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: http://www.gsaadvantage.gov

Schedule Title: GSA Multiple Award Schedule (MAS)
Special Item Number: 611420 Information Technology Training
Special Item Number: 541515 Information Technology Professional Services
Special Item Number: 518210C Cloud Computing and Cloud Related IT Professional Services
Special Item Number: OLM Order-Level Materials

Contract Number: 47QTCA18D00BE
For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at fss.gsa.gov.

Contract Period: May 1, 2018 through April 30, 2023

<table>
<thead>
<tr>
<th>Contractor’s Information</th>
<th>Administration Source</th>
</tr>
</thead>
</table>
| CyberBahn Federal Solutions LLC  
4601 N Fairfax Dr., STE 1200  
Arlington, Virginia 22203-1559  
Phone: 443-983-0515  
Fax: 443-817-0817 | Jamuna Sundararajan, President  
Email: jamuna@cyberbahnit.com  
Phone: 443-758-3239  
www.cyberbahnit.com |


Customer Information:

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

<table>
<thead>
<tr>
<th>SIN</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>611420</td>
<td>Information Technology Training</td>
</tr>
<tr>
<td>541515</td>
<td>Information Technology Professional Services</td>
</tr>
<tr>
<td>518210C</td>
<td>Cloud Computing and Cloud Related IT Professional Services</td>
</tr>
<tr>
<td>OLM</td>
<td>Order-Level Materials</td>
</tr>
</tbody>
</table>
1b. LOWEST PRICED MODEL NUMBER AND PRICE FOR EACH SIN: not applicable

1c. Hourly Rates: Services Price List

2. MAXIMUM ORDER:
   - SIN 611420 - $250,000
   - SIN 54151S - $500,000
   - SIN 518210C - $500,000
   - SIN OLM - $250,000

NOTE TO ORDERING ACTIVITIES: *If the best value selection places your order over the Maximum Order identified in this catalog/pricelist, you have an opportunity to obtain a better schedule contract price. Before placing your order, contact the aforementioned contractor 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 unless the contractor agrees to accept a smaller order amount.

4. GEOGRAPHIC COVERAGE: 48 States, DC

5. POINT(S) OF PRODUCTION: same as contractor

6. BASIC DISCOUNT: Prices shown herein are net

7. QUANTITY DISCOUNT(S): None for SINs 54151S and 518210C. Please see pricing list for discounts referring to SIN 611420

8. PROMPT PAYMENT TERMS: No prompt payment discount, Net 30 days

9a. ACCEPTANCE OF GOVERNMENT PURCHASE CARD UP TO AGENCY'S LIMIT OR THE MICRO-PURCHASE THRESHOLD AMOUNT OF $3,000, WHICHEVER IS GREATER

9b. PURCHASE CARDS ACCEPTED UP TO AGENCY’S LIMIT AND FOR OVER THE MICROPURCHASE THRESHOLD AMOUNT OF $3,000.

10. FOREIGN ITEMS: None

11a. TIME OF DELIVERY: As negotiated ARO

11b. EXPEDITED DELIVERY: Call Contractor

11c. OVERNIGHT AND 2-DAY DELIVERY: Call Contractor

12. FOB POINT: Destination
13. ORDERING ADDRESS: Same as contractor

14. PAYMENT ADDRESS: Same as contractor

15. WARRANT PROVISIONS: not applicable

16. EXPORT PACKING CHARGES: not applicable

17. TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE: Contractor will accept Government Purchase Card for orders of $3,000 or less. Contact contractor for acceptance of larger orders.

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

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

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

20a. TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE): N/A

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

24. SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g. RECYCLED CONTACT, ENERGY EFFICIENCY, AND/OR REDUCED POLLUTANTS): not applicable

25. DATA UNIVERSAL NUMBER SYSTEMS (DUNS) NUMBER: 079089408

26. NOTIFICATION REGARDING REGISTRATION IN System for Award Management (SAM): Registration is accurate and current in SAM
611420 Training Courses – Course Catalog

1. **SAFe ScrumXP for Teams** - The course teaches Lean thinking tools, roles, processes, and the software engineering practices necessary to achieve the code quality you need to scale Scrum to your enterprise business context. It is intended for new teams in an enterprise Agile adoption program or can be used to re-baseline existing Scrum teams as required for scaling. The course begins with the principles of scaling: Lean thinking tools, Agile development practices at scale, and an overview of the Scaled Agile Framework. Following this, teams learn the best practices for building quality software in a timebox. By the end of the course, teams are ready for their first program-level release planning meeting, part of the Scaled Agile Framework (SAFe) Agile Release Train (ART).

2. **SAFe Scrum Master** - In this course, participants gain an understanding of the role of Scrum Master in a SAFe enterprise. Unlike traditional Scrum Master training that focuses on the fundamentals of team-level Scrum, the SAFe 4.0 Scrum Master course explores the role of Scrum in the context of the entire enterprise, and prepares students to successfully plan and execute the Program Increment (PI), the primary enabler of alignment throughout all levels of a SAFe organization. This includes learning the key components of scaled Agile development, how Scrum is facilitated throughout the enterprise, and how to execute iteration planning. The students will also discover how to build high-performing Agile teams by becoming a servant leader and coach, and how to coach those teams to deliver the maximum business value that is achievable through SAFe.

3. **Kanban for Teams** - This hands-on workshop covers how Kanban helps teams, leaders and managers manage IT Ops more effectively. The course is designed to help the participants understand the current condition, model and visualize it as a Kanban system, understand and measure the current system's capability, and apply Kanban thinking to continually improve. It guides through the fundamentals of Kanban thinking and how one can apply Kanban method in his organization to understand the demand and visualize the workflow, bottlenecks and queues, and how to continually evolve the system to improve the flow of value.

4. **PMI/IC Agile: Agile Project Management** - This course helps participants understand advanced techniques for product and iteration planning, project management and collaboration. The agile project management approach is targeted at projects where fast responsiveness to changing market demands is important and for organizations with innovative cultures. An agile project management approach will help dramatically improve a project team’s ability to cope with change and will improve project success rate. Using a combination of lectures, short exercises and role play as well as “agile experience”, the course introduces participants to Agile practices and processes in the context of project management. Apart from the IC Agile certification in Agile Project Management, the students will be prepared to take the PMI-ACP exam.

5. **Agile Engineering Practices** - This 3-day course establishes: Standards and practices for rapidly building quality software; How to avoid upfront overdesign and practice just-in-time Development; Identify and correct potential impediments to Scrum success; Use object-oriented
techniques to write more extensible software; Support collaboration, pair programming, and cross-functional teams; Write software that supports an iterative process without excessive rework; Support collaborative code ownership and embrace a common aesthetic; Implement better design alternatives and avoid upfront overdesign.

6. **SAFe Advance Scrum Master** - This course prepares current Scrum Masters for their leadership role in facilitating Agile team, program, and enterprise success in a SAFe® implementation. The course covers facilitation of cross-team interactions in support of the program execution and relentless improvement. It enhances the Scrum paradigm with an introduction to scalable engineering and DevOps practices; the application of Kanban to facilitate the flow of value; and supporting interactions with architects, product management, and other critical stakeholders in the larger program and enterprise contexts. The course offers actionable tools for building high-performing teams and explores practical ways of addressing Agile and Scrum anti-patterns in the enterprise. Attending the class prepares you to take the exam and become a certified SAFe® Advanced Scrum Master (SASM).

7. **Leading SAFe and SAFe Agilist** - The program is designed for executives, managers and Agile change agents responsible for leading a Lean/Agile change initiative in a large enterprise. It validates their knowledge in applying the Scaled Agile Framework, Lean, and product development flow principles in an enterprise context, so they can lead an enterprise Agile transformation and adoption of the Scaled Agile FrameworkTM. The course establishes an understanding of how the principles and practices of the framework support Lean Thinking, Agile Development, SAFe ScrumXP, Agile Release Train, Agile Portfolio Management, Agile Architecture, and Scaling Leadership.

8. **SAFe Product Manager/Product Owner** - In this two-day course, you will learn how the roles of Product Manager, Product Owner, Solution Manager, and Epic Owner drive the delivery of value in the SAFe enterprise. You’ll get an overview of the Scaled Agile Framework® (SAFe®), the Lean-Agile mindset, and an understanding of how the Product Manager and Product Owner roles operate in the enterprise to drive the delivery of value. Finally, you will get an in-depth understanding of the specific activities, tools, and mechanics used to effectively deliver value to the enterprise. By the end of this course, you should be able to write Epics, Capabilities, Features, and User Stories within the context of SAFe, and have a solid foundation for managing backlogs and programs in a Lean-Agile enterprise.

9. **Online Introduction to Agile & Scrum** - This course takes through an interactive, Epic journey from the roots of Agile and Scrum to present day implementation strategies, and beyond. This well narrated, film-style course discusses the Agile Manifesto and its 12 principles, how to implement the Scrum constructs, and the importance of the Lean/Agile mindset. The course explains why the industry is moving away from waterfall and traditional methodologies to Agile and the Scrum framework. The participants learn the roles, artifacts, and ceremonies of Scrum. Each Scrum ceremony is simulated to illustrate the best practices. The course also covers the trending frameworks for innovation like Design Thinking and Lean Startup, and how it fits into the Agile paradigm.
10. **Introduction to Agile & Scrum** - Completing this training curriculum will give participants the knowledge and experience of using Scrum to rapidly build quality software, and enable them to: Accurately estimate development tasks; Write stories and build features in sprints; Participate in each type of Scrum meeting; Use test-first development to drive design; Work effectively with legacy code; Employ techniques that reduce defects; Quickly implement effective design alternatives; Collaborate smoothly with other team members; Understand the Scrum framework and its roles, artifacts and ceremonies; Recognize the key differences between Scrum and traditional waterfall development; Define an effective strategy for continuously integrating software as it is built; Lead a Scrum team to plan, estimate, and prioritize their backlog.

11. **Introduction to Kanban** - The course is designed to help you understand sustainability agenda, Kanban principles and practices, visual board, WIP, and local cycle time metric, conducting Kanban-style standup meetings and replenishment, Kanban board designs, WIP limits and risks, Proto-Kanban patterns and their benefits, limitations of team-level Kanban, understanding full Kanban systems, service orientation.

12. **Certified Blockchain & Cryptocurrency Fundamentals** - A cryptocurrency is a digital token designed to work as a medium of exchange or a method of record keeping or a new way of transferring value/assets. Blockchain is the underlying technology behind various Cryptocurrencies. Cryptocurrency & Blockchain Fundamentals (CCBF) Certification provides an overview of the Blockchain and the cryptocurrencies and how to buy them.

13. **Certified Blockchain Professional Developer** - A Certified Blockchain Professional Developer knows how to develop integrated smart contracts and deploy them on servers. A Certified Blockchain Professional Developer can build Blockchain based applications for enterprises and businesses in multiple Blockchain Technologies. The CBPD credential certifies individuals in the Blockchain development from a vendor-neutral perspective. This course is typically 3 to 4 days.

14. **Certified Blockchain Master Developer** - A Certified Blockchain Master Developer (CBMD) is a skilled professional with a deep understanding of Blockchain technology, enabling them to build Blockchain-based applications for enterprises and businesses. Certified Blockchain Professional is an exhaustive training, lab- and exam-based program. The CBMD credential certifies individuals in the Blockchain discipline of Distributed Ledger Technology from a vendor-neutral perspective. This course is typically 2 days.

15. **Certified Blockchain Professional Tester** - A Certified Blockchain Professional Tester knows how to test the strength of Blockchain integrated smart contracts, peer/node networks, and test for non-functionality. A Certified Blockchain Tester Professional can test Blockchain-based applications for enterprises and businesses in multiple Blockchain Technologies. The CBPT credential certifies individuals in Blockchain Testing from a vendor-neutral perspective.
Training Course Price List:

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Course Length</th>
<th>Minimum Participants</th>
<th>Maximum Participants</th>
<th>GSA Price w. IFF</th>
<th>QUANTITY/VOLUME DISCOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAFe ScrumXP for Teams</td>
<td>2 Days</td>
<td>6</td>
<td>16</td>
<td>$748.11</td>
<td>$650.00 per Person for 9+ students</td>
</tr>
<tr>
<td>SAFe Scrum Master</td>
<td>2 Days</td>
<td>6</td>
<td>16</td>
<td>$748.11</td>
<td>$650.00 per Person for 9+ students</td>
</tr>
<tr>
<td>Kanban for Teams</td>
<td>2 Days</td>
<td>6</td>
<td>16</td>
<td>$748.11</td>
<td>$650.00 per Person for 9+ students</td>
</tr>
<tr>
<td>PMI/IC Agile: Agile Project Management</td>
<td>3 Days</td>
<td>6</td>
<td>24</td>
<td>$897.73</td>
<td>800.00 per Person for 9+ Students</td>
</tr>
<tr>
<td>Agile Engineering Practices</td>
<td>3 Days</td>
<td>6</td>
<td>24</td>
<td>$897.73</td>
<td>800.00 per Person for 9+ Students</td>
</tr>
<tr>
<td>SAFe Advance Scrum Master</td>
<td>2 Days</td>
<td>6</td>
<td>16</td>
<td>$748.11</td>
<td>$650.00 per Person for 9+ students</td>
</tr>
<tr>
<td>Leading SAFe and SAFe Agilist</td>
<td>2 Days</td>
<td>6</td>
<td>16</td>
<td>$748.11</td>
<td>$650.00 per Person for 9+ students</td>
</tr>
<tr>
<td>SAFe Product Manager/Product Owner</td>
<td>2 Days</td>
<td>6</td>
<td>16</td>
<td>$748.11</td>
<td>$650.00 per Person for 9+ students</td>
</tr>
<tr>
<td>Online Introduction to Agile &amp; Scrum</td>
<td>3 Hours</td>
<td>3</td>
<td>Unlimited</td>
<td>$39.00</td>
<td>None</td>
</tr>
<tr>
<td>Introduction to Agile &amp; Scrum</td>
<td>1 Day</td>
<td>8</td>
<td>Unlimited</td>
<td>$349.12</td>
<td>$250.00 per Person for 9+ students</td>
</tr>
<tr>
<td>Introduction to Kanban</td>
<td>1 Day</td>
<td>8</td>
<td>Unlimited</td>
<td>$349.12</td>
<td>$250.00 per Person for 9+ students</td>
</tr>
<tr>
<td>Certified Blockchain &amp; Cryptocurrency Fundamentals</td>
<td>2 Days</td>
<td>10</td>
<td>30</td>
<td>$374.06</td>
<td>$350.00 per Person for 15+ students</td>
</tr>
<tr>
<td>Certified Blockchain Professional Developer</td>
<td>4 Days</td>
<td>10</td>
<td>30</td>
<td>$748.11</td>
<td>$700.00 per Person for 15+ students</td>
</tr>
<tr>
<td>Certified Blockchain Master Developer</td>
<td>2 Days</td>
<td>10</td>
<td>30</td>
<td>$374.06</td>
<td>$350.00 per Person for 15+ students</td>
</tr>
<tr>
<td>Certified Blockchain Professional Tester</td>
<td>2 Days</td>
<td>10</td>
<td>30</td>
<td>$374.06</td>
<td>$350.00 per Person for 15+ students</td>
</tr>
</tbody>
</table>

54151S IT Professional Services – Labor Category Descriptions

1. Program Analyst
   a. Description - Basic PC skills are required. Must possess advanced technical and project management's skills in the areas of trend and data analysis. A high aptitude for analytical problem solving and the ability to work independently is desired. Work on multiple projects simultaneously; some of a high priority/high visibility nature will be required. Ability to exercise independent judgment and control of project with minimal guidance also will be required.
   b. Education & Experience - BA/BS Degree and 5+ years of relevant experience (can substitute graduate degree)

2. Project Control Specialist
   a. Description - Senior project control specialist with specialized expertise in quality control processes and risk management and mitigation. Establishes guidelines and criteria for the evaluations of procedures, processes and techniques; identifies efficiencies and provides recommendations for future improvements. Experienced in the management of multiple projects simultaneously from conception to technical report presentation. Successful track record of project coordination under difficult situations and budget control. Has advanced communication skills and is well known by industry representatives.
3. **Project Manager**
   a. **Description** - Expert in a specific project management field. Manages multiple projects simultaneously from conception to technical report presentation. Has the ability to report research and test results in advanced and complex technical formats. Manages project team, monitors budgets, schedules and progress. Has advanced communication skills and works well with government and industry representatives.
   b. **Education & Experience** - BA/BS Degree and 10+ years of relevant experience (can substitute graduate degree)

4. **Program Manager**
   a. **Description** - Oversight of the purpose and status of the projects in a program. Oversight to support project-level activity to ensure the program goals are met by providing a decision-making capacity that cannot be achieved at project level or by providing the project manager with a program perspective when required. In a program there is a need to identify and manage cross-project dependencies and often the project management office (PMO) may not have sufficient insight of the risk, issues, requirements, design or solution to be able to usefully manage these. The program manager will be placed to provide this insight by actively seeking out such information from the project managers although in large and/or complex projects.
   b. **Education & Experience** - BA/BS Degree and 10+ years

5. **Research Analyst**
   a. **Description** - Experience in a specific research field; knows industry trends and issues in the specific field. Strong written and verbal communication skills, and skills in managing multiple projects. Attends and makes presentations at industry conferences and meetings and collects information in area of specialization. Has the Professional Technical Support Services ability to analyze data and write reports, and report research and test results in various formats. Has the ability to conduct statistical analyses and interpret statistical test data at an expert level.
   b. **Education & Experience** - BA/BS Degree and 10+ years of relevant experience (can substitute graduate degree)

6. **Junior Technical Writer**
   a. **Description** - Strong PC background. Must have experience with word processing, desktop publishing and flow diagrams. Excellent organizational skills. Excellent spelling, grammar and editing; and good verbal/written communication skills are necessary. Advanced PC skills with word processing, desktop publishing, flow diagrams, as well as web design, HTML, and web development tools. BA/BS degree in an information technology discipline. Ability to design and generate web-based/interactive surveys, interactive pdf forms, and HTML documents. Excellent organizational skills. Five (5) years of experience editing and preparing technical documents, standard operating procedures, flow diagrams, etc. Experience translating technical automotive language into user-friendly documents. Excellent spelling, grammar and editing; and good verbal and written communication skills are necessary.
   b. **Education & Experience** - BA/BS Degree and 5+ years of relevant experience (can substitute graduate degree)
7. **Section 508 SME**
   a. **Description** - serves as the SME for the development/test team to address section 508 compliance, execution of policies and procedures for the agencies section 508 Accessibility Program. Serves as a source of expertise to interpret Section 508 standards, and the use of Section 508 tools. Consult with stakeholders to understand specific goals and needs of their organization. Recommend Section 508 remediation solutions / improvements related to service offerings, processes and deliverables. Develop test plans, test schedules, and present time estimation for testing activities to be performed. Supervise development of detailed findings to document identified issues and recommend potential solutions and best practices for remediation and accessibility violations. Lead Section 508 program governance. Ensure team performs complete audits and validation testing on software and documents, based upon Section 508 and/or W3C WCAG 2.0 accessibility guidelines. Provide technical assistance and remediation guidance to 508 specialists/compliance team.

   b. **Education & Experience** - BA/BS Degree and 5+ years of relevant experience (can substitute graduate degree)

8. **Software Developer**
   a. **Description** - Develop information systems by studying operations; designing, developing and installing software solutions; support and develop software team. The Software Developer will work and lead other developers responsible for building new and support existing systems. Ability to prioritize well, communicate clearly, have a consistent track record of delivery and excellent software engineering skills. Creative engineering balanced with high quality and a customer focus. Must be able to work across multiple facets of the project and juggle multiple responsibilities at the same time. Strong analytic capability and the ability to create innovative solutions.

   b. **Education & Experience** - BA/BS Degree and 5 years of relevant experience (can substitute graduate degree)

9. **Senior 508 Compliance Tester**
   a. **Description** - Involved in the quality assurance stage of software development and deployment. Conduct automated and manual tests to ensure the software created by developers is fit for purpose. Software testing involves the analysis of software, and systems, to avert risk and prevent software issues. The role is integral to the creation of software systems and technical products including vehicles, electronic goods, defense, and healthcare. Ultimately software testers are employed to find bugs and issues within a product before it gets deployed to everyday users.

   b. **Education & Experience** - BA/BS Degree and 5 years of relevant experience (can substitute graduate degree)

10. **Agile Coach**
    a. **Description** - Ongoing coaching for agile teams, down to the individual team member that helps teams operate as agile teams and team members to play their roles to the maximum extent possible. Agile coaching is highly interactive and involves constant surveillance of agile teams to identify areas of improvement. It feeds back lessons learned to agile coaches to improve agile training and on-boarding across all teams. The focus is on properly executing agile ceremonies, story definition and estimation, backlog grooming, sprint planning, and DevOps execution through coaching.
b. **Education & Experience** - BA/BS and 5 years of relevant experience

11. **Senior Software Developer**
   a. **Description** - Develop information systems by studying operations; designing, developing and installing software solutions; support and develop software team. The Software Developer will work and lead other developers responsible for building new and support existing systems. Ability to prioritize well, communicate clearly, have a consistent track record of delivery and excellent software engineering skills. Creative engineering balanced with high quality and a customer focus. Must be able to work across multiple facets of the project and juggle multiple responsibilities at the same time. Strong analytic capability and the ability to create innovative solutions.

b. **Education & Experience** - BA/BS and 7 years of relevant experience

12. **Senior Software Tester**
   a. **Description** - Senior Software Tester should be capable of leading the designing of test suites and should have the ability to understand usability issues. Such a tester is expected to have sound knowledge of software test design and test execution methodologies. Must have great communication skills so that they can interact with the development team and other stakeholders efficiently. Other responsibilities include: defining the testing activities for testers or test engineers; all responsibilities of test planning; to check if the team has all the necessary resources to execute the testing activities; to check if testing is going hand in hand with the software development in all phases; prepare the status report of testing activities; required Interactions with customers; and updating project manager regularly about the progress of testing activities.

b. **Education & Experience** - BA/BS and 7 years of relevant experience

13. **Analyst**
   a. **Description** - Technical knowledge (domain knowledge) with experience in an analytical and/or research and development organization preferred. Capable enough to do Gap analysis of the System, write requirements specifications, create Requirements Traceability matrix, functional specification and related documents. Basic PC skills and abilities to use needed computer tools are required with the ability to adjust to new technology as necessary. Experience in data analysis desirable. Must exhibit good verbal/written communication skills with attention to detail and accuracy.

b. **Education & Experience** - BA/BS Degree and 5+ years of relevant experience (can substitute graduate degree)

14. **Technical Writer II**
   a. **Description** - Strong PC background. Must have experience with word processing, desktop publishing and flow diagrams. Excellent organizational skills. Excellent spelling, grammar and editing; and good verbal/written communication skills are necessary. Advanced PC skills with word processing, desktop publishing, flow diagrams, as well as web design, HTML, and web development tools. BA/BS degree in an information technology discipline. Ability to design and generate web-based/interactive surveys, interactive pdf forms, and HTML documents. Excellent organizational skills. Five (5) years of experience editing and preparing technical documents, standard operating procedures, flow diagrams, etc. Experience translating technical automotive language into user-friendly documents. Excellent spelling, grammar and editing; and good verbal and written communication skills are necessary.
b. Education & Experience - BA/BS Degree and 5+ years of relevant experience (can substitute graduate degree)

15. Subject Mater Expert I

a. Description - Extensive experience and knowledge in the subject area (it could be related to specific computer technologies/ types of testing/coaching/ technical standards). Capable of reviewing proposed regulations and providing comments and technical guidance on improving technologies/ methodologies.
b. Education & Experience – BA/BS and 8 years of relevant experience

16. Program Manager III

a. Description - A Program Manager III is the management focal point between the customer, strategic partners and client during implementation and support of global multi-site and multi-project business processes plus solutions. He/she leverages relationships with customer executive management, customer functional directors and partners and supports these in the Business Solution Architect team in defining the customers’ strategy. The Program Manager ensures program success (budgets, schedules, quality and business value) and manages and mitigates program risks.
b. Education & Experience – Master’s degree and 8 years of relevant experience

17. Principal Consultant

a. Description - A Principal Consultant is an individual with an academic professional qualification and with at least 6 years of industry or functional or IT skills. The Principal Consultant is an authority in a specific functional area, leads new service offerings and has a proven track record in project deliveries and/or account management in a complex vendor environment. The Principal Consultant is used to complex, long-term work (several months) with one customer. She/he creates or creates & leads a new project in a new service line and is able to develop a solution strategy for client’s business needs with offerings. Has the capacity to interact with technical staff, clients and partners. Project Management skills are desirable. Works on more than one engagement at a time.
c. Education & Experience - Master’s degree and 6 years of relevant experience

18. Senior Consultant

a. Description - A Senior Consultant is an individual with an academic professional qualification and with at least 3 years of industry or functional skills. Senior Consultant plays a key role on the project team; either running small projects, managing portions of a large project, driving the analysis, process finalization, while resolving process and technical issues. The Senior Consultant performs the role of a Team Lead and ensures high quality service. The Senior Consultant will be involved in preparing the detailed level plan for his/her functional area. Senior Consultants are expected to build strong relationships and solid reputations within the industry and market they serve. Works on more than one engagement at a time.
b. Education & Experience - Master’s degree and 3 years of relevant experience

19. Consultant

a. Description - A Consultant is an individual with an academic professional qualification and with at least 2 years of industry or functional skills in specific application area. Consultants gather facts, analyze the client’s business processes and draw conclusions. The Consultant prepares the design of the solution and demonstrates the design to support the findings and conclusions. Contributes by analyzing client’s business processes and performs configuration work and assists clients in testing cycles. Works on one engagement at a time.
b. **Education & Experience** - BA/BS and 2 years of relevant experience

20. **Associate Consultant**

a. **Description** - An Associate Consultant is an individual with an academic professional qualification and with at least 2 years of industry or functional skills in a specific application area. They are to be fully trained in a product before embarking on any project. They are expected to participate as a team member in a consulting project and would participate in the discussions of process design, configuration per directions given by the team leader, and provide support in documentation, system testing and authorizations. Works on one engagement at a time.

b. **Education & Experience** - BA/BS and 2 years of relevant experience

**Services Price List:**

**SIN 54151S IT Professional Services**

<table>
<thead>
<tr>
<th>SIN</th>
<th>Labor Category</th>
<th>Contractor or Customer Facility or Both</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>54151S</td>
<td>Program Analyst</td>
<td>Both</td>
<td>$69.79</td>
<td>$71.88</td>
<td>$74.04</td>
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<td>54151S</td>
<td>Project Control Specialist</td>
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<td>Project Manager</td>
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SIN 518210C Cloud Computing and Cloud Related IT Professional Services
Labor Category Descriptions

SIN 518210C

Cloud Security Architect

General Experience:

The Cloud Security Architect leads the design and documentation of innovative security architectures for protecting data deployed into different types of public, private, and hybrid cloud solutions. This position will directly contribute to the overall global enterprise cloud architecture.

- Expertise – Collaborate with IT Platform Leads, and Information Security teams, to architect and design cloud security solutions. Knowledge of Cloud Security services such as AWS, Identity and Access Management, VPCs, etc. is essential.
- Security Technology Strategy - Work with IT teams to create Cloud IaaS and PaaS technology roadmaps.
- Design and document security architectures for public, private, and hybrid cloud-based systems.
- Based on business and security requirements, design and document secure cloud architectures and designs that will allow those requirements to be met with a minimal degree of risk and with appropriate security controls.
- Represents Cloud Security in development, documentation, and implementation of the overall global enterprise cloud architecture. Acts as the technical representative for Cloud Security while engaging with other senior IT technical leaders in the design, documentation and implementation of cloud and cloud/hybrid-based implementations and solutions.
- Develops and document cloud security standards in partnership with IT Engineering, Infrastructure, and application support.
- Develop training and technical document, serves as an informal mentor to share knowledge across Security Platforms and/or Technology teams.
- Develops strategies to increase Cloud Security knowledge throughout the enterprise, as well as developing and mentoring more-junior security analysts and engineers.
EDUCATION & EXPERIENCE:

The above-mentioned job duties require at least a Bachelor’s Degree in a field of Computer Science, Information Technology, Computer Application, related Engineering Discipline, or another related field and five (5) years of experience.

DevSecOps Engineer

General Experience

The Dev/Sec/Ops Engineer will gather requirements, codify and integrate secure solutions that support cloud functionality as well as the underlying cloud infrastructure required to run and deploy those solutions.

• Apply secure development/coding to include; but not limited to, cloud technology, internet servers, application whitelisting, virtualized containers, web-enabled database applications, network security, security engineering, data integrity, intrusion detection, firewall management, forensic and legal information security, virtual private networks, public key/infrastructure/digital signatures, encryption, network security architecture and Federal Policy in a cloud environment.

• Develop code (e.g., Python, Powershell, Django, Javascript, HTML, CSS, etc.) to interact with Rest APIs and API driven security technologies to automate security tasks (e.g., VirusTotal, Splunk ES, Tanium, etc.) aimed at removing human errors and human inconsistencies.

• Support SOC capabilities by customizing tools and automating processes for SOC and IR analysts.

• Familiarity with software development life cycle models and agile programming methodologies.

• Should be familiar with Cloud Service (AWS, Azure, etc), continuous delivery systems and enhancing SOC operations through automation.

• Previous experience with performing integrated quality assurance testing for security functionality and resiliency to attacks.
• Experience with secure programming and identify potential flaws in codes to mitigate vulnerabilities.

• Applies coding and testing standards, security testing tools, identify common coding flaws, threat modeling, and conducts code reviews.

• Perform or support penetration testing as required for new or updated applications.

• Participate in network and system design to ensure implementation of appropriate systems security policies, designs and implement systems security and data assurance.

• Knowledge of Source Code Management concepts (code lines, branching, merging, integration, versioning, etc.)

• Problem solving, analytical skills and technical troubleshooting skills
• Ability to work with customers/stakeholders, developers, testers, project managers, support staff

• Should have knowledge of the following: Encryption algorithms, secure communications, network and data communication protocols.

• Familiar with standard concepts, practices, and procedures within a particular field such as NIST, FISMA and Common Criteria regulations and standards.

• Should have programming skills in several of the following programming and markup languages: Java, .Net, Python, Visual Basic, Powershell, Bash, C++, Javascript, html, css

Certifications:
One or more of the following Certifications:

CEH, CISSP, CSSLP, GPEN, OSCP, AWS Solutions Architect, RHSA, GXPN, GWAPT Desired Skills:
AWS Solutions Architect, DevOps Certs, RHCE
EDUCATION & EXPERIENCE:

BS degree Science, Technology, Engineering, Math or related field
Five (5) years of prior relevant software engineering or devops experience.

Quality Assurance Engineer

General Experience:

Provide development of project IT Quality Assurance Plan and the implementation of procedures that conforms to customer requirements. Analyze quality standards for components, materials or services. Apply measures, sampling methods, testing methodology and other procedures that ensure that quality standards are met. Provides technical and administrative direction for personnel performing IT tasks. Apply quality principles, analyzes quality records, prepares reports and recommends improvements. Conduct inspection, verification and validation of components or materials used in development processes. Identify and address recurring problems either with the quality of the product or the reliability of testing procedures. Document quality issues and performance measures for management review. May liaise with external vendors.

EDUCATION & EXPERIENCE:

Bachelor's degree in computer engineering, computer science, electrical engineering, mathematics, or physical sciences, or equivalent and five (5) years of experience.
Services Price List:

**SINs 518210C:**

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