engage with them fully to understand their business requirements and we consistently meet and exceed their expectations. Visual Connections has a proven track record of working with some of the most prominent private and public sector organizations; we bring experience working with the Department of Health and Human Services, the Centers for Medicare and Medicaid Services and the Veterans Administration to the table.

Our web sites and applications are designed for end-user and administrative-user ease and efficiency using industry standard, open source technology. Our proven user-centered design approach creates an overall experience that meets the goals and needs for both the users and the organization. In order to create a great experience for your users, we believe development must be an ongoing effort—a process of continually learning about users, responding to their behaviors, and evolving the solution.

Applying the principles of user-centered design and usability, Visual Connections has extensive experience developing websites and web-based applications that are accessible to people with disabilities and compliant with Section 508 of the Rehabilitation Act to require Federal agencies to make their electronic and information technology (EIT) accessible to people with disabilities. We use a combination of tools and techniques— a holistic approach—to ensure compliance.

**AUTHORIZED
INFORMATION TECHNOLOGY SCHEDULE PRICELIST
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY
EQUIPMENT, SOFTWARE AND SERVICES**

Special Item No. 132-8 Purchase of New Equipment

FSC CLASS 7010 - SYSTEM CONFIGURATION

- End User Computers/Desktop Computers
- Professional Workstations
- Servers
- Laptop/Portable/Notebook Computers
- Large Scale Computers
- Other Systems Configuration Equipment, Not Elsewhere Classified

FSC CLASS 7025 - INPUT/OUTPUT AND STORAGE DEVICES

- Graphics, including Video Graphics, Light Pens, Digitizers, Scanners, and Touch Screens
- Network Equipment
- Other Communications Equipment
- Storage Devices including Magnetic Storage, Magnetic Tape Storage and Optical Disk Storage
- Other Input/Output and Storage Devices, Not Elsewhere Classified

FSC CLASS 7035 - ADP SUPPORT EQUIPMENT

- ADP Support Equipment

FSC Class 7042 - MINI AND MICRO COMPUTER CONTROL DEVICES

- Microcomputer Control Devices

FSC CLASS 7050 - ADP COMPONENTS

- ADP Boards

FSC CLASS 5995 - CABLE, CORD, AND WIRE ASSEMBLIES: COMMUNICATIONS EQUIPMENT

- Communications Equipment Cables

FSC CLASS 6015 - FIBER OPTIC CABLES

- Fiber Optic Cables

FSC CLASS 6020 - FIBER OPTIC CABLE ASSEMBLES AND HARNESSSES

- Fiber Optic Cable Assemblies and Harnesses

FSC CLASS 6145 - WIRE AND CABLE, ELECTRICAL

- Coaxial Cables

FSC Class 5805 - TELEPHONE AND TELEGRAPH EQUIPMENT

- Audio and Video Teleconferencing Equipment

FSC CLASS 5810 - COMMUNICATIONS SECURITY EQUIPMENT AND COMPONENTS

Communications Security Equipment

FSC CLASS 5895 - MISCELLANEOUS COMMUNICATION EQUIPMENT

Miscellaneous Communications Equipment

Special Item No. 132-51 Information Technology Professional Services

FPDS Code D302 IT Systems Development Services

FPDS Code D307 Automated Information Systems Design and Integration Services

FPDS Code D308 Programming Services

FPDS Code D313 Computer Aided Design/Computer Aided Manufacturing (CAD/CAM) Services

FPDS Code D399 Other Information Technology Services, Not Elsewhere Classified

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

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

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

Visual Connections, LLC
5425 WISCONSIN AVENUE, SUITE 600 PMB# 619
CHEVY CHASE, MD 20815
Phone: 410.458.8773
Fax: 480.393.4929
<http://www.visualconnections.net>

Contract Number: **GS-35F-0404X**

Period Covered by Contract: **May 24, 2011 - May 23, 2016**

General Services Administration
Federal Acquisition Service

Pricelist current through Modification # PS-0007, dated 01/05/2012

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

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INFORMATION FOR ORDERING ACTIVITIES
APPLICABLE TO ALL SPECIAL ITEM NUMBERS

SPECIAL NOTICE TO AGENCIES: Small Business Participation

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

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

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

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

1. GEOGRAPHIC SCOPE OF CONTRACT:

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

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

Offerors are requested to check one of the following boxes:

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

2. CONTRACTOR'S ORDERING ADDRESS AND PAYMENT INFORMATION:

**5425 WISCONSIN AVENUE, SUITE 600 PMB #619
CHEVY CHASE, MD 20815-3588**

Contractor must accept the credit card for payments equal to or less than the micro-purchase for oral or written orders under this contract. The Contractor and the ordering agency may agree to use the credit card for dollar amounts over the micro-purchase threshold (See GSAR 552.232-79 Payment by Credit Card). 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 activities to obtain technical and/or ordering assistance:

410.458.8773

3. LIABILITY FOR INJURY OR DAMAGE

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

4. STATISTICAL DATA FOR GOVERNMENT ORDERING OFFICE COMPLETION OF STANDARD FORM 279:

Block 9: G. Order/Modification Under Federal Schedule Contract

Block 16: Data Universal Numbering System (DUNS) Number: **808543123**_____

Block 30: Type of Contractor: **B. Other Small Business**_____

- A. Small Disadvantaged Business
- B. Other Small Business
- C. Large Business
- G. Other Nonprofit Organization
- L. Foreign Contractor

Block 31: Woman-Owned Small Business - **No**_____

Block 37: Contractor's Taxpayer Identification Number (TIN): **38-3766848**

Block 40: Veteran Owned Small Business (VOSB): **A: Service Disabled Veteran Owned Small**

Business

- A: Service Disabled Veteran Owned Small Business
- B: Other Veteran Owned Small Business

4a. CAGE Code: **4XTC0**_____

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

5. FOB DESTINATION

6. DELIVERY SCHEDULE

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

SPECIAL ITEM NUMBER	DELIVERY TIME (Days ARO)
132- 8	7-14 Days for items in stock
132- 8	30-60 Days for items out of stock
132-51	To be negotiated with ordering agency

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

c. i. SIN 132-54 and SIN 132-55, ACCELERATED SERVICE DELIVERY (7 calendar days or less): the time required for COMSATCOM services to be available after order award. Under Accelerated Service Task Orders, service acceptance testing, unless otherwise required by the satellite provider or host nation, shall be deferred until Ordering Activity operations permit.

ii. SIN 132-54 and SIN 132-55, TIME-CRITICAL DELIVERY (4 hours or less): the time required for COMSATCOM services to be available after order award. Under Time-Critical Task Orders, service acceptance testing unless otherwise required by the satellite provider or host nation shall be deferred until Ordering Activity operations permit. Time-Critical Delivery shall be predicated on the availability of COMSATCOM transponded capacity (contracted bandwidth and power, pre-arranged Host Nation Agreements, frequency clearance) or COMSATCOM subscription services (bandwidth, terminals, network resources, etc.).

iii. For SIN 132-54 and SIN 132-55, EXTENDED SERVICE DELIVERY TIMES: the time required under extenuating circumstances for COMSATCOM services to be available after order award. Such extenuating circumstances may include extended time required for host nation agreements or landing rights, or other time intensive service delivery requirements as defined in the individual requirement. Any such extended delivery times will be negotiated between the Ordering Activity and Contractor.

7. DISCOUNTS: Prices shown are NET Prices; Basic Discounts have been deducted.

For SIN 132-51

- a. Prompt Payment: 1% 15 days from receipt of invoice or date of acceptance, whichever is later.
- b. Quantity None
- c. Dollar Volume 1% discount on orders above \$250,000.00 & 2% on orders above \$350,000.00
- d. Other Special Discounts (i.e. Government Education Discounts, etc.) None

For SIN 132-8

- a. Prompt Payment: 0% days from receipt of invoice or date of acceptance, whichever is later.
- b. Quantity None
- c. Dollar Volume None
- d. Other Special Discounts (i.e. Government Education Discounts, etc.) 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:

10. Small Requirements: The minimum dollar value of orders to be issued is \$100____.

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

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

Special Item Number 132-8 - Purchase of Equipment

Special Item Number 132-51 - Information Technology Professional Services

12. ORDERING PROCEDURES FOR FEDERAL SUPPLY SCHEDULE CONTRACTS

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

- a. FAR 8.405-1 Ordering procedures for supplies, and services not requiring a statement of work.
- b. FAR 8.405-2 Ordering procedures for services requiring a statement of work.

13. FEDERAL INFORMATION TECHNOLOGY/TELECOMMUNICATION STANDARDS

REQUIREMENTS: ordering activities 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 activities, shall be responded to promptly by the Contractor.

13.1 FEDERAL INFORMATION PROCESSING STANDARDS PUBLICATIONS (FIPS PUBS):

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

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

14. CONTRACTOR TASKS / SPECIAL REQUIREMENTS (C-FSS-370) (NOV 2003)

- (a) Security Clearances: The Contractor may be required to obtain/possess varying levels of security clearances in the performance of orders issued under this contract. All costs associated with obtaining/possessing such security clearances should be factored into the price offered under the Multiple Award Schedule.
- (b) Travel: The Contractor may be required to travel in performance of orders issued under this contract. Allowable travel and per diem charges are governed by Pub .L. 99-234 and FAR Part 31, and are reimbursable by the ordering agency or can be priced as a fixed price item on orders placed under the Multiple Award Schedule. Travel in performance of a task order will only be reimbursable to the extent authorized by the ordering agency. The Industrial Funding Fee does NOT apply to travel and per diem charges.
- (c) Certifications, Licenses and Accreditations: As a commercial practice, the Contractor may be required to obtain/possess any variety of certifications, licenses and accreditations for specific FSC/service code classifications offered. All costs associated with obtaining/ possessing such certifications, licenses and accreditations should be factored into the price offered under the Multiple Award Schedule program.
- (d) Insurance: As a commercial practice, the Contractor may be required to obtain/possess insurance coverage for specific FSC/service code classifications offered. All costs associated with obtaining/possessing such insurance should be factored into the price offered under the Multiple Award Schedule program.

- (e) Personnel: The Contractor may be required to provide key personnel, resumes or skill category descriptions in the performance of orders issued under this contract. Ordering activities may require agency approval of additions or replacements to key personnel.
- (f) Organizational Conflicts of Interest: Where there may be an organizational conflict of interest as determined by the ordering agency, the Contractor's participation in such order may be restricted in accordance with FAR Part 9.5.
- (g) Documentation/Standards: The Contractor may be requested to provide products or services in accordance with rules, regulations, OMB orders, standards and documentation as specified by the agency's order.
- (h) Data/Deliverable Requirements: Any required data/deliverables at the ordering level will be as specified or negotiated in the agency's order.
- (i) Government-Furnished Property: As specified by the agency's order, the Government may provide property, equipment, materials or resources as necessary.
- (j) Availability of Funds: Many Government agencies' operating funds are appropriated for a specific fiscal year. Funds may not be presently available for any orders placed under the contract or any option year. The Government's obligation on orders placed under this contract is contingent upon the availability of appropriated funds from which payment for ordering purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are available to the ordering Contracting Officer.
- (k) Overtime: For professional services, the labor rates in the Schedule should not vary by virtue of the Contractor having worked overtime. For services applicable to the Service Contract Act (as identified in the Schedule), the labor rates in the Schedule will vary as governed by labor laws (usually assessed a time and a half of the labor rate).

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

16. GSA ADVANTAGE!

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

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

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

17. PURCHASE OF OPEN MARKET ITEMS

NOTE: Open Market Items are also known as incidental items, noncontract items, non-Schedule items, and items not on a Federal Supply Schedule contract. ODCs (Other Direct Costs) are not part of this contract and should be treated as open market purchases. Ordering Activities procuring open market items must follow FAR 8.402(f).

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

- (1) All applicable acquisition regulations pertaining to the purchase of the items not on the Federal Supply Schedule have been followed (e.g., publicizing (Part 5), competition requirements (Part 6), acquisition of commercial items (Part 12), contracting methods (Parts 13, 14, and 15), and small business programs (Part 19));
- (2) The ordering activity contracting officer has determined the price for the items not on the Federal Supply Schedule is fair and reasonable;
- (3) The items are clearly labeled on the order as items not on the Federal Supply Schedule; and
- (4) All clauses applicable to items not on the Federal Supply Schedule are included in the order.

18. CONTRACTOR COMMITMENTS, WARRANTIES AND REPRESENTATIONS

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

- (1) Time of delivery/installation quotations for individual orders;
- (2) Technical representations and/or warranties of products concerning performance, total system performance and/or configuration, physical, design and/or functional characteristics and capabilities of a product/equipment/ service/software package submitted in response to requirements which result in orders under this schedule contract.
- (3) Any representations and/or warranties concerning the products made in any literature, description, drawings and/or specifications furnished by the Contractor.

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

19. OVERSEAS ACTIVITIES

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

None

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

20. BLANKET PURCHASE AGREEMENTS (BPAs)

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

21. CONTRACTOR TEAM ARRANGEMENTS

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

22. INSTALLATION, DEINSTALLATION, REINSTALLATION

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

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8 or 132-9.

23. SECTION 508 COMPLIANCE.

I certify that in accordance with 508 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794d), FAR 39.2, and the Architectural and Transportation Barriers Compliance Board Electronic and Information Technology (EIT) Accessibility Standards (36 CFR 1194) General Services Administration (GSA), that all IT hardware/software/services are 508 compliant:

Yes X ____

No _____

The offeror is required to submit with its offer a designated area on its website that outlines the Voluntary Product Accessibility Template (VPAT) or equivalent qualification, which ultimately becomes the Government Product Accessibility Template (GPAT). Section 508 compliance information on the supplies and services in this contract are available at the following website address (URL): <http://www.visualconnections.net/>

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

24. PRIME CONTRACTOR ORDERING FROM FEDERAL SUPPLY SCHEDULES.

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

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

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

25. INSURANCE—WORK ON A GOVERNMENT INSTALLATION (JAN 1997)(FAR 52.228-5)

- (a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the contract.
- (b) Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—
 - (1) For such period as the laws of the State in which this contract is to be performed prescribe; or
 - (2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.
- (c) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain

the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

26. SOFTWARE INTEROPERABILITY.

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

27. ADVANCE PAYMENTS

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

**TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY NEW
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, the Contractor 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, the Contractor's technical personnel shall be available to the ordering activity, at the ordering activity's location, to install the equipment and to train ordering activity personnel in the use and maintenance of the equipment. The charges, if any, for such services are listed below, or in the price schedule:

N/A – the equipment is self-installable.

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 ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8 or SIN 132-9.

c. OPERATING AND MAINTENANCE MANUALS. The Contractor shall furnish the ordering activity with one (1) copy of all operating and maintenance manuals which are normally provided with the equipment being purchased.

5. INSPECTION/ACCEPTANCE

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

All systems include a one year parts and labor warranty.

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

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

d. If inspection and repair of defective equipment under this warranty will be performed at the Contractor's plant, the address is as follows: 11720 Sunrise Valley Dr, Reston, VA 20191

7. PURCHASE PRICE FOR ORDERED EQUIPMENT

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

8. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor 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 ordering activity determines that Information Technology equipment will be replaced, the ordering activity 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 INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES (SPECIAL ITEM NUMBER 132-51)

1. SCOPE

a. The prices, terms and conditions stated under Special Item Number 132-51 Information Technology Professional Services apply exclusively to IT Professional Services within the scope of this Information Technology Schedule.

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

2. PERFORMANCE INCENTIVES I-FSS-60 Performance Incentives (April 2000)

a. Performance incentives may be agreed upon between the Contractor and the ordering activity on individual fixed price orders or Blanket Purchase Agreements under this contract.

b. The ordering activity must establish a maximum performance incentive price for these services and/or total solutions on individual orders or Blanket Purchase Agreements.

c. Incentives should be designed to relate results achieved by the contractor to specified targets. To the maximum extent practicable, ordering activities shall consider establishing incentives where performance is critical to the ordering activity's mission and incentives are likely to motivate the contractor. Incentives shall be based on objectively measurable tasks.

3. ORDER

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

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

4. PERFORMANCE OF SERVICES

a. The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity.

b. The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.

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

d. Any Contractor travel required in the performance of IT Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts.

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

(a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either-

- (1) Cancel the stop-work order; or

(2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.

(b) If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if-

(1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and

(2) The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

6. INSPECTION OF SERVICES

In accordance with FAR 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (MAR 2009) (DEVIATION I - FEB 2007) for Firm-Fixed Price orders and FAR 52.212-4 CONTRACT TERMS AND CONDITIONS -COMMERCIAL ITEMS (MAR 2009) (ALTERNATE I - OCT 2008) (DEVIATION I – FEB 2007) applies to Time-and-Materials and Labor-Hour Contracts orders placed under this contract.

7. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the end product of a task order is software, then FAR 52.227-14 (Dec 2007) Rights in Data – General, may apply.

8. RESPONSIBILITIES OF THE ORDERING ACTIVITY

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

9. INDEPENDENT CONTRACTOR

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

10. ORGANIZATIONAL CONFLICTS OF INTEREST

a. Definitions.

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

“Contractor and its affiliates” and “Contractor or its affiliates” refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants and any joint venture involving the

Contractor, any entity into or with which the Contractor subsequently merges or affiliates, or any other successor or assignee of the Contractor.

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

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

11. INVOICES

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

12. PAYMENTS

For firm-fixed price orders the ordering activity shall pay the Contractor, upon submission of proper invoices or vouchers, the prices stipulated in this contract for service rendered and accepted. Progress payments shall be made only when authorized by the order. For time-and-materials orders, the Payments under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to time-and-materials orders placed under this contract. For labor-hour orders, the Payment under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to labor-hour orders placed under this contract. 52.216-31(Feb 2007) Time-and-Materials/Labor-Hour Proposal Requirements—Commercial Item Acquisition As prescribed in 16.601(e)(3), insert the following provision:

- (a) The Government contemplates award of a Time-and-Materials or Labor-Hour type of contract resulting from this solicitation.
- (b) The offeror must specify fixed hourly rates in its offer that include wages, overhead, general and administrative expenses, and profit. The offeror must specify whether the fixed hourly rate for each labor category applies to labor performed by—
 - (1) The offeror;
 - (2) Subcontractors; and/or
 - (3) Divisions, subsidiaries, or affiliates of the offeror under a common control.

13. RESUMES

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

14. INCIDENTAL SUPPORT COSTS

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

15. APPROVAL OF SUBCONTRACTS

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

16. DESCRIPTION OF IT PROFESSIONAL SERVICES AND PRICING

a. The Contractor shall provide a description of each type of IT Service offered under Special Item Numbers 132-51 IT Professional Services should be presented in the same manner as the Contractor sells to its commercial and other ordering activity customers. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.

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

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

EXAMPLE: Commercial Job Title: System Engineer

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

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

Minimum Education: Bachelor's Degree in Computer Science

USA COMMITMENT TO PROMOTE SMALL BUSINESS PARTICIPATION PROCUREMENT PROGRAMS

PREAMBLE

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

COMMITMENT

To actively seek and partner with small businesses.

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

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

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

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

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

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

We signify our commitment to work in partnership with small, small disadvantaged and women-owned small businesses to promote and increase their participation in ordering activity contracts. To accelerate potential opportunities please contact **Frederick Deese, 410-458-8773, fdeese@visualconnections.net**

BEST VALUE
 BLANKET PURCHASE AGREEMENT
 FEDERAL SUPPLY SCHEDULE

(Insert Customer Name)

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

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

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

Signatures

Ordering Activity Date

Contractor Date

BPA NUMBER _____

**(CUSTOMER NAME)
BLANKET PURCHASE AGREEMENT**

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

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

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

(2) Delivery:

DESTINATION	DELIVERY SCHEDULES / DATES
_____	_____
_____	_____
_____	_____

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

(4) This BPA does not obligate any funds.

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

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

OFFICE	POINT OF CONTACT
_____	_____
_____	_____
_____	_____

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

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

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

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

(h) Date of Shipment.

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

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

**BASIC GUIDELINES FOR USING
“CONTRACTOR TEAM ARRANGEMENTS”**

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

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

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

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

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

Here is a general outline on how it works:

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

Labor Category Descriptions

Job Title 1: **SR Web Engineer**

Minimum/General Experience: Requires at least eight years' experience, of which at least two years must include technical leadership experience and at least four years' experience in software development, installation, and modification in an online production environment.

Functional Responsibility: Designs and develops well-integrated and cost-effective solutions for internal and external Webs; works closely with client project managers and technical leaders to understand customers' business objectives and systems requirements; designs and develops Web infrastructures; designs and implements an intranet strategy for authorization of users to access controlled components; designs relational databases to perform well logically and physically for decision support; coordinates enhancements and maintenance of Web systems and sites; provides recommendations for server operating

Minimum Education: *Bachelor's Degree in Human-Computer Interaction, Web Development/Scripting, Computer Science or other relevant field.

Job Title 2: **Technical Expert 2**

Minimum/General Experience: Experience qualifications will be determined on a case-by-case basis. Generally this requires seven years of general experience in information systems, including five years of specialized experience providing state-of-the-art solutions in information systems technology (or, if the particular area of expertise in new state-of-the-art technology, the specialized experience may be less than ten years and more consistent with the age of the technology). Recognized expert in the technology being addressed.

Functional Responsibility: Provide expert, independent services and leadership in specialized technical areas. Provides expertise on an as-needed basis to all task assignments. Provides expert advice and assistance in state-of-the-art software/hardware. Coordinates with contractor management and Government personnel to ensure that the problem has been properly defined and that the solution will satisfy the Government's requirement.

Minimum Education: *Bachelor's Degree in Computer Science or other relevant field. Master of Technology in Information Technology. Specialized certification in industry proven skill.

Minimum Education: *Bachelor's Degree in Computer Science or other relevant field.

Job Title 3: **Applications Programmer**

Minimum/General Experience: This position requires a minimum of five years experience, of which at least three years must be specialized. Specialized experience includes: experience as an applications programmer on data base management systems, knowledge of computer equipment and ability to develop complex software to satisfy design objectives. Demonstrated ability to work independently or under only general direction.

Functional Responsibility: Analyzes functional business applications and design specifications for functional activities. Develops block diagrams and logic flow charts. Translates detailed design into computer software. Tests, debugs, and refines the computer software to produce the required product. Prepares required documentation, including both program-level and user-level documentation. Enhances software to reduce operating time or improve efficiency. May take direction from application engineer to ensure program deadlines are met

Minimum Education: *Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming.

Job Title 4: **Technical Expert 1**

Minimum/General Experience: Experience qualifications will be determined on a case-by-case basis. Generally this requires nine years of general experience in information systems, including six years of specialized experience providing state-of-the-art solutions in information systems technology (or, if the particular area of expertise in new state-of-the-art technology, the specialized experience may be less than ten years and more consistent with the age of the technology). Recognized expert in the technology being addressed.

Functional Responsibility: Provide expert, independent services and leadership in specialized technical areas. Provides expertise on an as-needed basis to all task assignments. Provides expert advice and assistance in state-of-the-art software/hardware. Coordinates with contractor management and Government personnel to ensure that the problem has been properly defined and that the solution will satisfy the Government's requirement.

Minimum Education: *Bachelor's Degree in Computer Science or other relevant field. Master of Technology in Information Technology. Specialized certification in industry proven skill

Job Title 5: **Senior Information Technology Specialist**

General Experience: Senior Information Technology (IT) Specialists have nine (9) years of substantive IT knowledge and demonstrated hands-on expertise and/or training in areas of emerging technologies. These areas include, but are not limited to, national policy development, continuity of government and operations, crisis management, disaster recovery, database

frameworks, enterprise resource planning, HyperText Markup Language (HTML), HyperText Transfer Protocol (HTTP), Web portals, firewalls, geographic information systems, visual simulation applications, and remote sensing/satellite imagery.

Functional Responsibility: Provides technical expertise, support, and oversight in one or more emerging technology areas including, but not limited to, knowledge discovery, data mining, wireless communications, Internet technologies, secure messaging, enterprise engineering, fraud detection, intrusion detection, bioinformatics, information assurance, public key infrastructure (PKI), and critical infrastructure protection. Reviews and recommends solutions to customer problems based on prior experience and hands-on understanding of how products and services interrelate and support the customer mission.

Education: Bachelor's Degree in Business, Engineering, Computer Science, Information Systems, or Social Science.

Job Title 6: System Administrator

Minimum/General Experience: This position requires a minimum of four years' experience, of which at least three years must be specialized experience in administrating computer systems. General experience includes operations experience on a large-scale computer system or a multi-server local area network.

Functional Responsibilities: Supervises and manages the daily activities of configuration and operation of business systems which may be mainframe, mini, or client/server based. Optimizes system operation and resource utilization, and performs system capacity analysis and planning. Provides assistance to users in accessing and using business systems.

Minimum Education: A Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance.

Education: A Master's Degree (in subjects described above) and three years general experience of which at least two years must be specialized experience.

Job Title 7: Test Engineer (Senior)

Minimum/General Experience: Requires at least four years' related experience in testing or instructional media/technology. Also requires knowledge of the principles, methods, and techniques used in analysis and assessment as well as the use and application of related off-the-shelf tools. Must have the ability to provide work leadership and supervision to assigned staff. Expertise in Automated Testing Tools such as Quick Test Professional (QTP), Quality Center, Visual Studio and Load Runner. Required experience also in the following areas:

- Performed Regression Testing, GUI Testing & Functionality Testing.

- Recreating BUG and Analyzing Impacted Areas.
- Used the Quality center as bug-tracking tool to centralize the bugs and also to follow up the defect status.

Functional Responsibility: Designs and develops assessment instruments and/or strategies to meet training requirements; conducts analysis of training requirements (needs, job, task analysis); interviews subject matter experts or incumbents to collect information; develops relevant and measurable assessment criteria, standards, and methodologies; designs reliable and valid assessment materials; prepares reports and technical documentation related to assessment. Involved in implementation of the test plan and developed test cases and test scripts in Mercury Test management tool Quality Center of web and software products.

Minimum Education: *Bachelor's Degree in Computer Science or other relevant field.

Job Title 8: **Test Engineer (Junior)**

Minimum/General Experience: Requires at least three years' related experience in testing or instructional media/technology. Also requires knowledge of the principles, methods, and techniques used in analysis and assessment as well as the use and application of related off-the-shelf tools. Must have the ability to follow instructions and guidance from assigned staff. Experience with Automated Testing Tools such as Quick Test Professional (QTP), Quality Center, Visual Studio and Load Runner. Required experience also in the following areas:

- Performed Regression Testing, GUI Testing & Functionality Testing.
- Recreating BUG and Analyzing Impacted Areas.
- Used the Quality center as bug-tracking tool to centralize the bugs and also to follow up the defect status.

Functional Responsibility: Designs and develops assessment instruments and/or strategies to meet training requirements; conducts analysis of training requirements (needs, job, task analysis); interviews subject matter experts or incumbents to collect information; develops relevant and measurable assessment criteria, standards, and methodologies; designs reliable and valid assessment materials; prepares reports and technical documentation related to assessment.

Minimum Education: *Bachelor's Degree in Computer Science or other relevant field.

Job Title 9: **Business Analyst (Junior)**

Minimum/General Experience: Four (4) years of experience, of which at least three (3) must be specialized. Specialized experience includes: developing functional requirements, conducting business analysis, or demonstrated problem-solving for complex business systems or environments. Competent to work in most phases of business analysis. Must demonstrate the ability to work independently or under only general direction.

Functional Responsibility: Analyze user needs to determine business, functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task.

Minimum Education: *Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or a related field or equivalent experience in a technical or business discipline.

Job Title 10: Business Analyst (Senior)

Minimum/General Experience: Six (6) years of experience, of which at least four (4) must be specialized. Specialized experience includes: developing functional requirements, conducting business analysis, or demonstrated problem-solving for complex business systems or environments. Competent to work in most phases of business analysis with some experience as a team lead. Must demonstrate the ability to work independently or under only general direction.

Functional Responsibility: Analyze user needs to determine business, functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. May work in a lead capacity on a project. Identifies resources required for each task.

Minimum Education: *Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or a related field or equivalent experience in a technical or business discipline.

Job Title 11: Technical Manager

Minimum/General Experience: Ten (10) years of experience, of which at least six (6) must be specialized. High level of technical competence and analytical skill. Expert level knowledge in the particular area of specialization. Intense and diversified knowledge in the particular field of specialization with in-depth understanding of the latest development in the field. Capable of developing new and innovative applications of state of the art knowledge. Superior interpersonal and communications skills.

Functional Responsibility: Performs work under broad direction concerning matters within his/her field of specialization. Progress reviews focus on status and quality of output product. Works under general direction, independently, or as part of team, with responsibility for analysis of problems, which are at the edge of the state of the art or involve significant complexity. Assists in the preparation of studies, plans and analyses in support of internal and external customers. May conduct in-depth research in support of studies and analyses. Presents and discusses specific approaches to meeting customer needs. Generally deals with senior level personnel or other recognized technical experts within the customer organization.

Minimum Education: *Bachelor's Degree in Computer Science or other relevant field. Master of Technology in Information Technology, or a related field or equivalent experience in a technical or business discipline. Specialized certification in industry proven skill.

Job Title 12: **Help Desk Specialist 1**

Minimum/General Experience: Six (6) years of experience, of which at least three (3) must be specialized performing Help Desk functions.

Functional Responsibility: Competent to work in most phases of Help Desk Specialist with some experience as a team lead. Must demonstrate the ability to work independently or under only general direction. Responsible to 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: *Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or a related field or equivalent experience in a technical or business discipline.

Job Title 13: **Help Desk Specialist 2**

Minimum/General Experience: Two (2) year experience performing Help Desk functions.

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. Has the ability to perform tasks related to data entry.

Minimum Education: *High School diploma, plus Help Desk-related training classes.

Job Title 14: **Technical Writer 2**

Minimum/General Experience: Four (4) years of experience in writing, editing, and preparing business or technical documentation. Experience with and knowledge of government or commercial documentation standards as appropriate to the assignment.

Functional Responsibility: Responsible for documentation development and preparation throughout the production cycle that can include: technical writing/editing, editorial consultation, copy design/editing, proofreading, or overall documentation review. Checks documents for spelling, grammar, organization, consistency, and content. Ensures that documents follow the appropriate style guide. Interfaces with the client on a day-to-day basis. Supports the completion of project specific tasks within estimated time frames and budget constraints.

Minimum Education: *Bachelor's Degree in Communications, Journalism, English, or a related field or equivalent experience.

Job Title 15: **Trainer 2**

Minimum/General Experience: Four (4) years of technical training experience, including two (2) years of information systems training experience. Competent to work at a high level for all phases of information systems training.

Functional Responsibility: Working under general direction, prepares and conducts complex training and education programs for information systems or user personnel. May design and develop in-house programs. Maintains records of training activities, employee progress, and program effectiveness.

Minimum Education: *Bachelor's degree in any field.

Job Title 16: **Project Manager**

Minimum/General Experience: Minimum eight (8) years general experience with five (5) years specialized experience reflecting increasing responsibilities in information systems design and management and the ability to motivate and lead teams. Must have understanding of, and experience in, complete project development life cycle, proposal and/or task order development, and working knowledge of program management functions including cost, schedule status and reporting.

Functional Responsibility: The Project Manager is the authorized interface with the client's management personnel. He/she will be responsible for formulating and enforcing work standards, project schedules, supervising personnel and communicating policies, purposes, and goals of the organization and/or project to subordinates. Also responsible for day-to-day operation and the overall project performance.

Minimum Education: *Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or a related field or equivalent experience in a technical or business discipline.

Job Title 17: **Program Manager**

Minimum/General Experience: Must have at least ten years' experience, of which at least six years must be specialized. Specialized experience includes: complete engineering project development from inception to deployment, demonstrated ability to provide guidance and direction in the tasks similar to the sample tasks provided in the statement of work, proven expertise in the management and control of funds and resources, demonstrated capability in managing multi-task contracts of this type and complexity. General experience includes increasing responsibilities in information systems design and management.

Functional Responsibility: Serves as the contractor's contract manager, and shall be the contractor's authorized interface with the Government Contracting Officer (CO), the Contracting Officer's Representative (COR), government management personnel and customer agency representatives. Responsible for formulating and enforcing work standards, assigning contractor

schedules, reviewing work discrepancies, supervising contractor personnel and communicating policies, purposes, and goals of the organization to subordinates. Shall be responsible for the overall contract performance and shall not serve in any other capacity. Ability to manage and ensure the successful completion multiple technical tasks in assigned program(s).

Minimum Education: *Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or a related field or equivalent experience in a technical or business discipline.

Job Title 18: Business Process Reengineering Analyst

Minimum/General Experience: Completed a minimum of 3 courses in Information Engineering & Business Process Reengineering Methodologies such as Activity Based Costing, IDEF Modeling, Facilitation, and two years' experience performing analysis projects, or; five years' experience, of which at least two years must be specialized in the implementation of information engineering projects using IE tools and methods. Two years business/functional experience is desirable, to support the business modeling.

Functional Responsibility: Applies business process improvement practices to reengineer methodologies/principles and business process modernization projects. Applies, as appropriate, activity and data modeling, transaction flow analysis, internal control and risk analysis and modern business methods and performance measurement techniques.

Minimum Education: *Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or a related field or equivalent experience in a technical or business discipline.

Job Title 19: SR Training Specialist/Instructor

Minimum/General Experience: Must have six years' experience in information systems development, training, or related fields, with at least three years' experience developing and providing IT and end-user training on computer hardware and application software.

Functional Responsibility: Conducts the research necessary to develop and revise training courses and prepares appropriate training catalogs. Prepares all instructor materials (course outline, background material, and training aids). Prepares all student materials (course manuals, workbooks, handouts, completion certificates, and course critique forms). Trains personnel by conducting formal classroom courses, workshops, and seminars. Provides daily supervision and direction to staff.

Minimum Education: *Bachelor's degree in any field.

Job Title 20: Pega Lead Systems Architect (LSA)

Minimum/General Experience: must have 8 years of Software Engineering Experience in which at least 5 years should be in Pega Rules Process Commander. Must Have knowledge in Object Oriented DB designing and Object Oriented Software Designing and Development. Must have Experience in Business Process Engineering.

Functional Responsibility: responsible for the design of the overall application. The LSA will work with the Business Architect or the analyst and the business owners to extract and define the system requirements. Responsible for designing the organization level of the application. Designs the sub-system or 3rd party integration components. Responsible for modeling, defining and designing the business processes. LSA will also manage the overall quality of the code in the developed application. As well as the overall process followed using full application profiler and Preflight. Define Business goals of the overall program; monitor and track that the software developed will meet those goals.

Minimum Education: *Bachelor's Degree in Computer Science or other relevant field. Master of Technology in Information Technology. LSA certificate from Pega required

Job Title 21: Pega Certified Senior Systems Architect (CSSA)

Minimum/General Experience: 7 years of Software Engineering in which 5 years are specialized in Pega Rules Process Commander. Experience in Object Oriented DB designing, Application Design and Development. Experience in Business Process Modeling.

Functional Responsibility: Assure that the PRPC guardrails are followed throughout the Software Design and development Process. Guide the Development team in implementing the Designed application. Define and manage the business/ user and system requirements.

Minimum Education: *Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or a related field or equivalent experience in a technical or business discipline. CSSA certificate from Pega required.

Job Title 22: Pega Certified Systems Architect (CSA)

Minimum/General Experience: 5 years of Software Engineering in which 3 years are specialized in Pega Rules Process Commander. Experience in Object Oriented DB designing, Application Design and Development. Experience in Business Process Modeling. Experience designing and developing process based solutions. Experience in process excellence/modeling, workflow, or flow charting.

Functional Responsibility: Assure that the PRPC guardrails are followed throughout the Software Design and development Process. Guide the Development team in implementing the Designed application. Define and manage the business/ user and system requirements. Conduct DCO sessions to collect requirements and use cases. Develop a business architecture strategy based on various business scenarios and motivations.

Minimum Education: *Bachelor's Degree in Computer Science or other relevant field. CSA certificate from Pega required.

Job Title 23: Product Manager

Minimum/General Experience: This position requires a minimum of four years' experience, of which at least 2 years must be specialized. General experience includes increasing responsibilities in general accounting or management activities. Specialized experience includes preparation and analysis of financial statements and development of complex project schedules. Must demonstrate the ability to work independently or under only general direction. Must understand the principles of Earned Value Management (EVM). Must demonstrate the ability to work independently or under only general direction.

Functional Responsibility: Directs all financial management and administrative activities, such as budgeting, manpower and resource planning, and financial reporting. Performs complex evaluations of existing procedures, processes, techniques, models, and/or systems related to management problems or contractual issues, which would require a report and recommend solutions. Develops work breakdown structures, prepare charts, tables, graphs, and diagrams to assist in analyzing problems. Provides daily supervision and direction to staff. May perform Earned Value Management (EVM) analysis and assist with the creation and updating of project control plans/diagrams.

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

Education and/or experience requirements may be substituted with:

1. A Master's degree (in the fields described above) with two years of general experience of which at least one year must be specialized experience.
2. No degree and eight years of general experience with at least six years of specialized experience.

Job Title 24: Writer/Content Designer/Content Strategist

Minimum/General Experience: A minimum of 5 years of experience in this area.

Specialized Experience: At least 2 years of experience in editing documents, including technical documents.

Functional Responsibility: Assists in collecting and organizing information for preparation of user manuals, training materials, installation guides, proposals, and reports. Edits functional descriptions, system specifications, user manuals, special reports, and any other customer deliverables and documents. Assists in performing financial and administrative functions. Must demonstrate the ability to work independently or under only general direction.

Minimum Education: Associate's degree in related field.

Job Title 25: Front End Web Developer

Minimum/General Experience: Must have 1 year of computer experience in at least two of the following disciplines: HTML, JavaScript, GIF or JPG imaging, computer graphics, web page development.

Specialized Experience: At least 1 year of experience developing web pages using HTML and associated scripting and graphics integration.

Functional Responsibility: Must be able to translate applications requirements into web pages to serve either as stand-alone site elements or as the front end to web-based applications. Must be able to apply new and emerging technologies to the page development process.

Education: B.A. or B.S. degree or 3 years of equivalent experience in a related field.

Job Title 26: Interaction Designer/User Researcher/Usability Tester

Minimum/General Experience: 5+ years of experience testing client server application and websites. Familiarity testing Java, XML, SQL, applications and APIs. Understanding of usability testing as well as functionality testing.

Functional Responsibility: Performs QA verification and usability analysis tasks for existing systems or systems under development. Develops and executes test plans and test cases. Manages test environment and test data. Drafts documentation for internal and external audiences.

Education: BA/BS in computer science or related discipline or equivalent.

Job Title 27: Technical Architect

Minimum/General Experience: This position requires a minimum of ten years' experience, of which at least seven years must be specialized. Specialized experience includes: supervision of system architects, use of structured analysis, design methodologies and design tools (such as IDEF 1x, entity relationship diagrams, and other design techniques), object-oriented principles, and experience with the logical and physical functional, operational, and technical architecture of large and complex information systems. General experience includes increasing responsibilities in systems engineering.

Functional Responsibility: Establishes system information requirements using analysis of the information engineer(s) in the development of enterprise-wide or large scale information systems. Designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. As appropriate, ensures these systems are compatible and in compliance with the standards for open systems architectures, the Open Systems Interconnection (OSI) and International Standards Organization (ISO) reference models, and profiles of standards - such as Institute of Electrical and Electronic Engineers (IEEE) Open Systems Environment (OSE) reference model - as they apply to the implementation and specification of an Information Management (IM) solution of the application platform, across the application program interface (API), and the external environment/software application. Evaluates analytically and systematically problems of work flows, organization, and planning and develops appropriate corrective action. May provide daily supervision and direction to staff.

Minimum Education: A Master's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance.

Education and experience requirements may be substituted with:

1. A Ph.D. (in subjects described above) and eight years of general experience of which at least six years must be specialized experience.
2. A Bachelors' degree (in subjects described above) and 12 years general experience of which at least nine years must be specialized experience.

Job Title 28: Back End Web Developer

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least four years must be specialized. Specialized experience includes: experience as an applications programmer on data base management systems, knowledge of computer equipment and ability to develop complex software to satisfy design objectives. Demonstrated ability to work independently or under only general direction.

Functional Responsibility: Applies a systematic, disciplined, quantified engineering approach to the development, operation and maintenance of software. Analyzes functional business applications and design specifications for functional activities. Develops block diagrams and logic flow charts. Translates detailed design into computer software. Tests, debugs, and refines the computer software to produce the required product. Prepares required documentation, including both program-level and user-level documentation. Enhances software to reduce operating time or improve efficiency. May provide technical direction to programmers to ensure program deadlines are met.

Minimum Education: A Bachelor's degree in computer science/systems, information systems/technology, engineering/engineering technology, software engineering/programming, management, natural sciences, social sciences, mathematics or business/finance.

Education and experience requirements may be substituted with:

1. A Master's Degree (in subjects described above) and four years general experience of which at least three years must be specialized experience.
2. No degree and ten years of general experience of which at least eight years must be specialized experience.

Job Title 29: **DevOps Engineer**

Minimum/General Experience: 5 years' experience.

Functional Responsibility: Experience serving as the engineer of complex technology implementations in a product-centric environment. Comfortable with bridging the gap between legacy development or operations teams and working toward a shared culture and vision. Works tirelessly to arm developers with the best tools and ensuring system uptime and performance.

Minimum Education: Bachelor's Degree In a related IT field or equivalent professional experience.

Job Title 30: **Visual Designer**

Minimum/General Experience: 5+ years of industry experience to include 4+ years of usability focused, interface design of application and/or websites experience.

Functional Responsibility: Performs design, prototyping and implementation of user interfaces. Develops highly usable designs that blend standard web best practices and aesthetically pleasing design with a focus on communication and function. Represents the end-user and base the design around the needs of the user.

Minimum Education: BA/BS or equivalent professional experience.

Job Title 31: **Security Engineer**

Minimum/General Experience: This position requires a minimum of 4 years of experience.

Specialized Experience: At least 2 years of experience in defining computer security requirements for systems or high-level applications, evaluating approved security product capabilities, and developing proper computer system security solutions.

Functional Responsibility: Analyzes and defines security requirements for computer systems, which may include mainframes, workstations, and personal computers. Designs, develops, engineers, and implements solutions to security requirements. Responsible for integration and implementation of the computer system security solution. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in computer security.

Minimum Education: BA/BS or equivalent professional experience, Security certification such as CISSA or CISM preferred

Job Title 32: **Agile Coach**

Minimum/General Experience: Five (5) years' experience using Agile software development and/or support principles, practices, and methodologies such as Scrum, XP, Lean, FDD, DSDM, or Crystal in software development or other technical projects. Progressive accomplishment managing and implementing large, complex information technology systems. Agile certification required, such as Scrum Master or PMI-ACP.

Functional Responsibility: The Agile Coach is responsible for ensuring that the Agile software development and/or support practices are followed and adjusted as required. Specifically the coach is responsible for:

- Facilitation of planning meetings, sprint/iteration reviews, and retrospectives -- the three essential Agile "ceremonies."
- The Agile Coach works with the development team or organization to establish and adapt to Agile practices that help to ensure high quality results and a high level of customer satisfaction.

The Coach will train an "apprentice scrum master" in order to transition the necessary knowledge needed to continue the team's progress. The coach is likely to be found pairing with software developers to help them apply test driven development, supporting developers in refactoring work, or helping improve the continuous integration system or other activities that are close to the code. Bachelor's Degree or equivalent work experience.

Minimum Education: Two (2) years training experience Bachelor's Degree In a related IT field

Job Title 33: **Digital Performance Analyst**

Minimum/General Experience: 5 years

Functional Responsibility: Experience specifying, collecting, and presenting key performance data and analysis for a given digital service. Supports Product Managers by generating new and useful information and translating it into actions that will allow them to iteratively improve their service for users. Possesses analytical and problem-solving skills necessary for quickly developing recommendations based on the quantitative and qualitative evidence gathered via web

analytics, financial data, and user feedback. Confident in explaining technical concepts to senior officials with limited technological background. And comfortable working with data, from gathering and through to design and presentation.

Minimum Education/Experience: Bachelor's degree in a related field.

Job Title 34: **Delivery Manager**

Minimum/ General Experience: Have a minimum of seven (7) years of IT experience with at least two (2) years' experience in a management position.

Functional Responsibility: Responsible for overall project management of contracts. Plans, organizes and manages groups of employees engaged in various technical duties. This person, with analytic and technical experience, oversees and guides both problem analysis and technical solution implementation through final testing and knowledge transfer. Technical Delivery Managers bring expertise in project management methodology, BPM program management, and the design and build of BPM applications.

Minimum Education: Bachelor's Degree and 3 years' experience.

Job Title 35: **Solution Architect**

Minimum/General Experience: Have a minimum of ten (10) years of experience providing leadership and having responsibility for software architecture, design, engineering and implementation of the solution. The Solution Architect is adept at mapping the Government's business requirements to technical requirements. The Solution Architect will apply agile, lean and continuous integration concepts and collaborate closely with the Program / Project Manager, Technical Architects, Software Developers, Business Analysts and other supporting team members to deliver a high business value solution for the Government.

Functional Responsibility: Possesses expert knowledge and hands-on experience with .Net, JEE, and Web Service architectures. Possesses expert knowledge of Software Development Lifecycle and Methodologies (waterfall, unified, iterative, agile, etc). Expert knowledge of Service Oriented Architecture (SOA) design and cloud computing design concepts. Drives technical software architecture, design and implementation using a hands-on approach. Analyzes requirements to develop high quality and readily available software. Leads technical design reviews, functional specification reviews and peer reviews. Contributes to development project estimates, scheduling, test plans, and code reviews. Oversees software architecture specifications and participates in the creation of detailed technical design documents. Proactively raises issues if specification will lead to quality, system performance, or architectural issues in solution. Recommends action plans and communicates issues to the Government and project team.

Minimum Education: Bachelor’s Degree in Computer Science or other relevant field. Specialized certification in industry proven skill.

Job Title 36: Subject Matter Expert

Minimum/General Experience: Have a minimum of fifteen (15) years of experience and recognized as an expert in a specific field of expertise. The Subject Matter Expert will leverage their hands-on experience of business and/or technical requirements to interface with senior business and/or technical management to provide strategic and tactical direction that leads directly to the Government’s desired outcome. The Subject Matter Expert is adept at designing and implementing complex enterprise programs and solutions with significant business value. The Subject Matter Expert will collaborate closely with the project team to facilitate top-down and bottom up solution approaches.

Functional Responsibility: Possesses expert knowledge of domain specific business processes, data, technology, policy, practices, procedures and regulatory requirements. Possesses expert knowledge of domain specific best practices and industry trends. Analyzes requirements to develop appropriate strategic and tactical direction. Recommends plans of action and risk mitigation strategies to the Government and project team. Performs business process reviews and facilitates alignment of business requirements with the functions required for the appropriate policy, process, procedural or technical solution.

Minimum Education: Bachelor’s Degree or Advanced Degree in a specific field of expertise. Specialized certification in industry proven skill.

Degree	Experience Equivalence	Other Equivalence
Bachelors	Associates degree +2 years relevant experience, or 4 years relevant experience	Professional certification
Masters	Bachelors +2 years relevant experience, or Associates +4 years relevant experience	Professional license
Doctorate	Masters +2 years relevant experience, Bachelors +4 years relevant experience	

* Successful completion of higher education which has not yet resulted in a degree may be counted as 1 year of experience for each year of college completed.

Federal Supply Schedule Price List

Prices Shown herein are Net (Discount Deducted)

SIN	Job Title	GSA Hourly Rate w/IFF
132-51	SR Web Engineer	\$90.66
132-51	Technical Expert 2	\$124.23
132-51	Applications Programmer	\$54.41
132-51	Technical Expert 1	\$131.38
132-51	Senior Information Technology Specialist	\$122.64
132-51	System Administrator	\$127.86
132-51	Test Engineer (Senior)	\$79.39
132-51	Test Engineer (Junior)	\$67.92
132-51	Business Analyst (Junior)	\$70.37
132-51	Business Analyst (Senior)	\$80.71
132-51	Technical Manager	\$88.87
132-51	Help Desk Specialist 1	\$49.87
132-51	Help Desk Specialist 2	\$40.44
132-51	Technical Writer 2	\$68.37
132-51	Trainer 2	\$56.22
132-51	Project Manager	\$101.97
132-51	Program Manager	\$139.65
132-51	Business Process Reengineering Analyst	\$104.28
132-51	SR Training Specialist/Instructor	\$76.17
132-51	Pega Lead Systems Architect (LSA)	\$140.55
132-51	Pega Certified Senior Systems Architect (CSSA)	\$131.49
132-51	Pega Certified Systems Architect (CSA)	\$122.42
132-51	Product Manager	\$138.40
132-51	Writer/Content Designer/Content Strategist	\$90.68
132-51	Front End Web Developer	\$99.07
132-51	Interaction Designer/User Researcher/Usability Tester	\$108.82

132-51	Technical Architect	\$135.36
132-51	Back End Web Developer	\$89.36
132-51	DevOps Engineer	\$119.13
132-51	Visual Designer	\$126.99
132-51	Security Engineer	\$121.82
132-51	Agile Coach	\$121.82
132-51	Digital Performance Analyst	\$90.68
132-51	Delivery Manager	\$136.02
132-51	Solutions Architect	\$185.80
132-51	Subject Matter Expert	\$205.84

SIN	MFR Part #	Product Description	GSA Price with IFF
		Green Machines (GMX): Modular Re-Configurable Cloud Building Blocks™	
132 8	GMX-1-E	1 Processor Block, Standard Lightweight Chassis, Maximum Memory 192GB, weight 9lbs. * Energy Saving Tuned 6 cores optional 12	\$3,237.76
132 8	GMX-1-P	1 Processor Block, Standard Lightweight Chassis, Maximum Memory 192GB, weight 9lbs. **High Performance Tuned 12 cores	\$8,101.76
132 8	GMX-2-E	2 Processor Blocks, Standard Lightweight Chassis, Maximum Memory 384GB, weight 29lbs. *Energy Saving Tuned 12 cores optional 24	\$6,867.71
132 8	GMX-2-P	2 Processor Blocks, Standard Lightweight Chassis, Maximum Memory 384GB, weight 29lbs. **High Performance Tuned 24 cores	\$16,593.45
132 8	GMX-10-E	10 Processor Blocks, Standard Lightweight Chassis, Maximum Memory 1920GB, weight 100lbs. *Energy Saving Tuned 60 cores optional 120	\$37,868.26

132 8	GMX-10-P	10 Processor Blocks, Standard Lightweight Chassis, Maximum Memory 1920GB, weight 110lbs. **High Performance Tuned 120 cores	\$86,476.57
132 8	GMX-80-E	80 Processor Blocks, Standard Lightweight Chassis, with 640GB memory (maximum 15,360GB), weight 895lbs. *Energy Saving Tuned 960 cores	\$431,933.50
132 8	GMX-80-P	80 Processor Blocks, Standard Lightweight Chassis, 1,280GB memory (Maximum 15,360GB), weight 925lbs. **High Performance Tuned 960 cores	\$694,845.34
		GMX Options	
132 8	PB-MMU-1	1x 16GB DDR3 memory upgrade (up to 12 per Processor Block)	\$251.87
132 8	MEM-1033-8	1x 8GB DDR3 memory upgrade	\$163.41
132 8	PB-QIB-1	Single 40Gbps QDR Infiniband (per Processor Block)	\$671.54
132 8	PB-QIB-2	Dual 40Gbps QDR Infiniband (per Processor Block)	\$849.17
132 8	PDU-10-1	Dynamic Power Monitor PDU with LED readout (per PDU)	\$155.13
132 8	PB-COB-B	Color Options (per Block)	\$78.79
132 8	PB-SPK-1	Spare parts kit (boot disk, power supply, fan - per Block)	\$386.09
132 8	GMX-BBC	Add-on GMX-10 bare chassis with internal PDUs	\$7,076.88
132 8	GMX-PS11	GMX 1,100 watt high-efficiency power supply	\$215.71
132 8	IB-QDR-8	8 port 40Gbps Infiniband QDR 1/2U switch	\$1,873.80

132 8	IB-QDR-18	18 port 40Gbps Infiniband QDR 1U switch	\$2,832.49
132 8	IB-QDR-36	36 port 40Gbps Infiniband QDR 1U switch	\$6,436.30
132 8	EN-SW-16	16 port GigE Ethernet 1U switch	\$187.38
132 8	EN-SW-48	48 port GigE Ethernet 1U switch	\$650.17
132 8	CBL-QIB-.5M	Infiniband 40Gbps QDR cable .5 meter	\$77.57
132 8	CBL-QIB-1M	Infiniband 40Gbps QDR cable 1 meter	\$86.28
132 8	CBL-CAT5-.5M	Ethernet Cat5e GigE cable .5 meter	\$8.28
132 8	CBL-CAT5-1M	Ethernet Cat5e GigE cable 1 meter	\$10.46
132 8	RCK-42	42U open frame rack 3,000 capacity	\$1,067.63
	UPS-3000-L5	APC Smart-UPS 3000KVA rackmount UPS. Input NEMA L5-30, Output 2x NEMA L5-20, 6x NEMA L5-15	\$1,200.11
	MAINT-1	Maintenance (after 1st year) is 11% of purchase price per year	
	ONSITE-1	On-site warranty is 16% of purchase price per year (CONUS only, call for OCONUS)	
		*Energy Saving Tuned Configuration, each Processor Block with 1x Six-Core Intel Xeon 2.43 GHz, 5.86GT/s, 8 MB cache CPU; 8 GB DDR3 memory (up to 192GB); Dual-port GigE NIC; 1/2 U compact chassis; 320 GB SATA OS boot disk; 6x SATA 3.0Gbps controller; PCI-e x16 gen II expansion slot, Matrox video, integrated IPMI 2.0 with virtual KVM and media over LAN.	

		<p>**Performance Tuned Configuration, each Processor Block with 2x Six-Core Intel Xeon 2.93 GHz, 6.4GT/s, 12 MB cache CPUs; 16 GB DDR3 memory (up to 192GB); Dual-port GigE NIC; 1/2 U compact chassis; 320 GB SATA OS boot disk; 6x SATA 3.0Gbps controller; PCI-e x16 gen II expansion slot, Matrox video, integrated IPMI 2.0 with virtual KVM and media over LAN.</p>	
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Note 1: GMX-1 is a dual six-core (12 cores) "Processor Building Block", the GMX-2 and others consist of a rack-mountable chassis filled with Processor Blocks and/or Storage Blocks.

Note 2: Green Machines Chassis model number format is "GMX-n-t" where n=number of GMX-1 Processor Blocks in chassis and t=E (Energy tuned), or t=P (Performance Tuned).

		GMX Processor Blocks, Cloud Building Blocks™	
132 8	PB-16I-E	6 cores per Processor Block, 8G Base Memory Configuration, 96G Maximum Memory per Processor Block	\$3,237.76
132 8	PB-26I-E	12 cores per Processor Block, 16G Base Memory Configuration, 192G Maximum Memory per Processor Block	\$4,004.71
132 8	PB-26I-P	12 cores per Processor Block, 32G Base Memory Configuration, 192G Maximum Memory per Processor Block	\$8,148.87
132 8	PB-212A-P	24 cores per Processor Block, 96G Base Memory Configuration, 192G Maximum Memory per Processor Block	\$10,366.93

Note 3: Processor Block model number format is "PB-ncv-t" where: n=number of CPUs; c=number of cores per CPU; v=processor type (I=Intel,A=AMD, F=FPGA, G=GPU). t=type (E for Energy tuned, P for Performance tuned). Many other CPU clock speeds, cache sizes, cores are available..

		GMX Storage Blocks, Cloud Building Blocks™	
132 8	SB-HD1-3	3 TB Storage Capacity	\$1,049.33
132 8	SB-HD4-12	12 TB Storage Capacity	\$2,733.14
132 8	SB-HD12X-36	36 TB Storage Capacity	\$7,642.52
132 8	SB-SD20-5	5 TB Capacity Solid State Storage SSD	\$13,768.66

Note 4: Storage Block model number format is "SB-ttn-c" where: tt=type (Hard Disk, Solid State Disk), n=number of drives, c=capacity in TB, X=extended (double) Block (i.e. 3.48" height). Many other storage capacities and hybrid (HDD+SSD) systems available, please call for quotes.

		Green Ninja (GMN)	
		High-Performance Replicating NAS or SAN Cloud Storage Systems	
132 8	GMN-4-2T	4 TB Storage Head Node with Infiniband	\$3,281.34
132 8	GMN-8	8 TB Storage Capacity, 8 GB Memory, Infiniband optional	\$3,666.99
132 8	GMN-8-1	8 TB Storage Capacity, 8 GB Memory, with Infiniband	\$4,510.20
132 8	GMN-12	12 TB Storage Capacity, 16 GB Memory, with Infiniband	\$6,850.28
132 8	GMN-72	72 TB Storage Capacity, 16 GB Memory, with Infiniband	\$26,979.30
132 8	GMN-144	144 TB Storage Capacity, 32 GB Memory, with Infiniband	\$45,864.64
132 8	GMN-150-6	150 TB Storage Capacity, 16GB Memory, Infiniband optional	\$40,495.99
132 8	GMN-1152	1152 TB Storage Capacity, 256 GB Memory, with Infiniband	\$369,085.14

Note 5: Green Ninja model numbers are "GMN-c" where c=capacity in TB. Many other storage capacities available, please call for quote.

		HD/SD Video Wizard (GMV)	
		<p><i>SDI, HDMI, component analog, NTSC/PAL and S-Video equipment with switching capability between SD, HD and 2K. The Video Wizard includes 2 channels of AES/EBU audio in and out with a sample rate converter on the AES/EBU input as well as 2 channels of XLR professional analog audio in and out and works in conjunction with the widest range of equipment, such as HDCAM, HD-D5, HDCAM SR, Betacam SP, Digital Betacam, HD receivers, HDV cameras, televisions, mixers and more. Video Wizard supports Dual Link SDI and 3 Gb/s SDI, so you can capture and play back 4:4:4 video when used with decks such as Sony HDCAM SR™.</i></p>	
132 8	GMV-6-10S	10 TB Storage Capacity, Intel High-Performance CPU cores: 6	\$11,312.54
132 8	GMV-12-20S	20 TB Storage Capacity, Intel High-Performance CPU cores: 6	\$14,380.35
132 8	GMV-12-30S	30 TB Storage Capacity, Intel High-Performance CPU cores: 12	\$20,362.72
132 8	GMV-12-12S	12 TB SSD Storage Capacity, Intel High-Performance CPU cores:12	\$34,551.64
		Cool Green Cooling	
132 8	GMC-10	Liquid cooling option for GMX-10 chassis	\$34,665.37
132 8	GMC-20	Liquid cooling option for dual GMX-10 chassis	\$67,597.24

132 8	GMC-40	Liquid cooling option for quad GMX-10 chassis	\$131,052.74
132 8	GMC-80	Liquid cooling option for GMX-80 chassis	\$255,553.87
	Note 6: Does not include permits, labor, material, etc. for plumbing to outside of building		
		Mobile Cloud Pods (GMP)	
		<p><i>GreenTec Mobile Cloud Pods provide the ultimate in high-performance and low-energy packed into a small, mobile, ruggedized pod allowing your cloud applications to be deployed in data centers, small office spaces and in challenging remote areas. Various Cloud Building Blocks are selected from Processor, Storage, Video, Sensor and Power Blocks as well as Green Ninja, Video Wizard and Cool Green systems to provide mission critical support for your cloud applications, data collection, analysis, processing, dissemination, high-performance computing and protection of your sensitive data. Includes monitored power distribution system with LED power usage readout.</i></p>	
132 8	GMP-8	8U Mobile Cloud Pod with monitored power LED display	\$3,148.86
132 8	GMP-10	10U Mobile Cloud Pod with monitored power LED display	\$3,976.82
132 8	GMP-12	12U Mobile Cloud Pod with two monitored power LED displays	\$6,155.66
132 8	GMP-14	14U Mobile Cloud Pod with two monitored power LED displays	\$7,136.14

Note 7: Mobile Data Center Pods model format is "GMP-u" where: u=number of standard rack units (U). Various compute, storage, video and networking options are available.

Note 8: All GSA prices are FOB destination.

Note 9: All weights shown are estimated.