GENERAL SERVICES ADMINISTRATION
FEDERAL ACQUISITION SERVICE
AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST

Multiple Award Schedule (MAS)

SIN 54151S – Information Technology Professional Services
SIN OLM – Order-Level Materials (OLMs)

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CONTRACT NUMBER: GS35F0126W

CONTRACT PERIOD: December 1, 2019 – November 30, 2024

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!®, a menu-driven database system. The INTERNET address GSA Advantage!® is: GSAAAdvantage.gov. For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at gsa.gov/fas.
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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.fss.gsa.gov) contain information on a broad array of products and services offered by small business concerns.

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

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

1. GEOGRAPHIC SCOPE OF CONTRACT:

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

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

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

2. CONTRACTOR’S ORDERING ADDRESS AND PAYMENT INFORMATION:

353 MIDDLESEX ROAD,
TYNGSBORO, MA 01879

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 will not 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:
3. LIABILITY FOR INJURY OR DAMAGE

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

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

Block 9: G. Order/Modification Under Federal Schedule
Block 16: Data Universal Numbering System (DUNS) Number: 058004222
Block 30: Type of Contractor - A
   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 36: Contractor's Taxpayer Identification Number (TIN): 04-3408434

4a. CAGE Code: 1YKU5
4b. Contractor has registered with the System for Award Management Database (SAM).

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).

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.

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

   a. Prompt Payment: NET 30 DAYS
   b. Quantity: NONE
   c. Dollar Volume: NONE
   d. Government Educational Institutions: NONE
   e. Other
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 $100.00

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

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

      Special Item Number 54151S - 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.
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.

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. IE, Firefox, Edge). 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:

NOT APPLICABLE

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.

23. SECTION 508 COMPLIANCE.

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

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)
1. **SCOPE**
   a. The prices, terms and conditions stated under Special Item Number 54151S Information Technology Professional Services apply exclusively to IT and Cloud 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.

   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

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.
    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**
Please refer to the labor category descriptions and pricing incorporated into this GSA Pricelist.
LABOR CATEGORY DESCRIPTIONS

Project Manager

Under general supervision, responsible for all aspects of project performance (i.e., technical, contractual, administrative, financial). Manages and supervises personnel involved in all aspects of project activity, organizes and assigns responsibilities to subordinates, and oversees the successful completion of all assigned tasks. Six years of experience providing management and technical direction to project personnel.

Enterprise Architect

Responsible for all aspects of the development and maintenance of assigned enterprise architecture project and takes project from planning through final delivery. Interfaces with all areas affected by the project including end users, computer services, and client services. Defines project scope and objectives and develops detailed work plans, schedules, project estimates, resource plans, and status reports. Conducts project meetings and is responsible for project tracking and analysis. Leads a group of engineers, architects, and analysts and ensures adherence to quality standards and reviews enterprise architecture deliverables. Provides technical and analytical guidance to enterprise architecture team. Directs and participates in high-level enterprise architecture analysis, evaluation, design, integration, documentation, and development. Applies high-level business and technical principles and methods to very difficult technical problems to arrive at creative engineering solutions. Recommends and takes action to direct the analysis and solutions of problems.

Software Architect

Works independently designing and developing new software products or major enhancements to existing software. May lead a large development team in design of highly complex software systems. Acts as highest-level technical expert, addressing problems of systems integration, compatibility, and multiple platforms. Responsible for project completion. Performs feasibility analysis on potential future projects to management.

Database Architect

Works in a data warehouse environment that includes data design, database architecture, metadata and repository creation. Translates business needs into long-term architecture solutions. Defines, designs, and builds dimensional databases. Responsible for developing data warehousing blueprints, evaluating hardware and software platforms, and integrating systems. Evaluates reusability of current data for additional analyses. Conducts data cleaning to rid the system of old, unused, or duplicate data. Reviews object and data models and the metadata repository to structure the data for better management and quicker access.

Database Analyst / Programmer

Under general direction, designs, implements and maintains complex databases with respect to JCL, access methods, access time, device allocation, validation checks, organization, protection and security, documentation, and statistical methods. Includes maintenance of database dictionaries, overall monitoring of standards and procedures, and integration of systems through database design. Competent to work at the highest level of all phases of database management.

Computer Software Developer

Under general direction, participates as high-level technical expert in design development, coding, testing, and debugging new software or significant enhancements to existing software. Works with technical staff to understand problems with software and develops specifications to resolve them. Resolves customer complaints and responds to suggestions for improvements and enhancements. Participates in the development of software user manuals. May act as team leader on less complex projects. Assists in training less experienced software development staff. Requires five years experience in the field.
Systems Analyst / Programmer

Formulates/defines system scope and objectives for assigned projects. Devises or modifies procedures to solve complex problems considering computer equipment capacity and limitations, operating time and form of desired results. Prepares detailed specifications from which programs will be written. Responsible for program design, coding, testing, debugging and documentation. Has full technical knowledge of all phases of applications systems analysis and programming. Has good understanding of the business or function of which applications is designed. Also has duties of instructing, directing and checking the work of other systems analysis and programming personnel. Responsible for quality assurance review. Responsible for directing and monitoring the work of team members. Responsible for project completion and user satisfaction.

QA Analyst

Under general supervision, carries out procedures to ensure that all information systems products and services meet minimum organization standards and end-user requirements. Thoroughly tests software to ensure proper operation and freedom from defects. Documents and works to resolve all problems. Reports progress on problem resolution to management. Devises improvements to current procedures and develops models of possible future configurations. Performs workflow analysis and recommends quality improvements.

Information Services Consultant

Top-level technical expert supporting unlimited end user groups. Works with user groups to solve business problems with available technology including hardware, software, databases, and peripherals. Requires high level of diverse technical experience related to studying and analyzing systems needs, systems development, systems process analysis, design, and re-engineering. Has skills and experience related to business management, systems engineering, operations research, and management engineering. Typically requires specialization in particular software or business application utilized in an end user environment. Keeps abreast of technological developments and applications

Web Developer

Under general direction, designs, develops, troubleshoots, debugs, and implements software code (such as HTML, CGI, and JavaScript) for a component of the website. Works with graphic designers and other members of a project team to develop the site concept, interface design, and architecture of the website. Responsible for interface implementation. Integrates web applications with backend databases. Deploys large web-based transaction systems using application servers. Researches, tests, builds, and coordinates the integration of new products per production and client requirements. Requires strong navigation and site-design instincts.

ERP Analyst

Under general direction, serves as senior subject matter expert associated with content, processes and procedures associated with ERP. Defines the detailed requirements, analyzes the business needs, and validates solutions with the client. Details requirements through the product development and other functions to support the project team. Monitors other business analysts in software development methods and processes and implementation of those methods. Evaluates development projects and assists in tailoring the development process to meet the project needs.

ERP Programmer

Works primarily in ERP client/server enterprise applications. Designs and develops all aspects of data conversion. Builds application tables, panels and reports. Codes individual modules and complex functions. Develops application tables, panels and reports for projects. Responsible for software integration and external interface development. Troubleshoots and resolves testing issues. Responsible for technical documentation.
LAN Administrator

Administers day-to-day operations of a LAN. Provides integrated team support and maintenance of LAN hardware and software. Studies vendor products to determine those which best meet needs and assists in presentation of information to management resulting in purchase and installation of hardware, software and modem/communications equipment. Performs LAN security procedures, including implementing login requests. Evaluates new products/technologies to determine impact on existing system configurations. Prepares proposals, cost/benefit analyses, and feasibility studies. Provides liaison support between the PC/LAN team, vendors and other IT groups as needed.

Network Administrator

Under general supervision, responsible for the acquisition, installation, maintenance, and usage of the organization's local area network. Manages network performance and maintains network security. Ensures that security procedures are implemented and enforced. Installs all network software. Evaluates, develops and maintains telecommunications systems. Troubleshoots network problems. Establishes and implements network policies, procedures, and standards and ensures their conformance with information systems and organization objectives. Trains users on network operation.

Sr Network Engineer

Under minimum supervision, monitors network hardware operations to ensure properly set configuration options. Plans implementation of enhancements and upgrades to the network; performs cost/benefit studies of network configurations and recommends enhancements; directs the acquisition, installation, and testing of network hardware; advises network users of hardware requirements, configurations, and limitations; and isolates, resolves, or circumvents network problems. Three years of experience analyzing, identifying, and resolving complex network hardware, circuit, and transmission logic problems. Must be familiar with the principles of assessing and analyzing network transmission application to resolve reported malfunctions.

Systems Administrator

Under general direction, responsible for activities related to system administration. Assigns personnel to various projects, directs their activities, and evaluates their work. Ensures long-term requirements of systems operations and administration are included in the overall information systems planning of the organization. Responsible for the installation, maintenance, configuration, and integrity of computer software. Implements operating system enhancements that will improve the reliability and performance of the system.

Data Warehouse Analyst

Works in a data warehouse environment that includes data design, database architecture, metadata and repository creation. Reviews data loaded into the data warehouse for accuracy. Responsible for the development, maintenance and support of an enterprise data warehouse system and corresponding data marts. Troubleshoots and tunes existing data warehouse applications. Conducts research into new data warehouse applications and determines viability for adoption. Assists in establishing development standards. Evaluates existing subject areas stored in the data warehouse. Incorporated existing subject areas into an enterprise model. Creates new or enhanced components of the data warehouse.

Data Warehouse Admin

Under general supervision, coordinates the data administration technical function for both data warehouse development and maintenance. Plans and oversees the technical transitions between development, testing, and production phases of the workplace. Facilitates change control, problem management, and communication among data architects, programmers, analysts, and engineers. Establishes and enforces processes to ensure a consistent, well managed, and well-integrated data warehouse infrastructure. Expands and improves data warehouse to include data from all functions of the organization using data manipulation, transformation, and cleansing tools.
Data Warehouse Programmer

Under general supervision, responsible for product support and maintenance of the data warehouse. Performs data warehouse design and construction. Codes and documents scripts and stored procedures. Designs and implements data strategy methods. Develops appropriate programs and systems documentation. Assists with metadata repository management. Prepares and implements data verification and testing methods for the data warehouse. Creates index and view scripts.

Database Administrator

Participates in the design, creation, and maintenance of computerized databases. Responsible for the quality control and auditing of databases to ensure accurate and appropriate use of data. Works with management to develop database strategies to support organization requirements. Consults with and advises users on access to various databases. Works directly with users to resolve data conflicts and inappropriate data usage. Directs the maintenance and use of the corporate data dictionary.

EDI Specialist

Provides support for EDI database analysis, design, and operations. Establishes and maintains communications within organization and with partners. Conducts and manages product evaluations. Provides product installation, configuration, and training. Performs systems maintenance to update records, specifications, and operating procedures of partner systems. Maintains EDI account transaction activities. Frequently reports to an Electronic Data Interchange Manager.

Applications Programmer

Under general direction, devises or modifies procedures to solve complex problems considering computer equipment capacity and limitations, operating time and form of desired results. Designs, codes, tests, debugs and documents those programs. Competent to work at the highest technical level of all phases of applications programming activities.

Software Systems Engineer

Under general direction, formulates and defines specifications for complex operating software programming applications or modifies/maintains complex existing applications using engineering releases and utilities from the manufacturer. Designs, codes, tests, debugs, and documents those programs. Responsible for applications dealing with the overall operating system, such as sophisticated file maintenance routines, large telecommunications networks, computer accounting, and advanced mathematical/scientific software packages. Competent to work at this highest technical level on all phases of software systems programming applications. May have responsibility for the evaluation of new and existing software products. May assist other systems programmers to effectively utilize the system’s technical software.

Business Systems Analyst

Formulates and defines systems scope and objectives based on both user needs and a thorough understanding of business systems and industry requirements. Devises or modifies procedures to solve complex problems considering computer equipment capacity and limitations, operation time, and form of desired results. Includes analysis of business and user needs, documentation of requirements, and translation into proper system requirement specifications. Not only possesses full technical knowledge of most phases of systems analysis, but also considers the business implications of the application of technology to the current and future business environment.
Web Designer

Under general supervision, designs and develops user interface features, site animation, and special effects elements. Contributes to the design group's efforts to enhance the look and feel of the organization's online offerings. Designs the website to support the organization's strategies and goals relative to external communications. Develops applications based on current, new and future net-based applications. Requires significant graphics and design experience as well as HTML knowledge.

Web Project Analyst

Serves as project Analyst of a development team responsible for planning, developing, and deploying websites including preparation of text, graphics, audio, and video for web pages. Works directly with partners and clients to determine project scope and specifications. Coordinates the work of design and development teams to implement online designs. Reviews progress, manages resources, and ensures overall quality of completed website. Typically requires experience in management and understanding of web technologies.

Network Security Engineer

Analyzes and defines security requirements for local and wide area networks. Designs, develops, engineers, and implements solutions that meet network security requirements. Responsible for integration and implementation of the network security solution. Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle. At least 5 years of experience in defining network security requirements for local and wide area networks, evaluation of approved network security product capabilities, configuring standard communications protocols, detecting and analyzing network vulnerabilities, and developing proper computer system security solutions.

Programmer Analyst

Under general direction, designs, implements, and maintains complex databases in a client/server environment with respect to access methods, access time, validation checks, organization, security, documentation, and statistical methods. Involved with the design of the databases and working with the users to develop specifications. Includes maintenance of database dictionaries, overall monitoring and standard procedures, and integration of systems through client/server database design. Competent to work at the highest level of all phases of client/server database management.

Computer Systems Engineer

Under general supervision, performs high-level systems analysis, evaluation, design, integration, documentation, and implementation of very complex application that require a thorough knowledge of administrative and technical skills. Directs and participates in all phases of system development with emphasis on planning, analysis, evaluation, integration, testing and acceptance phases (IV&V and DT&E). Applies higher-level business or technical principles and methods to very difficult technical problems to arrive at automated engineering solution.

QA Manager

Must be capable of maintaining and establishing a process for evaluating software and associated documentation. Must be able to determine the resources required for information technology quality control. Must be able to maintain the level of quality throughout the software life cycle. Develops software quality assurance plans. Conducts formal and informal reviews at predetermined points throughout the development life cycle. At least 3 years of experience in verification and validation, software testing and integration, and software metrics, and their application to software quality assessment.
Network Specialist

Analyzes and defines security requirements for local and wide area networks. Designs, develops, engineers, and implements solutions that meet network security requirements. Responsible for integration and implementation of the network security solution. Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle. At least 5 years of experience in defining network security requirements for local and wide area networks, evaluation of approved network security product capabilities, configuring standard communications protocols, detecting and analyzing network vulnerabilities, and developing proper computer system security solutions.

Business Process Analyst

Applies process improvement and reengineering methodologies and principles to conducting process modernization projects. Duties include activity and data modeling, developing modern business methods, identifying best practices, and creating and assessing performance measurements. Provides group facilitation, interviewing, training, and other forms of knowledge transfer. May be under the supervision and direction of a Principal Business Process Reengineering Specialist or may work independently. At least 5 years of specialized experience, which may include facilitation, training, methodology development and evaluation, process reengineering across all phases, identifying best practices, change management, business management techniques, organizational development, activity and data modeling, or information system development methods and practices, and supervision of business process reengineers.

Security Analyst

Under general direction, performs all procedures necessary to ensure the safety of information systems and to protect systems from intentional or inadvertent access or destruction. Interfaces with user community to understand their security needs and implements procedures to accommodate them. Ensures that user community understands and adheres to necessary procedures to maintain security. May require familiarity with domain structures, user authentication, and digital signatures. Conducts accurate evaluation of the level of security required. May require understanding of firewall theory and configuration. Must be able to weigh business needs against security concerns and articulate issues to management. Reviews, plans, and evaluates network systems. May troubleshoot network systems and recommend improvements to network. Provides documentation/project tracking and management reporting. Provides tactical and strategic input on overall network planning and related projects.

Sr QA Analyst

Under general direction, carries out procedures to ensure that all information systems products and services meet organization standards and end-user requirements. Performs and leads tests of software to ensure proper operation and freedom from defects. May create test data for applications. Documents and works to resolve all complex problems. Reports progress on problem resolution to management. Devises improvements to current procedures and develops models of possible future configurations. Acts as information resource about assigned areas.

Client/Server Network Architect

Top-level technical expert responsible for design and development of a client/server environment. Develops strategy of client/server system and the design infrastructure necessary to support that strategy. Advises on selection of technological purchases with regards to processing, data storage, data access, and applications development. Sets standards for the client/server relational database structure for the organization (SQL, ORACLE, SYBASE, etc.). Advises of feasibility of potential future projects to management.
Software Engineer

Under general direction, conducts or participates in multidisciplinary research and collaborates with equipment designers and/or hardware engineers in the planning, design, development, and utilization of electronic data processing systems software. Determines computer user needs; advises hardware designers on machine characteristics that affect software systems such as storage capacity, processing speed, and input/output requirements; designs and develops compilers and assemblers, utility programs, and operating systems. B.A. or B.S. degree or 3 years of equivalent experience in a related field.

Subject Matter Expert

Well-read and published in subject field. Recognized as bona fide expert. Provides highest-level functional expertise. Analyzes complex problems, makes recommendations, develops alternative solutions and draft and executes implementation plan. Converses with and provides assistance to highest levels of corporate and government management. Requires bachelor’s degree in field relative to area of expertise, masters preferred plus ten years professional expertise of which at least ten years experience is directly relative to subject matter. One additional year of relevant experience can be substituted for each year of education shortfall.

Computer Systems Analyst

Analyzes and develops computer software possessing a wide range of capabilities, including numerous engineering, business, and record management duties. Develops plans for IT systems from project inception to conclusion. Analyzes the problem and the information to be processed. Defines the problem and develops system requirements and program specifications from which programmers prepare detailed flowcharts, programs, and tests. Closely coordinates with programmers to ensure proper implementation of program and system specifications. In conjunction with functional users, develops system alternative solutions. Must have 5 years of computer experience in information systems design and management. Must demonstrate an ability to work independently, or under only general direction, on requirements that are moderately complex to analyze, plan, program, and implement.

Sr Systems Administrator

Under general direction, responsible for activities related to system administration. Assigns personnel to various projects, directs their activities, and evaluates their work. Ensures long-term requirements of systems operations and administration are included in the overall information systems planning of the organization. Responsible for the installation, maintenance, configuration, and integrity of computer software. Implements operating system enhancements that will improve the reliability and performance of the system.

Computer Programmer I

Must be capable of using third- and fourth-generation or current state-of-the-art IT equipment and languages to develop and prepare diagrammatic plans for solution of business, management, communications, tactical, and strategic problems. Must be able to design detailed programs, flowcharts, and diagrams showing the mathematical computations and the sequence of machine operations necessary to copy and process data and print results. Must be able to verify the accuracy and completeness of programs and systems by preparing sample representative data and perform testing by means of cycle and system processing. Must have 8 years of programming experience in software development or maintenance.

Computer Programmer II

Under general supervision, performs high-level systems analysis, evaluation, design, integration, documentation, and implementation of very complex application that require a thorough knowledge of administrative and technical skills. Directs and participates in all phases of system development with emphasis on planning, analysis, evaluation, integration, testing and acceptance phases (IV&V and DT&E). Applies higher-level business or technical principles and methods to very difficult technical problems to arrive at automated engineering solution.
**Jr. Programmer Analyst**

Must be able to translate applications requirements into web-based solutions using available technology. Must be able to apply new and emerging technologies to the software development process. Must have 2 years of computer experience in at least two of the following disciplines: systems analysis, systems programming, application programming, and equipment analysis.

**Jr Web Developer**

Designs, develops, troubleshoots, debugs, and implements software code (such as HTML, CGI, and JavaScript) for a component of the website. Works with graphic designers and other members of a project team to develop the site concept, interface design, and architecture of the website. Responsible for interface implementation. Integrates web applications with backend databases. Deploys large web-based transaction systems using application servers. Researches, tests, builds, and coordinates the integration of new products per production and client requirements. Requires strong navigation and site-design instincts. Requires development experience in web-based languages

**Sr Software Developer**

Under general direction, conducts or participates in multidisciplinary research and collaborates with equipment designers and/or hardware engineers in the planning, design, development, and utilization of electronic data processing systems software. Determines computer user needs; advises hardware designers on machine characteristics that affect software systems such as storage capacity, processing speed, and input/output requirements; designs and develops compilers and assemblers, utility programs, and operating systems.

**SYSTEMS ENGINEER / ARCHITECT:**

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. 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 Information Management (IM) solution of the application platform, across the application program interface (API), and the external environment/software application. Ensures that the common operating environment is TAFIM compliant. Evaluates analytically and systematically problems of workflows, organization, and planning and develops appropriate corrective action. May require a master's degree; at least 5-12 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. May lead and direct the work of others. May report to a supervisor or manager.

**FUNCTIONAL SUBJECT MATTER SPECIALIST:**

Works on complex application problems involving all phases of systems analysis to provide solutions. Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Provides technical support for software development and integration tasks, including review of work products for correctness, adherence to the design concept and to user standards. Utilize functional area expertise gained through direct industry experience to assess the operational and functional baseline of an organization and its organizational components. Guide the determination of information technology inadequacies and/or deficiencies that affect the functional area’s ability to support/meet organizational goals. Generate functional area strategies for enhanced IT operations in a cross-functional area mode throughout the organization. May require a master's degree; at least 5-12 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. May lead and direct the work of others. May report to a supervisor or manager.

**TECHNICAL SUBJECT MATTER SPECIALIST:**
Provides technical knowledge and analysis of highly specialized applications and operational environment, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems which require graduate level knowledge of the subject matter for effective implementation. Applies principles, methods and knowledge of the functional area of expertise to specific task order requirements, advanced mathematical principles and methods to exceptionally difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions. Designs and prepares technical reports, studies, and related documentation, makes charts and graphs to record results. Prepares and delivers presentations and briefings as required by the task order. Technical support includes technical advice on security requirements for highly specialized IT applications, technical report preparation or other services as required by the task order. May require a master's degree; at least 5-12 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. May report to a supervisor or manager.

SENIOR ANALYST/SME:
Formulates/defines system scope and objectives for assigned projects. Devises or modifies procedures to solve complex problems considering computer equipment capacity and limitations, operating time and form of desired results. Prepares detailed specifications from which programs will be written. Responsible for program design, coding, testing, debugging and documentation. Has full technical knowledge of all phases of applications systems analysis and programming. Has good understanding of the business or function for which applications are designed. May require a master's degree; at least 5-12 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. May lead and direct the work of others. May report to a supervisor or manager.

SENIOR CONSULTANT:
Provides technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and progress in accordance with schedules. Incumbent must be able to coordinate with the Program Manager to ensure solutions problems and user satisfaction. Makes recommendations, if needed, for approval of major systems installations. Prepares milestone status reports and deliveries and presentations on the system concept to colleagues, subordinates, and end user representatives. Provides daily supervision and direction to support staff. May require a master's degree; at least 5-12 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. May lead and direct the work of others. May report to a supervisor or manager.

SENIOR ASSOCIATE:
Develops, plans, organizes and leads major consulting assignments as well as those requiring a high degree of creativity. Determines objectives and methodology; selects and assigns staff; establishes and monitors schedules and progress, taking corrective action as necessary. Responsible for multiple project output and deliverables. May function as a technical expert on own or other assignments. Responsible for project financial management. May require a master's degree; at least 5-12 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. May lead and direct the work of others. May report to a supervisor or manager.

SOFTWARE APPLICATIONS SPECIALIST:
Analyzes functional business applications and design specifications for functional areas such as finance, accounting, personnel, manpower, logistics, and contracts. Develops block diagrams and logic flowcharts. 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 and improve efficiency. Provides technical direction to programmers, as required, to ensure that program deadlines are met. May require a master's degree; at least 5-12 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. May lead and direct the work of others. May report to a supervisor or manager.
MANAGEMENT ANALYST:
Develops, analyzes, evaluates, advises on, and/or improves the effectiveness of work methods and procedures, organizations, manpower utilization, distribution of work assignments, delegations of authority, management controls, information and documentation systems, and similar functions of management. May require a master's degree; at least 5-12 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. May lead and direct the work of others. May report to a supervisor or manager.

SYSTEMS ENGINEER / ADMINISTRATOR:
Performs a variety of complex project tasks applied to specialized technology problems. Tasks involve integration of electronic processes or methodologies to resolve total system problems or technology problems. Applies analytical and systematic approaches in the resolution of problems of work flow, organization, and planning. Development of software on UNIX platforms. Strong customer support service experience. Experience working in a team environment, Familiarity with electronic publishing and structured authoring software. Comfort in working with advanced computer hardware and software technology and databases. Undergraduate, graduate degree or official system engineer certification in Computer Science field or at least five years of systems engineering experience without a specified degree

BUSINESS PROCESS ENGINEER:
Applies process improvement and engineering methodologies and principles to conduct process modernization projects. Researches, collects, and verifies data and translates it into knowledge for use in public policies and regulations. Responsible for effective transitioning of existing project teams, and the facilitation of project teams in the accomplishment of project activities and objectives. Provides group facilitation, interviewing, training, and provides additional forms of knowledge transfer. Key coordinator between multiple project teams to ensure enterprise-wide integration of reengineering efforts. At least 5-12 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. May lead and direct the work of others. May report to a supervisor or manager

RESOURCE MANAGER:
Formulates/defines system scope and objectives for assigned projects. Devises or modifies procedures to solve complex problems considering computer equipment capacity and limitations, operating time and form of desired results. Prepares detailed specifications from which programs will be written. Responsible for program design, coding, testing, debugging and documentation. Has full technical knowledge of all phases of applications systems analysis and programming. Has good understanding of the business or function for which applications are designed. Ensuring cohesive agency-wide program development. May require a master's degree; at least 5-12 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. May lead and direct the work of others. May report to a supervisor or manager.

SECURITY ADMINISTRATOR:
Performs administration functions related to operating a secured facility, including classified document control, publication distribution, classification management and processing, coordination with Government Task Manager's and the Contractor's Program Manager. Provides security related audit support during the development of software and hardware. Conducts preliminary reviews of computer use and makes recommendations to management personnel regarding security needs for effective operations. May require a master's degree; at least 5-12 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. May lead and direct the work of others. May report to a supervisor or manager.
SR. PRINCIPAL CONSULTANT:

Leads multiple client programs/projects and develops recommendations. Proficiently applies consulting methodologies to collect and analyze data. Leads the development of programs and the implementation of solutions to meet client’s business needs. Applies extensive knowledge of client’s industry to meet the objectives of the engagement. Coordinates planning the engagement, establishing the engagement requirements, managing the costs of the engagement, and delivering the results to the client. May require a Master's Degree and have over 10 years of experience in providing consulting services and an additional 5 years spent at a manager level or above within industry. Has demonstrated experience in both architecting and delivering value propositions that are consistent with the strategic direction of an organization or agency.
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