On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through GSA Advantage!, a menu-driven database system. The INTERNET address for GSA Advantage! is http://www.gsaadvantage.gov

SCHEDULE TITLE: IT Schedule 70 – GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY EQUIPMENT, SOFTWARE, AND SERVICES

CONTRACT NUMBER: GS-35F-299AA

CONTRACT PERIOD: April 15, 2018 – April 14, 2023

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at www.fss.gsa.gov

CONTRACTOR: MSYS, INC.
1025 Connecticut Ave, NW Suite 1000
Washington, DC 20036
CAGE Code: 4AJP3 • DUNS: 016089844
RAJ THIYAGARAJAN
Phone: 919-380-9783
Fax: 510-280-7352
E-mail: bw@msysinc.com
Web: www.msysinc.com

CONTRACTOR’S ADMINISTRATION SOURCE:
MSYS, INC.
1025 Connecticut Ave, NW Suite 1000
Washington, DC 20036
CAGE Code: 4AJP3 • DUNS: 016089844
RAJ THIYAGARAJAN
Phone: 919-380-9783
Fax: 510-280-7352
E-mail: bw@msysinc.com

BUSINESS SIZE: Small

CUSTOMER INFORMATION:

1a. TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINs)
SIN DESCRIPTION

132-51 INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES

1b. LOWEST PRICED MODEL NUMBER AND PRICE FOR EACH SIN:
(Government price based on a unit of one)

| Junior Program Analyst | $57.43 |

1c. Hourly Rates: (Job Title, Experience, Functional Responsibility, Education)
See attached pricelist

2. MAXIMUM ORDER*: $500,000/per Order

*If the best value selection places your order over the Maximum Order identified in this catalog/price list, you have an opportunity to obtain a better schedule contract price. Before placing your order, contact the aforementioned contactor for a better price. The contractor may (1) offer a new price for this requirement (2) offer the lowest price available under this contract or (3) decline the order. A delivery order that exceeds the maximum order may be placed under the schedule contract in accordance with FAR 8.404.

3. MINIMUM ORDER: $100.00

4. GEOGRAPHIC COVERAGE: 50 United States; District of Columbia; Puerto Rico

5. POINT(S) OF PRODUCTION: N/A – Professional & Subscription Services Only

6. TERMS REGARDING MANUFACTURERS’ END-USER LICENSE AGREEMENTS (FOR SOFTWARE ONLY): This contract, or the warranties guaranteed hereunder, is in no way affected, altered, or modified by any Manufacturer End-User License Agreement, unless the Contracting Officer has expressly incorporated a “Government” User End Licensing Agreement into the Contract. The terms of any “Commercial, Special or Other” user licensing agreement that has not been officially incorporated herein are applicable only to the Contractor-Manufacturer relationship, and do not alter the Government’s rights or the Contractor’s obligations under this contract.

7. BASIS OF AWARD CONTRACT TERMS: GSA Net Prices are shown on the attached GSA Pricelist. Negotiated discount has been applied and the IFF has been added.

- Quantity/Volume Discount: None

8. PROMPT PAYMENT TERMS: ½% - 20 days from receipt of invoice or date of acceptance, whichever is later

9.a. Government Purchase Cards are accepted at or below the micro-purchase threshold.

9.b. Government Purchase Cards are accepted above the micro-purchase threshold.

10. FOREIGN ITEMS/TRADE AGREEMENTS ACT COMPLIANCE: None; the items herein are TAA Compliant. The information used by the Contracting Officer to make this
determination was provided by the vendor and verified using all information available to the Government.

11a. **TIME OF DELIVERY:** As negotiated with ordering activity

11b. **EXPEDITED DELIVERY:** As negotiated with ordering activity

11c. **OVERNIGHT AND 2-DAY DELIVERY:** As negotiated with ordering activity

11d. **URGENT REQUIREMENTS:** Agencies can contact the Contractor’s representative to affect a faster delivery. Customers are encouraged to contact the contractor for the purpose of requesting accelerated delivery.

12. **FOB POINT:** Destination

   Note: All travel required in the performance of this contract and orders placed hereunder must comply with the Federal Travel Regulations (FTR) or Joint Travel Regulations (JTR), 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. The contractor shall not add the Industrial Funding Fee onto travel costs. (FOB Terms noted above)

13a. **ORDERING ADDRESS:**
    1025 Connecticut Ave, NW Suite 1000
    Washington, DC 20036

13b. **ORDERING PROCEDURES:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA’s) are found in Federal Acquisition Regulation (FAR) 8.405-3.

14. **PAYMENT ADDRESS:**
    1025 Connecticut Ave, NW Suite 1000
    Washington, DC 20036

15. **WARRANTY PROVISION:** None

16. **EXPORT PACKING CHARGES:** Not applicable.

17. **TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE:** Accepted at or below the micro-purchase level.

18. **TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE):** Not applicable.

19. **TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE):** Not applicable.

20a. **TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF AVAILABLE):** Not applicable.

20b. **TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE):** Not applicable.
21. LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE): Not applicable.

22. LIST OF PARTICIPATING DEALERS (IF APPLICABLE): Not applicable.

23. PREVENTIVE MAINTENANCE (IF APPLICABLE): Not applicable.

24a. SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g. recycled content, energy efficiency, and/or reduced pollutants): Not applicable.

24b. Section 508 Compliance for EIT: www.msysinc.com

25. DUNS NUMBER: 016089844

26. NOTIFICATION REGARDING REGISTRATION IN SAM: Contractor is registered and valid in SAM
1. SCOPE
a. The prices, terms and conditions stated under Special Item Number 132-51 Information Technology Professional Services apply exclusively to IT/IAM 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/IAM 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/IAM Professional Services.

9. INDEPENDENT CONTRACTOR

All IT/IAM 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/IAM 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/IAM PROFESSIONAL SERVICES AND PRICING

See the labor categories and pricing, set forth below.
<table>
<thead>
<tr>
<th>Job title</th>
<th>Educational Qualifications</th>
<th>Experience</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Junior Programmer Analyst</td>
<td>BS in EE or Computer Science</td>
<td>4 Years</td>
<td>Develop, debug and implement computer programs in different programming</td>
</tr>
<tr>
<td></td>
<td>or equivalent</td>
<td></td>
<td>languages. Involve in the data base interface development.</td>
</tr>
<tr>
<td>Senior Programmer Analyst</td>
<td>BS in EE or Computer Science</td>
<td>5 Years</td>
<td>Mentor programmers in a team. Define project and database specifications.</td>
</tr>
<tr>
<td></td>
<td>or equivalent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Junior Systems Analyst</td>
<td>BS in EE or Computer Science</td>
<td>4 Years</td>
<td>Provides a full spectrum of systems engineering, technical services and</td>
</tr>
<tr>
<td></td>
<td>or equivalent</td>
<td></td>
<td>ordnance systems to our customers in disciplines essential for successful</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>systems development, operation, and maintenance.</td>
</tr>
<tr>
<td>Senior Systems Analyst</td>
<td>BS in EE or Computer Science</td>
<td>5 Years</td>
<td>Perform a variety of complex duties in the analysis, design, programming,</td>
</tr>
<tr>
<td></td>
<td>or equivalent</td>
<td></td>
<td>testing, implementation and maintenance of administrative and instructional</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>support systems. Provide departments and personnel with information</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>technology and procedural solutions to support specific functionality</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>requirements</td>
</tr>
<tr>
<td>Junior Program Analyst</td>
<td>BS in EE or Computer Science</td>
<td>5 Years</td>
<td>Managing the recruitment and coordinating with the Project Managers and</td>
</tr>
<tr>
<td></td>
<td>or equivalent</td>
<td></td>
<td>Program Managers for the training, Coordinating with the Legal Assistants.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Interacting with the key accounts of the company to secure the orders.</td>
</tr>
<tr>
<td>Role</td>
<td>Education</td>
<td>Experience</td>
<td>Responsibilities</td>
</tr>
<tr>
<td>----------------------</td>
<td>------------------------------------------------</td>
<td>---------------------------------</td>
<td>----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Senior Program</td>
<td>BS in EE or Computer Science or equivalent</td>
<td>5 plus Years</td>
<td>Manage the project with multiple senior programmers and programmers. Interact with the customer on a daily basis and develop task lists for the team.</td>
</tr>
<tr>
<td>Analyst</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Project Manager      | Bachelor’s degree from an accredited college or university in Project Management, Computer Science, Information Systems, Engineering, Business, or other related discipline | A minimum of seven (7) years of professional work experience as a Project Manager | With direct coordination with Government personnel, the role of the Project Manager is to assist in the planning, execution, and finalization of the project according to deadlines and within budget. This includes defining resources and help coordinating the efforts of team members. Experience, expertise and educational requirements:  
  • Partners with business and program area staff to define project scope, goals and deliverables that support business goals in collaboration with senior management and stakeholders.  
  • Directs and manages an IT team of professionals in the development and production support activities of IT application system solutions.  
  • Develops project plans and associated communications documents.  
  • Ensures that project meets customer requirements in terms of schedule, budget, and product quality.  
  • Defines project |
resource and schedule estimates.
• Creates and executes project work plans, and revises as appropriate to meet changing needs and requirements.
• Defines team member tasks, and creates and maintains project task lists with staff resource allocations and timelines.
• Coordinates and integrates project activities.
• Monitors project activities and resources to mitigate risk.
• Manages day-to-day operational aspects of a project.
• Reviews and approves work products and project deliverables.
• Makes improvements, solves problems, or takes corrective action when problems arise.
• Ensures that project management and application development procedures, processes, activities, and project artifacts comply with organizational methodologies and industry best practices.
• Conducts project presentations or briefings.
• Tracks and monitors project milestones and deliverables.
• Communicates project status to stakeholder community.
| Senior Functional Analyst | Bachelor’s degree from an accredited university | At least three (3) of the seven (7) years of experience | Analyzes and develops computer systems applications | Identifies and manages project dependencies. | Develops and delivers progress reports, proposals, and other related project management artifacts. | Manages changes in project scope, identifies potential crises, and creates contingency plans. | Demonstrates a strong knowledge of IT project management fundamentals, principles, methods, and techniques. | Demonstrates a strong knowledge of IT project management processes and procedures. | Demonstrates ability to plan, organize, and manage projects including determining project objectives, establishing plans and schedules, setting priorities, overseeing project activities, identifying and managing risks, ensuring efficient use of assigned resources, and communicating with customers, and accounting for results. | Demonstrates excellent communication (oral, written, presentation) skills. | Demonstrates strong organizational and interpersonal skills (relationships, negotiation, etc.) |
college or university. must reflect current technologies and have occurred within the last five (5) calendar years.

- Develops plans for automated information systems from project inception to conclusion.
- Analyzes user interfaces; maintains hardware and software performance tuning; analyzes workload and computer usage; maintains interfaces with outside systems; analyzes downtimes; and analyzes proposed system modifications, upgrades and new COTS.
- Analyzes the problem and the information to be processed.
- Defines the problem, and develops system requirements and program specifications from which the Senior IT Specialist or other staff can prepare detailed flow charts, programs, and tests.
- Coordinates closely with other developers to ensure proper implementation of program and system specifications.
- Develops, in conjunction with functional users, system alternative solutions. Assists and/or performs quality assurance...
| Business Analyst | Bachelor's degree in Information Systems, Information Technology, Computer Science, Engineering or a related field from an accredited college or university. | A minimum of seven (7) years of progressive experience in performing computer programming and systems analysis in broad-based Information Technology including system level analysis, design, development, and implementation on prevailing computer hardware and programming languages. | A minimum of seven (3) years of professional work experience in a related job such as a Systems Analyst, Business Systems Analyst. | Works as a liaison between the business and technical stakeholders to align the needs of the business units with the capabilities delivered by information technology. | Elicits, analyzes, verifies, specifies, documents, and manages requirements (e.g., business, user, data, functional, and non-functional) and business rules using standard methodologies, tools and techniques. | Uses analytical reasoning to understand the business unit’s requirements. | Participates in peer reviews and inspections of requirements documents and other work products derived from requirements specifications. | Communicates the business unit’s requirements to the |
technical stakeholders. Assists in identifying testing requirements and performing application testing.

- Works closely with technical staff to develop and implement the system. Conducts gap analysis.
- Demonstrates knowledge of business analysis planning and monitoring, elicitation, requirements management, enterprise analysis, requirements analysis, and solution assessment and validation.
- Demonstrates interviewing, listening, facilitation, analytical (creativity, and logical thinking), technical, problem solving, and decision making skills.
- Demonstrates excellent communication (oral, written, presentation) skills.
- Demonstrates organizational and interpersonal skills (relationships, negotiation, and trustworthiness).
- Demonstrates knowledge of IT product development and maintenance activities.
- Demonstrates business knowledge (industry specific trends, competitive landscape, and informal lines of
<table>
<thead>
<tr>
<th>Role</th>
<th>Education</th>
<th>Experience</th>
<th>Skills</th>
</tr>
</thead>
<tbody>
<tr>
<td>System Administrator</td>
<td>Bachelor’s degree from an accredited college or university.</td>
<td>A minimum of four years of progressive experience in performing computer programming and systems analysis in broad-based Information Technology including system level analysis, design, development, and implementation on prevailing computer hardware and programming languages. At least two of the four years must reflect current technologies and have occurred within the last three calendar years. Four (4) additional years of specialized IT or applications subject matter knowledge and experience beyond the four (4) years may be substituted for a degree.</td>
<td>- Demonstrates technical knowledge (technology concepts, trends, methodologies, systems, and standards). Experience in using automated requirements management tools such as DOORs, RequisitePro, etc.</td>
</tr>
<tr>
<td>Programmer/Analyst II</td>
<td>Bachelor’s degree from an accredited college or university in an IT, engineering, or scientific field, or in a field related to the subject of this SOW.</td>
<td>A minimum of five years of experience in applications programming in the applicable language(s) and platform(s), and the ability to develop software in current computer technologies to satisfy design objectives.</td>
<td>- Analyzes functional business applications and design specifications for functional activities. Translates detailed design into computer software. Tests, debugs, and refines the computer software to produce communication.</td>
</tr>
</tbody>
</table>
the required product.  
• Prepares required documentation, including both program-level and user-level documentation.  
• Enhances software to reduce operating time or improve efficiency.  
• Works cooperatively with other application developers to configure authentication software for specific applications.  
• Performs version upgrades and patches to authentication software.  
• Troubleshoots and resolves issues with the authentication software.  
• Works as a member of a team under general direction from a senior member.  
• Assists and/or performs quality assurance functions.  
• Demonstrates the ability to work independently or under general direction only.

Senior Information Engineer  
• Bachelor’s degree from an accredited college or university.  
• A minimum of seven years of progressive experience in performing computer programming and systems analysis in broad-based Information Technology including system level analysis, design, development, and implementation on prevailing computer hardware and programming languages.  
• At least three of the

• Analyzes and develops computer software possessing a wide range of capabilities, including numerous engineering, business, and records management functions.  
• Develops plans for automated information systems from project inception to conclusion.  
• Analyzes user interfaces; maintains
| Senior Consultant | • Bachelor’s degree from an accredited college or university. | • A minimum of seven years of progressive experience in performing computer programming and systems analysis in broad-based Information Technology including system level analysis, design, development, and implementation on prevailing computer hardware and programming languages. | • At least three of the seven years must reflect current technologies and have occurred within the last five calendar years.  
• These technologies shall include some of the following: Witango, JSP, ASP, ASP.NET or .Net framework.  
Additional experience in Java, Mac OS X (desktop and server), J2EE, XML, XSLT, Jboss, and/or Apache is desired.  
• A minimum of three (3) years of experience writing transactional SQL preferably with Oracle.  
| Senior Consultant | | | • Analyzes and develops computer software possessing a wide range of capabilities, including numerous engineering, business, and records management functions.  
• Develops plans for automated information systems from project inception to conclusion.  
• Analyzes user interfaces; maintains hardware and software performance tuning; analyzes workload and computer usage; maintains interfaces with outside systems; analyzes downtimes; and analyzes proposed system modifications, upgrades and new COTS.  
• Analyzes the problem and the information to be processed.  
• Defines the problem, and develops system requirements and program specifications from which the Senior IT Specialist or other staff can prepare detailed flow charts, programs, and tests.  
• Develops, in conjunction with functional users, system alternative solutions.  
• Assists and/or performs quality assurance functions.  
• Excellent communication skills. |
| Senior Application Programmer | • Bachelor’s degree from an accredited college or university in Computer Science, Information Systems or other related discipline. | reflect current technologies and have occurred within the last five calendar years.  
• A minimum of three years of experience with Java including experience with J2EE; a minimum of three years of Microsoft SQL Server Transact-SQL experience.  
• Experience with Object Oriented design and development.  
• Application server experience desired, particularly HP/Bluestone Application Server experience.  
Additional desirable skills include: HTML, JavaScript, XML, Mac, Clustering programming, C++, JDBC, Servlets, JSP, MVC, Subversion, Struts/Tiles, Windows and Unix operating systems. | software performance tuning; analyzes workload and computer usage; maintains interfaces with outside systems; analyzes downtimes; and analyzes proposed system modifications, upgrades and new COTS.  
• Analyzes the problem and the information to be processed.  
• Defines the problem, and develops system requirements and program specifications from which the Senior IT Specialist or other staff can prepare detailed flow charts, programs, and tests.  
• Performs detailed systems and database design.  
• Coordinates closely with other developers to ensure proper implementation of program and system specifications.  
• Develops, in conjunction with functional users, system alternative solutions.  
• Assists and/or performs quality assurance functions. |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Programmer – Mid-Level</td>
<td>• Bachelor’s degree from an accredited college or university in an IT, engineering, or scientific field, or in a field related to the subject of this SOW.</td>
<td>• A minimum of five years of experience in applications programming in the applicable language(s) and platform(s), and the ability to develop software in current computer technologies to satisfy design objectives.</td>
<td>• Analyzes functional business applications and design specifications for functional activities.</td>
</tr>
<tr>
<td>Application Programmer</td>
<td>• Bachelor's degree from an accredited college or university in Computer Science, Information Systems or other related discipline.</td>
<td>A minimum of three (3) years of progressive experience in applications programming in the applicable language(s) and platform(s), and ability to develop software in current computer technologies to satisfy design objectives.</td>
<td>• Analyzes functional business applications and design specifications for functional activities. • 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. • Assists and/or performs quality assurance functions. • Demonstrated ability to work independently or under general direction only.</td>
</tr>
<tr>
<td>Web Designer</td>
<td>• Bachelor's degree from an accredited college or university in Computer Science, Information Systems, Computer-Aided Design, Art or other related discipline.</td>
<td>A minimum of three (3) years of experience in web design, and demonstrated ability to design and develop web sites using current computer technologies to satisfy design objectives.</td>
<td>• Develops the site concept, interface design, and architecture of web sites. • Constructs web sites. • Optimizes sites for search engine positioning, and short load times. • Provides end-user training for the development, maintenance, and updating of Web pages. • Demonstrates the ability to work independently or under general direction only. • Working knowledge of browsers, WYSIWYG editors, and graphic design.</td>
</tr>
<tr>
<td>Role</td>
<td>Required Education</td>
<td>Required Experience</td>
<td>Responsibilities</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>----------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Associate Application Specialist</td>
<td>Bachelor's degree from an accredited college or university in Computer Science, Information Systems or other related discipline.</td>
<td>A minimum of five years of progressive experience in performing, administering, integrating and developing with application technology. At least three of the five years must reflect current technologies and have occurred within the last five calendar years.</td>
<td>Analyzes functional business applications and design specifications for functional activities. Translates detailed design into computer software. Develops scripts and interfaces utilizing the appropriate APIs for the software and the application server. 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.</td>
</tr>
<tr>
<td>Database Administrator (DBA)</td>
<td>Bachelor's degree from an accredited college or university in Computer Science, Information Systems or other related discipline.</td>
<td>A minimum of five years of progressive experience in performing database administration. At least three of the Five years must reflect current technologies and have occurred within the last six calendar years. Current technologies include: Microsoft</td>
<td>Provides highly technical expertise in the use of DBMS. Evaluates and recommends available DBMS products to support validated user requirements. Manages the design and development of databases and related master files. Defines file organization,</td>
</tr>
</tbody>
</table>
| SQL Server and Oracle. | indexing methods, and security procedures for specific user applications.  
• Assists and/or performs quality assurance functions.  
• Designs and creates logical and physical data models.  
• Designs and creates database objects (tables, clusters, indexes, views, sequences, packages, procedures, etc.).  
• Creates and maintains documentation of database design and database objects.  
• Implements integrity constraints and indexes.  
• Enforces and maintains database constraints to ensure integrity of the database.  
• Writes queries, stored procedures, and triggers.  
• Creates installation scripts (for tables, indexes, stored procedures, initial data, etc.)  
• Creates Data Transformation Service (DTS) packages to convert and load data.  
• Conducts performance tuning of queries and other database objects.  
• Conducts impact analysis of changes made to database objects.  
• Troubleshoots with problems regarding the databases, applications, and |
Due to the availability or limitation of education, occasionally substitution of experience for a professional labor type with additional years of experience will be provided per the approval of the federal agency acquiring the service.

**Services Pricelist**

<table>
<thead>
<tr>
<th>LABOR CATEGORY</th>
<th>GSA PROPOSED RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Junior Programmer Analyst</td>
<td>$59.67</td>
</tr>
<tr>
<td>Senior Programmer Analyst</td>
<td>$82.62</td>
</tr>
<tr>
<td>Junior Systems Analyst</td>
<td>$63.17</td>
</tr>
<tr>
<td>Senior Systems Analyst</td>
<td>$115.55</td>
</tr>
<tr>
<td>Junior Program Analyst</td>
<td>$57.43</td>
</tr>
<tr>
<td>Senior Program Analyst</td>
<td>$81.57</td>
</tr>
<tr>
<td>Project Manager</td>
<td>$116.37</td>
</tr>
<tr>
<td>Senior Functional Analyst</td>
<td>$105.19</td>
</tr>
<tr>
<td>Business Analyst</td>
<td>$80.10</td>
</tr>
<tr>
<td>System Administrator</td>
<td>$107.21</td>
</tr>
<tr>
<td>Programmer/Analyst II</td>
<td>$85.64</td>
</tr>
<tr>
<td>Senior Information Engineer</td>
<td>$97.12</td>
</tr>
<tr>
<td>Senior Consultant</td>
<td>$118.38</td>
</tr>
<tr>
<td>Senior Application Programmer</td>
<td>$97.12</td>
</tr>
<tr>
<td>Application Programmer Mid-Level</td>
<td>$92.70</td>
</tr>
<tr>
<td>Application Programmer</td>
<td>$89.51</td>
</tr>
<tr>
<td>Web Designer</td>
<td>$82.92</td>
</tr>
<tr>
<td>Associate Application Specialist</td>
<td>$67.81</td>
</tr>
<tr>
<td>Database Administrator (DBA)</td>
<td>$84.03</td>
</tr>
</tbody>
</table>