GENERAL SERVICES ADMINISTRATION

Federal Supply Service Authorized Federal Supply Schedule Price List

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: GSAAdvantage.gov.

GSA Multiple Award Schedule (MAS)

Large Category: Information Technology

PSC Codes: DB10, DJ01, DA01

Contract Number: 47QTCA21D00B5

Pricelist Current as of: January 25, 2022

For more information on ordering from Federal Supply Schedules go to the GSA Schedules page at GSA.gov.

Contract Period: June 13, 2021 through June 12, 2026

Armavel, LLC
2715 64th Ave NE
Tacoma, WA 98422
(571) 266-1212

Contract Administrator: Pascal Pinck
(571) 266-1212
Email: info@armavel.com

www.armavel.com

Business Size: Small Business
CUSTOMER INFORMATION:

1a. Awarded Special Item Numbers

<table>
<thead>
<tr>
<th>SIN</th>
<th>Description</th>
<th>Large Category</th>
<th>Subcategory</th>
<th>Page</th>
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<tbody>
<tr>
<td>518210C</td>
<td>Cloud and Cloud-Related IT Professional Services</td>
<td>Information Technology</td>
<td>IT Solutions</td>
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<td>54151HEAL</td>
<td>Health Information Technology Services</td>
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<td>IT Services</td>
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<td>Highly Adaptive Cybersecurity Services</td>
<td>Information Technology</td>
<td>IT Services</td>
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</table>

1b. Lowest priced Labor Category: Cloud Analyst Jr $56.57 (Inclusive of IFF)

1c. Labor Category Descriptions: Full Labor Category Descriptions begin on Page 4

2. Maximum Order Threshold: 518210C $500,000; 54151HEAL $500,000; 54151S $500,000; 54151HACS $500,000


5. Point of Production:
   Armavel, LLC
   2715 64th Ave NE
   Tacoma, WA 98422

6. Discount from List Prices: All prices listed are net prices.

7. Quantity Discounts: 1.0% for a single task order equal to or greater than $10 million.

8. Prompt Payment Terms: Net 30 days. Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.


10a. Time of Delivery: Specified in each task order.

10b. Expedited Delivery: To be specified for each task order.

10c. Overnight and 2-Day Delivery: Not applicable.

10d. Urgent Requirements: Not Applicable.

11. F.O.B. Points(s): Destination.
12a. Ordering Address:
Armavel, LLC
2715 64th Ave NE
Tacoma, WA 98422

12b. Ordering Procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPAs) are found in Federal Acquisition Regulation (FAR) 8.405-3.

13. Payment Address is as Follows:
Armavel, LLC
2715 64th Ave NE
Tacoma, WA 98422

14. Warranty Provision: Not applicable.

15. Export Packing Charges: Not applicable.

16. Terms and Conditions of Rental, Maintenance, and Repair: Not applicable.

17. Terms and Conditions of Installation: Not applicable.

18a. Terms and Conditions of Repair Parts Indicating Date of Parts Price List and Any Discounts from List Prices: Not applicable.

18b. Terms and Conditions for Any Other Services: Not applicable.

19. List of Service and Distribution Points: Not applicable.

20. List of Participating Dealers: Not applicable.

21. Preventive Maintenance: Not applicable.

22a. Special Attributes: Not applicable.

23b. Section 508: If applicable, Section 508 compliance information on Electronic and Information Technology (EIT) supplies and services will be addressed on a task order basis. The EIT standards can be found at www.Section508.gov. N/A

24. Data Universal Numbering System (DUNS) Number: 08-1004398

25. Notification regarding registration in The System for Award Management: Armavel, LLC is registered in SAM.
518210C  Cloud and Cloud-Related IT Professional Services

Includes commercially available Cloud computing services such as Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS) and emerging Cloud services. IT professional services that are focused on providing the types of services that support the Government’s adoption of migration to or governance/management of Cloud computing. Specific labor categories and/or fixed price solutions (e.g., migration services, etc.) that support activities associated with assessing Cloud solutions, refactoring workloads for Cloud solutions, migrating legacy or other systems to Cloud solutions, providing management/governance of Cloud solutions, DevOps, developing Cloud native applications or other Cloud oriented activities.

NOTE: Subject to Cooperative Purchasing

Labor Category Descriptions Specific to 518210C

Cloud Analyst, Junior

A Cloud Analyst, Junior performs analysis activities to support business decisions relative to the development, enhancement, and maintenance of Cloud IT products and services. Responsible for analyzing technical and business processes. Responsible for analyzing data and/or Cloud information systems, including analysis of Cloud system architecture and associated resources (e.g., functional implementation of applications, databases, platforms, etc.). May include data analysis responsibilities including reliability, integrity, associated processes, and business logic. Coordinates and participates in Cloud IT proposals, feasibility studies, and implementations.

Minimum Education and Years of Experience:  Bachelors  1

Cloud Applications/Systems Analyst, Senior

A Cloud Application/Systems Analyst, Senior analyzes and troubleshoots complex Cloud IT systems with multiple applications and/or integrations. Evaluates usability, performance, and system security factors. Proactively tests and analyzes systems to uncover hidden problems. Evaluates current Cloud system performance, cost, and compatibility attributes in comparison to commercial off-the-shelf software and/or development applications and makes recommendations for enhancement, redesign, and Cloud migration. Studies Cloud application performance across multiple dimensions of operation and develops recommendations to improve development, security, and/or operations. Works with Software Design and Development groups to analyze Cloud software applications for functionality, performance, and interoperability with other systems. Communicates effectively to both technical and non-technical groups including executive leadership.

Minimum Education and Years of Experience:  Bachelors  3

Cloud Architect, Senior

A Cloud Architect, Senior is responsible for providing knowledge and expertise as well as technical direction and management to support designing, developing, implementing, and utilizing enterprise Cloud architecture application solutions, strategies, processes, and standards. Collaborates with clients, analysts,
engineers, development teams, and infrastructure services to define, establish, and communicate Cloud application and data architecture standards, policies, and directions. Provides guidance and supervision to daily support staff. Develops and coordinates Cloud architecture across diverse areas including application development, identity and access management, network, and data management. Drives the introduction of the Cloud infrastructure within the organization’s computing environment. Leads the advancement, change, and work towards the adoptions and ease of use of Cloud technologies.

**Minimum Education and Years of Experience:** Bachelors 7

**Cloud Business Analyst, Senior**

A Cloud Business Analyst, Senior analyzes Cloud business and information environments, activities, and events. Has deep knowledge of Cloud data analysis, trend finding, and patterns. Can identify risks and offer solutions for improving processes that will improve overall agency performance. Verifies, tracks, reports, schedules, organizes, and documents new user requirements and system updates. Develops programmatic Cloud processes for functional requirement documents and new user requirements. Coordinates the review and analysis of functional specifications leading to design modules and Program specification requirements. Performs configuration management. Plans and analyzes requirements to determine feasibility of Cloud design within time and cost constraints. Coordinates the implementation, documentation, testing, operation, and maintenance of Cloud Program modules. Performs with some latitude for unreviewed actions and decisions. Has experience leading or managing teams to effectively reach goals and complete Programs or projects.

**Minimum Education and Years of Experience:** Bachelors 7

**Cloud Business Process Analyst**

A Cloud Business Process Analyst analyzes Cloud business and information environments, activities, workflows, and events. Has deep knowledge of data analysis, trend finding, and patterns. Identifies risks and offers solutions for improving processes that will improve overall agency performance. Can also lead or manage a Program or project. Performs Cloud information technology analysis activities to support business decisions relative to the development, enhancement, and maintenance of Cloud products and services applicable to multiple lines of business. Responsible for analyzing technical and business processes and data and/or information systems, including analysis of system architecture and associated hardware/software (e.g., functional implementation of each application, database, platform, etc.). Performs data analysis in areas including reliability, integrity, associated processes, and business logic. Anticipates and identifies user problems and needs. Recommends Cloud process solutions based on analysis of activities, customer requirements, industry trends, and best practices/authoritative guidance. Leads, plans, schedules, and controls complex Cloud projects and activities with customers, support groups, and vendors on concurrent projects. Applies Cloud IT business and industry knowledge to develop project specifications. Advises on methods to improve business processes and remove non-value-added activities. Coordinates and participates in proposals, feasibility studies, and implementations. Leads training activities for knowledge transfer and builds relationships with multiple customer/business levels.

**Minimum Education and Years of Experience:** Bachelors 7
Cloud Cybersecurity Engineer, Mid-level

A Cloud Cybersecurity Engineer, Mid-level has experience with Cloud Cybersecurity Policy and threat mitigation. Is well-versed in cybersecurity tools, network topologies, intrusion detection, PKI, and secured networks. Has familiarity and experience with the implementation of Cloud Cybersecurity regulations. Is involved with defining/ameliorating Cloud policies, including the Disaster Recovery Policy for client organizations. Contributes to planning, implementing, managing, monitoring, and upgrading Cloud Cybersecurity measures for the protection of the organization’s data, systems, and networks. Conducts monitoring, intrusion detection, and data encryption. Takes quick and effective corrective measures in the event of a breach. Provides technical knowledge and analysis of Cloud information assurance, to include applications; operating systems; internet and intranet; networks; risk assessment; emergency preparedness; Cloud Cybersecurity awareness and training. Provides analysis of existing Cloud system's vulnerability to possible intrusions, resource manipulation, resource denial and destruction of resources. Provides technical support and analysis to document organizational information protection framework and supports Cloud policy and procedures preparation and implementation. Monitors firewall and other security-relevant logs. Analyzes Cloud system security, conduct gap analysis, determine enterprise information security standards, and develop and implement information security standards and procedures.

Minimum Education and Years of Experience:  Bachelors  3

Cloud Cybersecurity Engineer, Senior

A Cloud Cybersecurity Engineer, Senior has extensive experience in all aspects of Cloud Cybersecurity with a vast array of Cloud resources involving end user as well as enterprise level resources. Has experience designing and implementing Cloud Cybersecurity systems that meet agency Cybersecurity policy and regulations. Has extensive experience in cybersecurity tools, network topologies, intrusion detection, PKI, and secured networks. Responsible for defining/ameliorating the organization’s Cloud Policy, including the Disaster Recovery Policy for client organizations. Responsible for ensuring that the organization's Cloud resources as well as information are secure by constantly monitoring intrusion detection, data encryption, and taking quick and effective corrective measures in the event of a breach. Provides technical knowledge and analysis of Cloud information assurance, to include cybersecurity assessments of applications, operating systems, internet, intranet, physical security, networks, risk assessment, contingency planning, emergency preparedness, security awareness, and security training. Provides analysis of existing Cloud system's vulnerability to possible intrusions, resource manipulation, resource denial, and destruction of resources. Provides technical support and analysis to document organizational information protection framework and supports Cloud policy and procedures preparation and implementation. Monitors security logs and related resources. Provides technical support and analysis to document organizational information protection framework and supports Cloud policy and procedures preparation and implementation. Monitors firewall and other security-relevant logs. Analyzes the Cloud system security, conduct gap analysis, determine enterprise information security standards, and develop and implement information security standards and procedures.

Minimum Education and Years of Experience:  Bachelors  7
Cloud Developer, Senior

A Cloud Developer, Senior creates software development plans and strategies optimized to Cloud environments and resources. Has extensive experience in developing and implementing algorithms. Has experience in database design. Conducts quality control of Cloud software development and oversees work of developers. Conducts proactive risk identification and mitigation of Cloud software development process. Has experience in devising possible solutions to predicted problems, evaluating other options, working as part of a team to write specific code sections and test scripts, combining code and test elements, and testing sample datasets to check that the developed system or sub-system works as intended. Can also lead or manage a Program or project. Leads business logic and data modeling activities associated with Cloud application development. Directs the activities of programmers and analysts in the performance of detailed analysis, building Cloud software development tools and pipelines, and in producing high-performance software resources that will be consumed by other development teams and mission-critical systems. Responsible for measuring software performance through project design, implementation, and evaluation of results. Establishes and supervises Cloud software design efforts necessary to integrate new compute and storage resources and code in applicable languages using standard requirements documentation (e.g., detailed flow diagrams, input/output descriptions, performance specifications, etc.). Directs and participates in the development of manuals and user guides for programmers and operating staff.

Minimum Education and Years of Experience: Bachelors 7

Cloud Functional Analyst, Senior

A Cloud Functional Analyst, Senior provides functional expertise necessary to interpret Cloud IT requirements, ensure responsiveness and achieve successful performance. Has specialized functional and technical knowledge. Provides insight and advice concerning Cloud task or project strategic direction and outcomes. Resolves complex problems which require an in-depth understanding of subject matter related to the designated field or discipline. Possesses demonstrated ability and experience in consulting and cross-team facilitation. Directs the activities of specialists or other staff as necessary related to the specified field or discipline. Oversees Cloud projects and teams ensuring achievement of goals. Has experience proposing new solutions for problems in the areas of their functional expertise. Works and analyzes both independently and as part of a team. May have latitude to make unsupervised actions and decisions.

Minimum Education and Years of Experience: Bachelors 7

Cloud Functional Area Expert, Mid-level

A Cloud Functional Area Expert, Mid-Level is knowledgeable about key Cloud Program topics in their functional area. Develops, directs, and manages functional approach and strives to improve work processes, products, and services. Possess deep understanding of Cloud Program and client needs. Strategically manages Cloud Program area and develops product and service vision. Is responsible for building and successfully maintaining integrated project management structure for Cloud Projects. Meets regularly with government personnel to discuss performance, propose initiatives, and establish priorities. Has experience managing Cloud-related projects. Is well versed in Cloud life cycle and project management methodologies. Has experience in tracking costs, schedules, and performance progress. Identifies and mitigates risks. Maintains project status documentation, gives regular updates to the account
manager, give technical presentations to the client representatives, and periodically attends status meetings with client representatives.

**Minimum Education and Years of Experience:** Bachelors 3

**Cloud Functional Area Expert, Senior**

A Cloud Functional Area Expert, Senior has experience and deep knowledge of business, functional and technical areas/disciplines related to Cloud IT and is able to conduct research on special areas. Has experience evaluating, analyzing, and proposing new Cloud solutions to problems in the areas of their specific expertise. Works and analyzes both independently and as part of a team. May be required to manage a team of functional area experts. Develops, directs, and manages a strategic approach to Cloud initiatives and strives to improve work processes, products, and services. Possesses deep understanding of Cloud Program and client needs. Strategically manages Program area and develops product and service vision. Meets regularly with government personnel to discuss performance, propose Cloud initiatives, and establish priorities. Has experience managing Cloud related projects. Effectively identifies and mitigates risks. Maintains Cloud project status documentation, gives regular updates to the account manager and executive stakeholders, gives technical presentations to client representatives, and drives Program progress.

**Minimum Education and Years of Experience:** Bachelors 7

**Cloud Program Analyst, Mid-level**

A Cloud Program Analyst, Mid-level possesses a fundamental understanding of Cloud implementation and operations management best practices. Leads and supports tasks, including deliverable development, on Cloud engagements such as technology strategy, architecture, and service management; Cloud Cybersecurity; Cloud systems integration; and data analytics. Creates and/or pursues project deliverables. May guide and coach other analysts in deliverable development. Diagnoses issues while demonstrating an understanding of the client environment and overall project scope. Is experienced in the ability to work independently, under general guidance; has ability to lead Cloud project deliverables through to completion; and has experience working in teams and in a team environment that is process-oriented and deadline-driven. Has professional oral and written communication skills. Has problem-solving and troubleshooting skills with the ability to exercise mature judgment.

**Minimum Education and Years of Experience:** Bachelors 3

**Cloud Program Manager, Senior**

A Cloud Program Manager, Senior has extensive experience leading diverse Cloud projects. Strategically manages one or more multi-faceted Programs, developing products and service vision. Is responsible for building and successfully maintaining integrated management structure and evaluating overall performance. Manages subcontractor and Program financials. Meets regularly with government Program managers to discuss performance, propose initiatives, and establish priorities. May include conducting studies, preparing impact statements, evaluating Cloud Program development, collecting project documentation, performing data collection, providing data analysis/evaluation, creating migration strategies, and providing project management regulatory compliance support. Translates mission and
high-level organizational performance requirements into broad Cloud goals, objectives, and approaches to achieving desired results. May include analysis of mission and Cloud Program goals and objectives, organizational performance assessment, special studies and analysis, and development of a requirements statement or exploration of operational concepts for use in policy and decision making. Conducts analysis and develop concepts in support of Cloud Program requirements. Tracks costs, schedules, and performance progress. Identifies and mitigates risks. Manages and communicates effectively with their team or teams. Prioritizes tasks and efforts efficiently to achieve important strategic goals.

**Minimum Education and Years of Experience:** Bachelors 7

**Cloud Project Manager**

A Cloud Project Manager manages a team of Cloud technical and functional experts. Develops, directs, and manages project approach and strives to improve work processes, products, and services. Is responsible for deliverables, schedule compliance, and overall project compliance. Strategically manages Cloud project area and develops product and service vision. Is responsible for building and successfully maintaining Cloud project management structure and overseeing project financials. Meets regularly with government Program manager to discuss performance, propose Cloud initiatives, and establish priorities. Has experience managing Cloud projects. Is well versed in life cycle and project management methodologies. Has experience in tracking costs, schedules, and performance progress. Identifies and mitigates risks. Maintains project status documentation, gives regular updates to the account manager, gives technical presentations to client representatives, and attends status meetings with client representatives. Reports to the Program Manager for the contract.

**Minimum Education and Years of Experience:** Bachelors 5

**Cloud Software/System Architect, Junior**

A Cloud Software/System Architect, Junior supports the development of system requirements and design specifications for Cloud systems. Contributes to Cloud architecture to include the software, hardware, and communications to support the total requirements as well as provide for cross-functional requirements and interfaces. Contributes to efforts ensuring that Cloud systems are compatible and in compliance with the standards for systems architecture and security concerns. Evaluates problems in workflows, organization, and planning, and develops appropriate corrective action. May contribute to the design and development of new software products or major enhancements to existing software. Supports technical architectural design reviews for major business applications and technology initiatives. Reports to more senior technical and/or project leaders.

**Minimum Education and Years of Experience:** Bachelors 1

**Cloud Software/System Architect, Senior**

A Cloud Software/System Architect, Senior is responsible for establishing system requirements and design specifications in the development of enterprise-wide or large-scale Cloud systems. Designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for cross-functional requirements and interfaces. Ensures Cloud systems are compatible and in compliance with the standards for systems architecture. Evaluates problems in workflows, organization,
and planning, and develops appropriate corrective action. Is responsible for the establishment and maintenance of an overall Cloud architecture relevant to and consistent with the client's business and technology direction and objectives. Designs and develops new Cloud software products or major enhancements to existing software. Addresses problems of systems integration, compatibility, and multiple platforms. Develops Cloud technical and application architectures and participates in setting technology direction and standards. Provides technical architectural design reviews for major Cloud applications and technology initiatives. Facilitates linkage with key business areas by understanding enterprise requirements and by communicating Cloud architecture frameworks best practices and standards. Develops recommendations and requirements for legacy applications to evolve towards conformance with target architecture. Continually reviews the client's applications, workflows, systems, network management, and network infrastructure for opportunities to improve effectiveness and efficiency.

**Minimum Education and Years of Experience:** Bachelor's degree 7

**Cloud Subject Matter Expert I**

A Cloud Subject Matter Expert I is responsible for providing technical knowledge and analysis of moderately specialized Cloud related applications, systems, and operational environments. Provides systems analysis, design, integration, documentation, and implementation advice on moderately complex problems that require expert knowledge of the subject matter. Applies quantitative/analytical principles and methods to difficult, narrowly-defined technical problems in Cloud engineering or other scientific/professional applications to meet task order requirements and arrive at efficient, scalable Cloud solutions. Has expertise in Cloud industry issues and trends gained through direct industry experience. Guides the determination of Cloud inadequacies and/or deficiencies that affect the project team's ability to support organizational targets. Generates Program strategies for enhanced Cloud operations in a cross-functional mode throughout the customer's team. Works with customer and stakeholder executives to provide vision and direction in support of enterprise goals.

**Minimum Education and Years of Experience:** Bachelor's degree 7

**Cloud Subject Matter Expert II**

A Cloud Subject Matter Expert II is responsible for providing technical knowledge and analysis of moderately specialized Cloud-related applications, systems, and operational environments. Provides systems analysis, design, integration, documentation, and implementation advice on moderate-to-highly complex problems that require expert knowledge of the subject matter. Applies quantitative/analytical principles and methods to difficult, broadly defined technical problems in Cloud engineering or other scientific/professional applications to meet task order requirements and arrive at efficient, scalable Cloud solutions. Has strong expertise in Cloud industry issues and trends gained through direct industry experience. Guides the determination of Cloud inadequacies and/or deficiencies that affect the Program team’s ability to support organizational targets. Generates Program strategies for enhanced Cloud operations in a cross-functional mode throughout the customer’s department or division. Works with customer and stakeholder executives to provide vision and direction in support of enterprise goals.

**Minimum Education and Years of Experience:** Bachelor's degree 10
Cloud Subject Matter Expert III

A Cloud Subject Matter Expert III is responsible for providing technical knowledge and analysis of moderately specialized Cloud-related applications, systems, and operational environments. Provides systems analysis, design, integration, documentation, and implementation advice on highly complex problems that require expert knowledge of the subject matter. Applies quantitative/analytical principles and methods to difficult, enterprise-wide technical problems in Cloud engineering or other scientific/professional applications to meet task order requirements and arrive at efficient, scalable Cloud solutions. Has very strong expertise in Cloud industry issues and trends gained through direct industry experience. Guides the determination of Cloud inadequacies and/or deficiencies that affect multiple Program team's ability to support organizational targets. Generates Program strategies for enhanced Cloud operations in a cross-functional mode throughout the enterprise. Works with customer and stakeholder executives to provide vision and direction in support of enterprise goals.

Minimum Education and Years of Experience:  Bachelors  13

Cloud Subject Matter Expert IV

A Cloud Subject Matter Expert IV utilizes subject matter area expertise gained through direct industry experience to provide technical, managerial, and administrative direction for problem definition, analysis, requirements development and implementation for complex Cloud IT environments. Guides the determination of IT, engineering, and business process inadequacies and deficiencies that affect the functional area's ability to support/meet organizational goals. Participates in strategy sessions, strategic assessments, and design reviews to validate enterprise approach and associated work products. Provides guidance and direction to other professionals, acts in a consulting and/or advisory capacity, coordinates resolution of highly complex problems and tasks. Makes recommendations and advises on organization-wide system improvements, optimization, or maintenance efforts. Recognized for strong expertise in industry issues and trends. In general, work complexity and responsibility will be greater at higher levels.

Minimum Education and Years of Experience:  Masters  14

Cloud Subject Matter Expert V

A Cloud Subject Matter Expert V is responsible for overall direction, management of resources, quality assurance, timeline management, issue resolution and execution of Cloud IT implementation and consulting projects. Drives client thinking and acts as thought leader. Supports client partner in defining client agenda and/or corporate strategy. Develops overall administrative, financial and time commitments for multiple projects in complex-to-highly-complex Cloud IT environments and sets overall goals for each. Oversees all project teams by developing work plans and managing project execution timelines. Leads high-visibility, mission-critical projects in an area of relevant Cloud consulting such as Cloud strategy development, Cloud suitability assessment, application development, application rationalization, configuration management, business process analysis, DevSecOps pipeline establishment, information assurance, quality assurance, solutions architecture, systems analysis and engineering, system administration, application and data migration, Cloud environment management/sustainment or a related field. In general, work complexity and responsibility will be greater at higher levels.

Minimum Education and Years of Experience:  Masters  17
Cloud Technical Writer

A Cloud Technical Writer supports the development and production of a variety of Cloud IT related documentation for clients and their customers. Documents prepared for client use include user guides, reference manuals, program maintenance manuals, document coding manuals, presentations, and other forms of documentation for Cloud infrastructure, systems, environments, applications, and technologies. Documents prepared for client customers may include research reports, statistical summaries, and other types of publications that contain technical language. May also write and edit material for online access and dissemination via the Internet, which requires special attention toward minimizing the use of technical terminology for ease of understanding by the general public.

Minimum Education and Years of Experience:  Bachelors  3

Cloud Technical Writer/Editor, Senior

A Cloud Technical Writer/Editor, Senior leads the development and production of a variety of Cloud IT related documentation for clients and their customers. Edits documentation prepared by others and assures that material prepared for release meets all customer standards and style guides. Documents prepared for client use include user guides, reference manuals, program maintenance manuals, document coding manuals, presentations, and other forms of documentation for Cloud infrastructure, systems, environments, applications, and technologies. Documents prepared for client customers may include research reports, statistical summaries, and other types of publications that contain technical language. May also write and edit material for online access and dissemination via the Internet, which requires special attention toward minimizing the use of technical terminology for ease of understanding by the general public.

Minimum Education and Years of Experience:  Bachelors  5
Armavel, LLC GSA MAS PRICE LIST

518210C Cloud and Cloud-Related IT Professional Services

Rates inclusive of GSA Industrial Funding Fee (IFF) of 0.75% and any discounts.

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54151HEAL Health Information Technology Services

Includes a wide range of Health IT services to include connected health, electronic health records, health information exchanges, health analytics, personal health information management, innovative Health IT solutions, health informatics, emerging Health IT research, and other Health IT services.

NOTE: Subject to Cooperative Purchasing

Labor Category Descriptions Specific to 54151HEAL

Health IT Analyst, Junior

A Health IT Analyst, Junior performs information technology analysis activities to support business decisions relative to the development, enhancement, and maintenance of products and services applicable to healthcare environments. Responsible for technically analyzing healthcare-related business processes and data and/or information systems, including analysis of system architecture and associated hardware/software (e.g., functional implementation of applications, databases, platforms, etc.) May include data analysis responsibilities including reliability, integrity, associated processes, business logic, etc. Coordinates and participates in proposals, feasibility studies, and implementations.

Minimum Education and Years of Experience: Bachelors 1

Health IT Applications/Systems Analyst, Senior

A Health IT Application/Systems Analyst, Senior analyzes and troubleshoots complex Health IT systems with multiple applications and/or integrations. Evaluates usability, performance, and system security factors. Proactively tests and analyzes systems to uncover hidden problems. Evaluates current system performance, cost, and compatibility attributes in comparison to commercial off-the-shelf software and/or development applications and makes recommendations for enhancement, redesign, and/or migration. Studies application performance across multiple dimensions of operation and develops recommendations to improve development, security, and/or operations. Works with Software Design and Development groups to analyze software applications for functionality, performance, and interoperability with other systems. Communicates effectively to both technical and non-technical groups including executive leadership.

Minimum Education and Years of Experience: Bachelors 3

Health IT Architect, Senior

A Health IT Architect, Senior has extensive experience in coordinating with Program and project leaders to analyze healthcare system architectures. Thoroughly identifies strategies for addressing requirements, risks, and issues. Conducts detailed trade-off analysis of requirements against fiscal, schedule, and performance issues. Quickly resolves issues and creates architectural vision. Can also lead or manage a Program or project. Significantly contributes to the establishment and maintenance of an overall Health IT architecture relevant to, and consistent with, business and technology direction and objectives. Participate in setting Health IT technology direction and standards. Provides technical architectural design reviews for major business applications and technology initiatives. Facilitates linkage with key business areas by understanding enterprise requirements and by communicating architecture frameworks best practices and standards. Develops recommendations and requirements for legacy Health IT applications to evolve
towards conformance with target architecture. Continually reviews healthcare applications, workflow, systems, and network management and network infrastructure, identifying opportunities to improve effectiveness and efficiency. Effectively communicates and recommends measures to improve Health IT application performance to both technical and non-technical groups within and external to the organization. Manages teams and ensure projects are completed.

**Minimum Education and Years of Experience:** Bachelor’s 7

**Health IT Business Analyst, Senior**

A Health IT Business Analyst, Senior analyzes Health IT business and information environments, activities, and events. Has deep knowledge of data analysis, trend finding, and patterns. Identifies risks and offers solutions for improving processes that will improve overall agency performance. Verifies, tracks, reports, schedules, organizes, and documents new user requirements and system updates. Develops programmatic processes for functional requirement documents and new user requirements. Coordinates the review and analysis of functional specifications leading to design modules and Program specification requirements. Performs configuration management. Plans and analyzes requirements to determine feasibility of design within time and cost constraints. Coordinates the implementation, documentation, testing, operation, and maintenance of Program modules. Performs with some latitude for unreviewed actions and decisions. Has experience leading or managing teams to effectively reach goals and complete Programs or projects.

**Minimum Education and Years of Experience:** Bachelor’s 7

**Health IT Business Process Analyst**

A Health IT Business Process Analyst analyzes Health IT business and information environments, activities, workflows, and events. Has deep knowledge of data analysis, trend finding, and patterns. Identifies risks and offers solutions for improving processes that will improve overall agency performance. Can also lead or manage a Program or project. Performs information technology analysis activities to support business decisions relative to the development, enhancement, and maintenance of Health IT products and services applicable to multiple lines of business. Responsible for analyzing technical and business processes and data and/or information systems, including analysis of system architecture and associated hardware/software (e.g., functional implementation of each application, database, and platform). Data analysis, including reliability, integrity, associated processes, business logic, etc., is also included. Anticipates and identifies user problems and needs. Recommends process solutions based on analysis of activities, customer requirements, industry trends, and best practices/authoritative guidance. Leads, plans, schedules, and controls complex projects and activities with customers, support groups, and vendors on concurrent projects. Applies extensive business and industry knowledge to develop project specifications. Advises on methods to improve business processes and remove non-value-added activities. Coordinates and participates in proposals, feasibility studies, and implementations. Leads training activities for knowledge transfer and builds relationships with multiple customer/business levels.

**Minimum Education and Years of Experience:** Bachelor’s 7
**Health IT Developer, Senior**

A Health IT Developer, Senior creates software development plans and strategies optimized to a Health IT environment. Has extensive experience in developing and implementing algorithms. Has experience in database design. Oversees work of developers. Conducts quality control of software development and proactive risk identification and mitigation of software development process. Has experience in devising possible solutions to predicted problems, evaluating other options, working as part of a team to write specific code sections and test scripts, combining code and test elements, and testing sample datasets to check that the developed system or sub-system works as intended. Can also lead or manage a Program or project. Leads business logic and data modeling activities associated with Health IT system development. Directs the activities of programmers and analysts in the performance of detailed analysis, building Health IT software development tools and pipelines, and in producing high-performance software resources that will be consumed by other Health IT development teams and mission-critical systems. Responsible for measuring software performance through project design, implementation, and evaluation of results. Establishes and supervises software design efforts necessary to integrate new compute and storage resources and code in applicable languages using standard requirements documentation (e.g., detailed flow diagrams, input/output descriptions, performance specifications, etc.). Directs and participates in the development of manuals and user guides for programmers and operating staff.

**Minimum Education and Years of Experience:** Bachelors 7

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**Health IT Functional Analyst, Senior**

A Health IT Functional Analyst, Senior provides functional expertise necessary to interpret Health IT requirements, ensure responsiveness and achieve successful performance. Has specialized functional and technical knowledge. Provides insight and advice concerning Health IT task or project strategic direction and outcomes. Resolves analytical problems which require an in-depth understanding of the designated field or discipline. Possesses demonstrated ability and experience in consulting and cross-team facilitation. Directs the activities of specialists or other staff as necessary related to the specified field or discipline. Oversees Health IT projects and teams ensuring achievement of goals. Has experience proposing new solutions for problems in the areas of their functional expertise. Works and analyzes both independently and as part of a team. May have latitude to make unsupervised actions and decisions.

**Minimum Education and Years of Experience:** Bachelors 7

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**Health IT Functional Area Analyst, Senior**

A Health IT Functional Area Analyst, Senior has extensive experience with diverse Health IT projects. Has significant analytical knowledge and experience in their functional area. Strategically develops product and service vision. Is responsible for building and successfully maintaining integrated management structure and evaluating overall performance. Meets regularly with government Program managers to discuss performance, propose Health IT initiatives, and establish priorities. May include conducting studies, preparing impact statements, evaluating Program development, collecting project documentation, data collection, providing data analysis/evaluation, migration strategy and project management regulatory compliance support. Translates mission and high-level organizational performance requirements into strategic goals, objectives, and approaches to achieving desired results. May include analysis of mission, Health IT Program goals and objectives, requirements, organizational performance assessment, special studies and analysis, and exploration of operational Health IT concepts for use in policy and decision
making. Conducts analysis and develops concepts in support of Health IT Program requirements. Manages and communicates effectively with their team or teams. Prioritizes efficiently to achieve important strategic client goals.

**Minimum Education and Years of Experience:** Bachelors 7

**Health IT Functional Area Expert, Mid-level**

A Health IT Functional Area Expert, Mid-Level is knowledgeable about key Health IT Program topics in their functional area. Develops, directs, and manages functional approach and strives to improve work processes, products, and services. Possess deep understanding of Health IT Program and client needs. Strategically manages Health IT Program area and develops product and service vision. Is responsible for building and successfully maintaining integrated Health IT project management structure. Meets regularly with government personnel to discuss performance, propose initiatives, and establish priorities. Has experience managing Health IT related projects. Is well versed in Health IT life cycle and project management methodologies. Has experience in tracking costs, schedules, and performance progress. Identifies and mitigates risks. Maintains project status documentation, gives regular updates to the account manager, gives technical presentations to the client representatives, and periodically attends status meetings with client representatives.

**Minimum Education and Years of Experience:** Bachelors 3

**Health IT Functional Area Expert, Senior**

A Health IT Functional Area Expert, Senior has experience and deep knowledge of business, functional and technical areas/disciplines related to Health IT and conducts research on special areas. Has experience evaluating, analyzing, and proposing new Health IT solutions for problems in the areas of their specific expertise. Works and analyzes both independently and as part of a team. May be required to manage a team of functional area experts. Develops, directs, and manages a strategic approach to Health IT initiatives and strives to improve work processes, products, and services. Possesses deep understanding of Health IT Program and client needs. Strategically manages Program areas and develops product and service vision. Meets regularly with government personnel to discuss performance, propose Health IT initiatives, and establish priorities. Has experience managing Health IT-related projects. Effectively identifies and mitigates risks. Maintains Health IT project status documentation, gives regular updates to the account manager and executive stakeholders, gives technical presentations to client representatives, and drives Program progress.

**Minimum Education and Years of Experience:** Bachelors 7

**Health IT Program Analyst, Mid-level**

A Health IT Program Analyst, Mid-level possesses a fundamental understanding of Health IT implementation and operations management best practices. Leads and supports tasks, including deliverable development, on Health IT engagements such as technology strategy, architecture, and service management, Health IT security, Health IT systems integration, and data analytics. Creates and/or pursues project deliverables. May guide and coach other analysts in deliverable development. Diagnoses issues while demonstrating an understanding of the client environment and overall project scope.
experienced in the ability to work independently under general guidance. Has ability to lead Health IT project deliverables through to completion. Has experience working in teams and in a team environment that is process-oriented and deadline-driven using professional oral and written communication skills. Has problem-solving and troubleshooting skills with the ability to exercise mature judgment.

Minimum Education and Years of Experience: Bachelors 3

**Health IT Program Manager, Senior**

A Health IT Program Manager, Senior has extensive experience leading diverse Health IT projects. Strategically manages one or more multi-faceted Programs, developing products and service vision. Is responsible for building and successfully maintaining integrated management structure and evaluating overall performance. Manages subcontractor and Program financials. Meets regularly with government Program managers to discuss performance, propose initiatives, and establish priorities. May include conducting studies, preparing impact statements, evaluating Health IT Program development, collecting project documentation, performing data collection, providing data analysis/evaluation, creating migration strategies, and providing project management regulatory compliance support. Translates mission and high level organizational performance requirements into broad Health IT goals, objectives, and approaches to achieving desired results. May include analysis of mission and Health Program goals and objectives, Health IT requirements analysis, organizational performance assessment, special studies and analysis, and development of a requirements statement or exploration of operational concepts for use in policy and decision making. Conducts analysis and develops concepts in support of Health IT Program requirements. Tracks costs, schedules, and performance progress. Identifies and mitigates risks. Manages and communicates effectively with their team or teams. Prioritizes tasks and efforts efficiently to achieve important strategic goals.

Minimum Education and Years of Experience: Bachelors 7

**Health IT Project Manager**

A Health IT Project Manager manages a team of Health IT technical and functional professionals. Develops, directs, and manages project approach and strives to improve work processes, products, and services. Is responsible for deliverables, schedule compliance, and overall project compliance. Strategically manages Health IT project area and develops product and service vision. Is responsible for building and successfully maintaining Health IT project management structure and overseeing project financials. Meets regularly with government Program manager to discuss performance, propose Health IT initiatives, and establish priorities. Has experience managing Health IT projects. Is well versed in life cycle and project management methodologies. Has experience in tracking costs, schedules, and performance progress. Identifies and mitigates risks. Maintains project status documentation, gives regular updates to the account manager, gives technical presentations to client representatives, and attends status meetings with client representatives. Reports to the Program Manager for the contract.

Minimum Education and Years of Experience: Bachelors 5
Health IT Software/System Architect, Junior

A Health IT Software/System Architect, Junior supports the development of system requirements and design specifications for Health IT systems. Contributes to Health IT architecture to include the software, hardware, and communications to support the total requirements as well as provide for cross-functional requirements and interfaces. Contributes to efforts ensuring that Health IT systems are compatible and in compliance with the standards for systems architecture and security concerns. Evaluates problems of workflow, organization, and planning, and develops appropriate corrective action. May contribute to the design and development of new software products or major enhancements to existing software. Supports technical architectural design reviews for major business applications and technology initiatives. Reports to more senior technical and/or project leaders.

Minimum Education and Years of Experience:  Bachelors  1

Health IT Software/System Architect, Senior

A Health IT Software/System Architect, Senior is responsible for establishing system requirements and design specifications in the development of enterprise-wide or large-scale Health IT systems. Designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for cross-functional requirements and interfaces. Ensures Health IT systems are compatible and in compliance with the standards for systems architecture. Evaluates problems in workflows, organization, and planning, and develops appropriate corrective action. Is responsible for the establishment and maintenance of an overall Health IT architecture relevant to and consistent with the client's business and technology direction and objectives. Designs and develops new Health IT software products or major enhancements to existing software. Addresses problems of systems integration, compatibility, and multiple platforms. Develops Health IT technical and application architectures and participates in setting technology direction and standards. Provides technical architectural design reviews for major Health IT applications and technology initiatives. Facilitates linkage with key business areas by understanding enterprise requirements and by communicating Health IT architecture frameworks best practices and standards. Develops recommendations and requirements for legacy applications to evolve towards conformance with target architecture. Continually reviews the client's applications, workflow, systems, network management, and network infrastructure for opportunities to improve effectiveness and efficiency.

Minimum Education and Years of Experience:  Bachelors  7

Health IT Subject Matter Expert I

A Health IT Subject Matter Expert I is responsible for providing technical knowledge and analysis of moderately specialized Health IT related applications, systems, and operational environments. Provides systems analysis, design, integration, documentation, and implementation advice on moderately complex problems that require expert knowledge of the subject matter. Applies quantitative/analytical principles and methods to difficult, narrowly defined technical problems in Health IT engineering or other scientific/professional applications to meet task order requirements and arrive at efficient, scalable Health IT solutions. Has expertise in Health IT industry issues and trends gained through direct industry experience. Guides the determination of Health IT inadequacies and/or deficiencies that affect the project team’s ability to support organizational targets. Generates Program strategies for enhanced Health IT
operations in a cross-functional mode throughout the customer’s team. Works with customer and stakeholder executives to provide vision and direction in support of enterprise goals.

**Minimum Education and Years of Experience:**  Bachelors 7

**Health IT Subject Matter Expert II**

A Health IT Subject Matter Expert II is responsible for providing technical knowledge and analysis of moderately specialized Health IT related applications, systems, and operational environments. Provides systems analysis, design, integration, documentation, and implementation advice on moderate-to-highly complex problems that require expert knowledge of the subject matter. Applies quantitative/analytical principles and methods to difficult, broadly defined technical problems in Health IT engineering or other scientific/professional applications to meet task order requirements and arrive at efficient, scalable Health IT solutions. Has strong expertise in Health IT industry issues and trends gained through direct industry experience. Guides the determination of Health IT inadequacies and/or deficiencies that affect the Program team’s ability to support organizational targets. Generates Program strategies for enhanced Health IT operations in a cross-functional mode throughout the customer’s department or division. Works with customer and stakeholder executives to provide vision and direction in support of enterprise goals.

**Minimum Education and Years of Experience:**  Bachelors 10

**Health IT Subject Matter Expert III**

A Health IT Subject Matter Expert III is responsible for providing technical knowledge and analysis of moderately specialized Health IT related applications, systems, and operational environments. Provides systems analysis, design, integration, documentation, and implementation advice on highly complex problems that require expert knowledge of the subject matter. Applies quantitative/analytical principles and methods to difficult, enterprise-wide technical problems in Health IT engineering or other scientific/professional applications to meet task order requirements and arrive at efficient, scalable Health IT solutions. Has very strong expertise in Health IT industry issues and trends gained through direct industry experience. Guides the determination of Health IT inadequacies and/or deficiencies that affect multiple Programs’ ability to support organizational targets. Generates Program strategies for enhanced Health IT operations in a cross-functional mode throughout the enterprise. Works with customer and stakeholder executives to provide vision and direction in support of enterprise goals.

**Minimum Education and Years of Experience:**  Bachelors 13
Armavel, LLC GSA MAS PRICE LIST

54151HEAL Health Information Technology Services

Rates inclusive of GSA Industrial Funding Fee (IFF) of 0.75% and any discounts.

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54151S Information Technology Professional Services

IT Professional Services and/or labor categories for database planning and design; systems analysis, integration, and design; Programming, conversion, and implementation support; network services, data/records management, and testing.

NOTE: Subject to Cooperative Purchasing

Labor Category Descriptions Specific to 54151S

IT Analyst, Junior
An IT Analyst, Junior performs information technology analysis activities to support business decisions relative to the development, enhancement, and maintenance of products and services applicable to multiple lines of business. Responsible for analyzing technical and business processes and data and/or information systems, including analysis of system architecture and associated hardware/software (e.g., functional implementation of applications, databases, platforms, etc.). May include data analysis responsibilities including reliability, integrity, associated processes, business logic, etc. Coordinates and participates in proposals, feasibility studies, and implementations.

Minimum Education and Years of Experience: Bachelors  1

IT Applications/Systems Analyst, Senior
An IT Application/Systems Analyst - Senior analyzes and troubleshoots complex systems with multiple applications and/or integrations. Evaluates usability, performance, and system security factors. Proactively tests and analyzes systems to uncover hidden problems. Evaluates current system performance, cost, and compatibility attributes in comparison to commercial off-the-shelf software and/or development applications and makes recommendations for enhancement, redesign, and/or migration. Studies application performance across multiple dimensions of operation and develops recommendations to improve development, security, and/or operations. Works with Software Design and Development groups to analyze software applications for functionality, performance, and interoperability with other systems. Communicates effectively to both technical and non-technical groups including executive leadership.

Minimum Education and Years of Experience: Bachelors  3

IT Architect, Senior
An IT Architect, Senior has extensive experience in coordinating with Program and project leaders to analyze system architectures. Thoroughly identifies strategies for addressing requirements, risks, and issues. Conducts detailed trade-off analysis of requirements against fiscal, schedule, and performance issues. Quickly resolves issues and creates architectural vision. Can also lead or manage a Program or project. Significantly contributes to the establishment and maintenance of an overall IT architecture relevant to, and consistent with, business and technology direction and objectives. Participates in setting technology direction and standards. Provides technical architectural design reviews for major business applications and technology initiatives. Facilitates linkage with key business areas by understanding enterprise requirements and by communicating architecture frameworks best practices and standards. Develops recommendations and requirements for legacy applications to evolve towards conformance with target architecture. Continually reviews applications, workflow, systems, and network management and
network infrastructure, identifying opportunities to improve effectiveness and efficiency. Effectively communicates and recommends measures to improve application performance to both technical and non-technical groups within and external to the organization. Manages teams and ensure projects are completed.

**Minimum Education and Years of Experience:**  Bachelors  7

**IT Business Analyst, Senior**

An IT Business Analyst, Senior analyzes IT business and information environment, activities, and events. Has deep knowledge of data analysis, trend finding, and patterns. Identifies risks and offers solutions for improving processes that will improve overall agency performance. Verifies, tracks, reports, schedules, organizes, and documents new user requirements and system updates. Develops programmatic processes for functional requirement documents and new user requirements. Coordinates the review and analysis of functional specifications leading to design modules and Program specification requirements. Performs configuration management. Plans and analyzes requirements to determine feasibility of design within time and cost constraints. Coordinates the implementation, documentation, testing, operation, and maintenance of Program modules. Performs with some latitude for unreviewed actions and decisions. Has experience leading or managing teams to effectively reach goals and complete Programs or projects.

**Minimum Education and Years of Experience:**  Bachelors  7

**IT Business Process Analyst**

An IT Business Process Analyst analyzes IT business and information environment, activities, workflows, and events. Has deep knowledge of data analysis, trend finding, and patterns. Identifies risks and offers solutions for improving processes that will improve overall agency performance. Can also lead or manage a Program or project. Performs information technology analysis activities to support business decisions relative to the development, enhancement, and maintenance of products and services applicable to multiple lines of business. Responsible for analyzing technical and business processes and data and/or information systems, including analysis of system architecture and associated hardware/software (e.g., functional implementation of each application, database, platform, etc.). Performs data analysis in areas including reliability, integrity, associated processes, and business logic. Anticipates and identifies user problems and needs. Recommends process solutions based on analysis of activities, customer requirements, industry trends, and best practices/authoritative guidance. Leads, plans, schedules, and controls complex projects and activities with customers, support groups, and vendors on concurrent projects. Applies extensive business and industry knowledge to develop project specifications. Advises on methods to improve business processes and remove non-value-added activities. Coordinates and participates in proposals, feasibility studies, and implementations. Leads training activities for knowledge transfer and builds relationships with multiple customer/business levels.

**Minimum Education and Years of Experience:**  Bachelors  7

**IT Cybersecurity Analyst, Junior**

An IT Cybersecurity Analyst, Junior supports program efforts to ensure that the organization’s networks, as well as information, are secure. Employs continuous monitoring of intrusion detection/prevention and other
perimeter defense devices. Works to ensure appropriate data encryption (in transit and at rest) levels based on protection needs of targeted data. Maintains awareness of system/network cybersecurity posture to include vulnerability scanning to facilitate application of quick and effective corrective measures, while ensuring configuration management requirements are met. Provides technical knowledge and information assurance analysis support, to include cybersecurity assessment of applications, operating systems, internet-facing interfaces, intranet, and other interconnections. Provides technical support and analysis to document organizational information protection framework and supports policy and procedures preparation and implementation.

Minimum Education and Years of Experience:  Bachelors  1

IT Cybersecurity Analyst, Mid-level

An IT Cybersecurity Analyst, Mid-Level is responsible for ensuring that the organization's networks, as well as information, is secure. Employs continuous advanced monitoring of intrusion detection/prevention and other perimeter defense devices. Ensures appropriate data encryption (in transit and at rest) levels based on protection needs of targeted data. Maintains awareness of system/network cybersecurity posture to include vulnerability scanning to facilitate application of quick and effective corrective measures, while ensuring configuration management requirements are met. Provides technical knowledge and information assurance analysis support to include cybersecurity assessments of applications, operating systems, internet-facing interfaces, intranet, and other interconnections. Strong knowledge and experience of best practices as well as appropriate authoritative guidance for physical security, network cybersecurity, security risk assessments, critical infrastructure protection, continuity and contingency planning, emergency preparedness, security awareness, and security training. Provides in-depth analysis of existing systems vulnerabilities including possible intrusion/entry points, resource manipulation, denial of service, and/or destruction of resources. Provides technical support and analysis to document organizational information protection framework and supports policy and procedure preparation and implementation. Leads teams and has some latitude for unreviewed actions and decision making.

Minimum Education and Years of Experience:  Bachelors  3

IT Cybersecurity Analyst, Senior

An IT Cybersecurity Analyst, Senior is responsible for overseeing and ensuring that the organization's networks, as well as information, is secure. Develops and employs ways to ensure continuous monitoring of intrusion detection/prevention and other perimeter defense devices. Ensures appropriate data encryption (in transit and at rest) levels based on protection needs of targeted data. Maintains awareness of system/network cybersecurity posture to include vulnerability scanning to facilitate application of quick and effective corrective measures, while ensuring configuration management requirements are met. Provides technical knowledge and information assurance analysis support to include cybersecurity assessment of applications, operating systems, internet-facing interfaces, intranet, and other interconnections. Deep knowledge of and extensive experience with best practices as well as appropriate authoritative guidance for physical security, network cybersecurity, security risk assessments, critical infrastructure protection, continuity and contingency planning, emergency preparedness, security awareness, and security training. Provides analysis of existing systems vulnerabilities including possible intrusion/entry points, resource manipulation, denial of service, and/or destruction of resources. May oversee technical support processes related to cybersecurity. Prepares documentation in support of cybersecurity policies and procedures. Has significant latitude of unsupervised actions and decision
making. Has experience leading teams with proven record of effectively accomplishing organizational goals.

**Minimum Education and Years of Experience:** Bachelors 7

**IT Cybersecurity Engineer, Mid-level**

An IT Cybersecurity Engineer, Mid-level has IT experience with Cybersecurity Policy and threat mitigation. Is well-versed in cybersecurity tools, network topologies, intrusion detection, PKI, and secured networks. Has familiarity and experience with the implementation of cybersecurity regulations. Is involved with defining/ameliorating the IS Policy, including the Disaster Recovery Policy for client organizations. Contributes to planning, implementing, managing, monitoring, and upgrading security measures for the protection of the organization’s data, systems, and networks. Responsible for ensuring that the organization networks as well as information is secure at all times by constantly monitoring intrusion detection, data encryption, and taking quick and effective corrective measures in the event of a breach. Provides technical knowledge and analysis of information assurance to include cybersecurity assessments of applications, operating systems, internet and intranet, physical security, networks, risk assessment, critical infrastructure continuity and contingency planning, emergency preparedness, security awareness, and security training. Provides analysis of existing system’s vulnerability to possible intrusions, resource manipulation, resource denial, and destruction of resources. Provides technical support and analysis to document organizational information protection framework and supports policy and procedure preparation and implementation. Monitors firewall logs. Analyzes the client system security, conducts gap analysis, determines enterprise information security standards, and develops and implements information security standards and procedures. Ensures that assigned information systems are functional and secure.

**Minimum Education and Years of Experience:** Bachelors 3

**IT Cybersecurity Engineer, Senior**

An IT Cybersecurity Engineer, Senior has extensive IT experience in all aspects of Cybersecurity with a vast array of IT systems involving end user as well as enterprise level networks. Has experience designing and implementing systems that meet agency Cybersecurity policy and regulations. Has extensive experience in cybersecurity tools, network topologies, intrusion detection, PKI, and secured networks. Responsible for defining/ameliorating the IS Policy, including the Disaster Recovery Policy for client organizations. Responsible for ensuring that the organization networks as well as information is secure at all times by constantly monitoring intrusion detection, data encryption, and taking quick and effective corrective measures in the event of a breach. Provides technical knowledge and analysis of information assurance to include cybersecurity assessments of applications, operating systems, internet and intranet, physical security, networks, risk assessment, critical infrastructure continuity and contingency planning, emergency preparedness, security awareness, and security training. Provides analysis of existing system's vulnerability to possible intrusions, resource manipulation, resource denial, and destruction of resources. Provides technical support and analysis to document organizational information protection framework and supports policy and procedure preparation and implementation. Monitors firewall logs. Analyzes the client system security, conducts gap analysis, determines enterprise information security standards, and develops and implements information security standards and procedures. Ensures that assigned information systems are functional and secure.

**Minimum Education and Years of Experience:** Bachelors 7
IT Developer, Senior

An IT Developer, Senior creates software development plans and strategies. Has extensive experience in developing and implementing algorithms. Has experience in database design. Oversees work of developers. Conducts quality control of software development and proactive risk identification and mitigation of software development process. Has experience in devising possible solutions to predicted problems, evaluating other options, working as part of a team to write specific code sections and test scripts, combining code and test elements, and testing sample datasets to check that the developed system or sub-system works as intended. Can also lead or manage a Program or project. Leads business logic and data modeling activities associated with software development. Directs the activities of programmers and analysts in the performance of detailed analysis, building software development tools and pipelines, and in producing high-performance software resources that will be consumed by other development teams and mission-critical systems. Responsible for measuring software performance through project design, implementation, and evaluation of results. Establishes and supervises software design efforts necessary to integrate new compute and storage resources and code in applicable languages using standard requirements documentation (e.g., detailed flow diagrams, input/output descriptions, performance specifications, etc.). Directs and participates in the development of manuals and user guides for programmers and operating staff.

Minimum Education and Years of Experience:  Bachelors  7

IT Enterprise Application Product Expert, Senior

An IT Enterprise Application Product Expert, Senior manages complex business and system analysis for current and proposed enterprise application environments. Conducts translation of business area client information into detailed enterprise application design. Interacts with the client to perform analysis of alternatives and provide recommendations. Conducts the preparation of programming specifications, diagrams, and coding logic flowcharts for enterprise application modifications and installations. Leverages extensive knowledge of relevant application and computing environments and application development tools and languages. Has experience working as a systems analyst or programmer on various system configurations to leadership advisory roles. Has experience leading application development efforts. Develops information technology technical and application architectures and participates in setting technology direction and standards. Provides deep technical knowledge for major business applications and technology initiatives. Develops recommendations and requirements for legacy applications to evolve towards conformance with target architecture. Continually reviews applications for opportunities to improve effectiveness and efficiency.

Minimum Education and Years of Experience:  Bachelors  7

IT Functional Analyst, Senior

An IT Functional Analyst, Senior provides functional expertise necessary to interpret requirements, ensure responsiveness, and achieve successful performance. Has specialized IT subject matter and technical knowledge. Provides insight and advice concerning task or project strategic direction and outcomes. Resolves analytical problems which require an in-depth understanding of the designated field or discipline.
Possesses demonstrated ability and experience in consulting and cross-team facilitation. Directs the activities of specialists or other staff as necessary on activated related to the specified field or discipline. Oversees projects and teams ensuring achievement of goals. Has experience proposing new solutions for problems in the areas of their functional expertise. Works and analyzes both independently and as part of a team. May have latitude to make unsupervised actions and decisions.

Minimum Education and Years of Experience:  Bachelors  7

IT Functional Area Analyst, Senior
An IT Functional Area Analyst, Senior has extensive experience with diverse IT projects. Has significant analytical knowledge and experience in their functional area. Strategically develops product and service vision. Is responsible for building and successfully maintaining integrated management structure and evaluating overall performance. Meets regularly with government Program managers to discuss performance, propose IT initiatives, and establish priorities. May include conducting studies, preparing impact statements, evaluating Program development, collecting project documentation, data collection, providing data analysis/evaluation, migration strategy, and project management regulatory compliance support. Translates mission and high-level organizational performance requirements into strategic goals, objectives, and approaches to achieving desired results. May include analysis of mission, IT Program goals and objectives, requirements, organizational performance assessment, special studies and analysis, and exploration of operational IT concepts for use in policy and decision making. Conducts analysis and develops concepts in support of IT Program requirements. Manages and communicates effectively with their team or teams. Prioritizes efficiently to achieve important strategic client goals.

Minimum Education and Years of Experience:  Bachelors  7

IT Functional Area Expert, Mid-level
An IT Functional Area Expert, Mid-Level is knowledgeable about key IT Program topics in their functional area. Develops, directs, and manages functional approach and strives to improve work processes, products, and services. Possess deep understanding of IT Program and client needs. Strategically manages IT Program area and develops product and service vision. Is responsible for building and successfully maintaining integrated IT project management structure. Meets regularly with government personnel to discuss performance, propose initiatives, and establish priorities. Has experience managing IT-related projects. Is well versed in IT life cycle and project management methodologies. Has experience in tracking costs, schedules, and performance progress. Identifies and mitigates risks. Maintains project status documentation, gives regular updates to the account manager, gives technical presentations to the client representatives, and periodically attends status meetings with client representatives.

Minimum Education and Years of Experience:  Bachelors  3

IT Functional Area Expert, Senior
An IT Functional Area Expert, Senior has experience and deep knowledge of business, functional, and technical areas/disciplines related to IT and conducts research on special areas. Has experience evaluating, analyzing, and proposing new IT solutions for problems in the areas of their specific expertise. Works and analyzes both independently and as part of a team. May be required to manage a team of
functional area experts. Develops, directs, and manages a strategic approach to IT initiatives and strives to improve work processes, products, and services. Possesses deep understanding of IT Program and client needs. Strategically manages Program areas and develops product and service vision. Meets regularly with government personnel to discuss performance, propose IT initiatives, and establish priorities. Has experience managing IT-related projects. Effectively identifies and mitigates risks. Maintains IT project status documentation, gives regular updates to the account manager and executive stakeholders, gives technical presentations to client representatives, and drives Program progress.

**Minimum Education and Years of Experience:** Bachelor's  7

**IT Program Analyst, Mid-level**

An IT Program Analyst, Mid-level possesses a fundamental understanding of IT implementation and operations management best practices. Leads and supports tasks, including deliverable development, on IT engagements such as technology strategy, architecture, and service management; IT security; IT systems integration; and data analytics. Creates and/or pursues project deliverables. May guide and coach other analysts in deliverable development. Diagnoses issues while demonstrating an understanding of the client environment and overall project scope. Is experienced in the ability to work independently, under general guidance; has ability to lead IT project deliverables through to completion; and has experience working in teams and in a team environment that is process-oriented and deadline-driven. Has professional oral and written communication skills. Has problem-solving and troubleshooting skills with the ability to exercise mature judgment.

**Minimum Education and Years of Experience:** Bachelor's  3

**IT Program Manager, Senior**

An IT Program Manager, Senior has extensive experience leading diverse IT projects. Strategically manages one or more multi-faceted Programs, developing products and service vision. Is responsible for building and successfully maintaining integrated management structure and evaluating overall performance. Manages subcontractor and Program financials. Meets regularly with government Program managers to discuss performance, propose initiatives, and establish priorities. May include conducting studies, preparing impact statements, evaluating Program development, collecting project documentation, performing data collection, providing data analysis/evaluation, creating migration strategies, and providing project management regulatory compliance support. Translates mission and high-level organizational performance requirements into strategic goals, objectives, and approaches to achieving desired results. May include analysis of mission and Program goals and objectives, organizational performance assessment, special studies and analysis, and development of a requirements statement or exploration of operational concepts for use in policy and decision making. Conducts analysis and develops concepts in support of Program requirements. Tracks costs, schedules, and performance progress. Identifies and mitigates risks. Manages and communicates effectively with their team or teams. Prioritizes tasks and efforts efficiently to achieve important strategic client goals.

**Minimum Education and Years of Experience:** Bachelor's  7
IT Project Manager

An IT Project Manager manages a team of technical and functional professionals. Develops, directs, and manages project strategy and strives to improve work processes, products, and services. Is responsible for deliverables, schedule compliance, and overall project compliance. Strategically manages IT project area. Is responsible for building and successfully maintaining IT project management structure and overseeing project financials. Meets regularly with government Program manager to discuss performance, propose IT initiatives, and establish priorities. Has experience managing IT projects. Is well versed in life cycle and project management methodologies. Has experience in tracking costs, schedules, and performance progress. Identifies and mitigates risks. Maintains project status documentation, gives regular updates to the account manager, gives technical presentations to client representatives, and attends status meetings with client representatives. Reports to the Program Manager for the contract.

Minimum Education and Years of Experience: Bachelors 5

IT Software/System Architect, Junior

An IT Software/System Architect, Junior supports the development of system requirements and design specifications for IT systems. Contributes to IT architecture to include the software, hardware, and communications to support the total requirements as well as provide for cross-functional requirements and interfaces. Contributes to efforts ensuring that IT systems are compatible and in compliance with the standards for systems architecture and security concerns. Evaluates problems of workflow, organization, and planning, and develops appropriate corrective action. May contribute to the design and development of new software products or major enhancements to existing software. Supports technical architectural design reviews for major business applications and technology initiatives. Reports to more senior technical and/or project leaders.

Minimum Education and Years of Experience: Bachelors 1

IT Software/System Architect, Senior

An IT Software/System Architect, Senior is responsible for establishing system requirements and design specifications in the development of enterprise-wide or large-scale IT systems. Designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for cross-functional requirements and interfaces. Ensures systems are compatible and in compliance with the standards for systems architecture. Evaluates problems in workflows, organization, and planning, and develops appropriate corrective action. Is responsible for the establishment and maintenance of an overall IT architecture relevant to and consistent with the client's business and technology direction and objectives. Designs and develops new software products or major enhancements to existing software. Addresses problems of systems integration, compatibility, and multiple platforms. Develops information technology technical and application architectures and participates in setting technology direction and standards. Provides technical architectural design reviews for major business applications and technology initiatives. Facilitates linkage with key business areas by understanding enterprise requirements and by communicating architecture frameworks best practices and standards. Develops recommendations and requirements for legacy applications to evolve towards conformance with target architecture. Continually reviews the client's applications, workflows, systems, network management, and network infrastructure for opportunities to improve effectiveness and efficiency.

Minimum Education and Years of Experience: Bachelors 7
IT Subject Matter Expert I

An IT Subject Matter Expert I is responsible for providing technical knowledge and analysis of moderately specialized IT related applications, systems, and operational environments. Provides systems analysis, design, integration, documentation, and implementation advice on moderately complex problems that require expert knowledge of the subject matter. Applies quantitative/analytical principles and methods to difficult, narrowly-defined technical problems in IT engineering or other scientific/professional applications to meet task order requirements and arrive at efficient, scalable IT solutions. Has expertise in IT industry issues and trends gained through direct industry experience. Guides the determination of IT inadequacies and/or deficiencies that affect the project team’s ability to support organizational targets. Generates Program strategies for enhanced IT operations in a cross-functional mode throughout the customer’s team. Works with customer and stakeholder executives to provide vision and direction in support of enterprise goals.

Minimum Education and Years of Experience:  Bachelors    7

IT Subject Matter Expert II

An IT Subject Matter Expert II is responsible for providing technical knowledge and analysis of moderately specialized IT-related applications, systems, and operational environments. Provides systems analysis, design, integration, documentation, and implementation advice on moderate-to-highly complex problems that require expert knowledge of the subject matter. Applies quantitative/analytical principles and methods to difficult, broadly defined technical problems in IT engineering or other scientific/professional applications to meet task order requirements and arrive at efficient, scalable IT solutions. Has strong expertise in IT industry issues and trends gained through direct industry experience. Guides the determination of IT inadequacies and/or deficiencies that affect the Program team’s ability to support organizational targets. Generates Program strategies for enhanced IT operations in a cross-functional mode throughout the customer’s department or division. Works with customer and stakeholder executives to provide vision and direction in support of enterprise goals.

Minimum Education and Years of Experience:  Bachelors    10

IT Subject Matter Expert III

An IT Subject Matter Expert III is responsible for providing technical knowledge and analysis of moderately specialized IT-related applications, systems, and operational environments. Provides systems analysis, design, integration, documentation, and implementation advice on highly complex problems that require expert knowledge of the subject matter. Applies quantitative/analytical principles and methods to difficult, enterprise-wide technical problems in IT engineering or other scientific/professional applications to meet task order requirements and arrive at efficient, scalable IT solutions. Has very strong expertise in IT industry issues and trends gained through direct industry experience. Guides the determination of IT inadequacies and/or deficiencies that affect multiple Program team’s ability to support organizational targets. Generates Program strategies for enhanced IT operations in a cross-functional mode throughout the enterprise. Works with customer and stakeholder executives to provide vision and direction in support of enterprise goals.

Minimum Education and Years of Experience:  Bachelors    13
Armavel, LLC GSA MAS PRICE LIST

54151S Information Technology Professional Services

Rates inclusive of GSA Industrial Funding Fee (IFF) of 0.75% and any discounts.

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54151HACS  Highly Adaptive Cybersecurity Services (HACS)

Includes a wide range of fields such as, the seven-step Risk Management Framework services, information assurance, virus detection, network management, situational awareness and incident response, secure web hosting, backup services, security services, and Security Operations Center (SOC) services. HACS vendors are cataloged under the 5 subcategories: High Value Asset Assessments, Risk and Vulnerability Assessments, Cyber Hunt, Incident Response, and Penetration Testing.

NOTE: Subject to Cooperative Purchasing

Labor Category Descriptions Specific to 54151HACS

Cybersecurity Analyst, Junior

A Cybersecurity Analyst, Junior works towards ensuring that the organization’s networks, as well as information, are secure. Serves as a Cybersecurity IT resource on engagement team. Employs continuous monitoring of intrusion detection/prevention and other perimeter defense devices. Provides technical knowledge and information assurance analysis support to include cybersecurity assessment of applications, operating systems, internet-facing interfaces, intranet, and other interconnections. Implements best practices relating to network cybersecurity, security risk assessments, critical infrastructure protection, continuity and contingency planning, emergency preparedness, security awareness, and security training. Supports analysis of existing system vulnerabilities including possible intrusion/entry points, resource manipulation, denial of service, and/or destruction of resources. Provides technical support and analysis to document organizational information protection framework and supports policy and procedures preparation and implementation.

Minimum Education and Years of Experience:  Bachelors  1

Cybersecurity Analyst, Mid-level

A Cybersecurity Analyst, Mid-level is responsible for ensuring that the organization’s networks, as well as information, is secure. Employs continuous monitoring of intrusion detection/prevention and other perimeter defense devices. Ensures appropriate data encryption (in transit and at rest) levels based on protection needs of targeted data. Maintains awareness of system/network cybersecurity posture to include vulnerability scanning to facilitate application of quick and effective corrective measures, while ensuring configuration management requirements are met. Provides advanced technical knowledge and information assurance analysis support to include cybersecurity assessment of applications, operating systems, internet-facing interfaces, intranet, and other interconnections. Strong knowledge of best practices as well as appropriate authoritative guidance for physical security, network cybersecurity, security risk assessments, critical infrastructure protection, continuity and contingency planning, emergency preparedness, security awareness, and security training. Provides analysis of existing systems vulnerabilities including possible intrusion/entry points, resource manipulation, denial of service, and/or destruction of resources. Provides technical support and analysis to document organizational information protection framework and supports policy and procedures preparation and implementation.

Minimum Education and Years of Experience:  Bachelors  3
Cybersecurity Analyst, Senior
A Cybersecurity Analyst, Senior oversees systems for ensuring that the organization’s networks, as well as information, is secure. Leads continuous monitoring of intrusion detection/prevention and other perimeter defense devices. Ensures appropriate data encryption (in transit and at rest) levels based on protection needs of targeted data. Oversees Cybersecurity IT resources and engagement team. Maintains awareness of system/network cybersecurity posture to include vulnerability scanning to facilitate application of quick and effective corrective measures, while ensuring configuration management requirements are met. Provides technical knowledge and information assurance analysis support to include cybersecurity assessment of applications, operating systems, internet-facing interfaces, intranet, and other interconnections. Strong knowledge of best practices as well as appropriate authoritative guidance for physical security, network cybersecurity, security risk assessments, critical infrastructure protection, continuity and contingency planning, emergency preparedness, security awareness, and security training. Provides analysis of existing systems vulnerabilities including possible intrusion/entry points, resource manipulation, denial of service, and/or destruction of resources. Provides advanced technical support and analysis to document organizational information protection framework and supports policy and procedures preparation and implementation.

Minimum Education and Years of Experience: Bachelors 7

Cybersecurity Applications/Systems Analyst, Senior
Cybersecurity Applications/Systems Analyst, Senior oversees responsibilities for ensuring that the organization’s networks, as well as information, is secure. Employ continuous monitoring of intrusion detection/prevention and other perimeter defense devices. Ensures appropriate data encryption (in transit and at rest) levels based on protection needs of targeted data. Maintains awareness of system/network cybersecurity posture to include vulnerability scanning to facilitate application of quick and effective corrective measures, while ensuring configuration management requirements are met. Provides technical knowledge and information assurance analysis support to include cybersecurity assessment of applications, operating systems, internet-facing interfaces, intranet, and other interconnections. Strong knowledge of best practices as well as appropriate authoritative guidance for physical security, network cybersecurity, security risk assessments, critical infrastructure protection, continuity and contingency planning, emergency preparedness, security awareness, and security training. Provides analysis of existing systems vulnerabilities including possible intrusion/entry points, resource manipulation, denial of service, and/or destruction of resources. Provides technical support and analysis to document organizational information protection framework and supports policy and procedures preparation and implementation.

Minimum Education and Years of Experience: Bachelors 7

Cybersecurity Architect, Senior
A Cybersecurity Architect, Senior provides customer support in solving all phases of complex Information Security-related technical problems. Reviews and recommends Information Security solutions to customer problems based on an understanding of product/system test results and a firm understanding of government/industry policy, practices, procedures, and customer requirements. Conducts systems security analysis and implementation, system engineering, design assurance, testing, software engineering, Program design, configuration management, integration, and testing of Information Security products and
techniques. Gives particular attention to Supply Chain, Firewall, Secure Network Server, “Smart Cards”, emerging security technologies, and future trends in support of information system cybersecurity and architecture. Ensures that Information Security solutions are fully compatible with or engineered into the customer’s network design. Provides daily supervision and direction to staff; ensures accuracy of the work of other personnel. Operates under deadlines while leading multiple technical tasks. Anticipates future customer, industry, and business trends, information, and situations to implement related actions independently or through the management team.

**Minimum Education and Years of Experience:** Bachelors 7

**Cybersecurity Business Analyst, Senior**

A Cybersecurity Business Analyst, Senior analyzes business and information environment, activities, and events from an information security and privacy perspective. Has deep knowledge of data analysis, trend finding, and patterns. Identifies risks and offers solutions for improving processes that will improve enterprise cyber hygiene and best practices. Verifies, tracks, reports, schedules, organizes, and documents for cybersecurity user requirements. Updates systems and data repositories. Develops programmatic processes for cybersecurity functional requirement documents. Coordinates the review and analysis of cybersecurity functional specifications leading to design modules and Program-level requirements. Performs cybersecurity configuration management. Plans and analyzes requirements to determine feasibility of cybersecurity solution designs within time and cost constraints. Coordinates the implementation, documentation, testing, operation, and maintenance of Program modules. Performs with some latitude for unreviewed actions and decisions. Has experience leading or managing a cybersecurity Program or project.

**Minimum Education and Years of Experience:** Bachelors 7

**Cybersecurity Business Process Analyst**

A Cybersecurity Business Process Analyst analyzes cybersecurity business and information environments, activities, workflows, and events. Has deep knowledge of cybersecurity-related data analysis, trend finding, and patterns. Identifies risks and offers solutions for improving processes that will improve overall agency performance. Can also lead or manage a Program or project. Performs information technology analysis activities to support business decisions relative to the development, enhancement, and maintenance of cybersecurity products and services applicable to multiple lines of business. Responsible for analyzing technical and business processes data and/or information systems, including analysis of system architecture and associated hardware/software (e.g., functional implementation of each application, database, platform, etc.) from a cybersecurity perspective. Data analysis, including reliability, integrity, associated processes, and business logic. Anticipates and identifies user problems and needs. Recommends cybersecurity-focused business and technical solutions based on analysis activities, customer requirements, industry trends, and best practices/authoritative guidance. Leads, plans, schedules, and controls complex projects and activities with customers, support groups, and vendors on concurrent projects. Applies extensive business and industry knowledge to develop project specifications. Advises on methods to improve business processes and remove non-value-added activities. Coordinates and participates in proposals, feasibility studies, and implementations. Leads training activities for knowledge transfer and builds relationships with multiple customer/business levels.

**Minimum Education and Years of Experience:** Bachelors 7
Cybersecurity Developer, Senior

A Cybersecurity Developer, Senior creates software development plans and strategies. Has extensive experience in cybersecurity, developing and implementing algorithms. Has experience in cybersecurity database design. Oversees work of cybersecurity developers. Conducts quality control of cybersecurity software development. Conducts proactive risk identification and mitigation of software development process. Has experience in devising possible solutions to predicted problems with special emphasis on Cybersecurity concerns, evaluating other options, working as part of a team to write specific code sections and test scripts, combining code and test elements, and testing sample datasets to check that the developed system or sub-system works as intended. Can also lead or manage a Program or project. Leads business logic and data modeling activities associated with Cybersecurity software development. Directs the activities of programmers and analysts in the performance of detailed analysis, building software development tools and pipelines, and in producing high-performance software resources that will be consumed by other development teams and mission-critical systems. Responsible for measuring software performance through project design, implementation, and evaluation of results. Establishes and supervises software design efforts necessary to code in applicable languages using standard requirements documentation (e.g., detailed flow diagrams, input/output descriptions, performance specifications, etc.). Directs and participates in the development of manuals and user guides for programmers and operating staff.

Minimum Education and Years of Experience:  Bachelors 7

Cybersecurity Engineer, Mid-level

Cybersecurity Engineer, Mid-level is responsible for working on the cybersecurity IS Policy, including Disaster Recovery Policy for client organizations. Also contributes significantly to the team ensuring that the organization networks as well as information are secure by constantly monitoring intrusion detection, data encryption, and taking quick and effective corrective measures in the event of a breach. Provides technical knowledge and analysis of information assurance, to include applications; operating systems; internet and intranet; physical security; networks; risk assessment; critical infrastructure continuity and contingency planning; emergency preparedness; security awareness, and security training. Provides analysis of existing system’s vulnerability to possible intrusions, resource manipulation, resource denial and destruction of resources. Provides technical support and analysis to document organizational information protection framework and supports policy and procedures preparation and implementation. Provides system administration of Network, Web, and/or communications systems, including Local Area Network (LAN), Wide Area Network (WAN). Maintains servers, creates monitoring reports and logs, and ensure functionality of links. Monitors firewall logs. Analyzes the client system security, conduct gap analysis, determine enterprise information security standards, and develop and implement information security standards and procedures. Ensures that assigned information systems are functional and secure.

Minimum Education and Years of Experience:  Bachelors 3

Cybersecurity Engineer, Senior

Cybersecurity Engineer, Senior is responsible for working on the cybersecurity IS Policy, including Disaster Recovery Policy for client organizations. Also oversees and leads efforts ensuring that the organization
networks as well as information are secure by constantly monitoring intrusion detection, data encryption, and taking quick and effective corrective measures in the event of a breach. Provides advanced cybersecurity technical knowledge and analysis of information assurance, to include applications; operating systems; internet and intranet; physical security; networks; risk assessment; critical infrastructure continuity and contingency planning; emergency preparedness; security awareness, and security training. Provides complex analysis of existing system's vulnerability to possible intrusions, resource manipulation, resource denial and destruction of resources. Provides technical support and analysis to document organizational information protection framework and supports policy and procedures preparation and implementation. Monitors firewall logs. Provides system administration of Network, Web, and/or communications systems, including Local Area Network (LAN), Wide Area Network (WAN). Maintains servers, creates monitoring reports and logs, and ensure functionality of links. Analyzes the client system security, conduct gap analysis, determine enterprise information security standards, and develop and implement information security standards and procedures. Ensures that assigned information systems are functional and secure.

Minimum Education and Years of Experience:  Bachelors    7

Cybersecurity Functional Analyst, Senior

A Cybersecurity Functional Analyst, Senior provides functional expertise necessary to interpret Cybersecurity requirements, ensure responsiveness and achieve successful performance. Has specialized functional and technical knowledge. Provides insight and advice concerning Cybersecurity task or project strategic direction and outcomes. Resolves analytical problems which require an in-depth understanding of the designated field or discipline. Possesses demonstrated ability and experience in consulting and cross-team facilitation. Directs the activities of specialists or other staff as necessary related to the specified field or discipline. Oversees Cybersecurity projects and teams ensuring achievement of goals. Has experience proposing new solutions for problems in the areas of their functional expertise. Works and analyzes both independently and as part of a team. May have latitude to make unsupervised actions and decisions.

Minimum Education and Years of Experience:  Bachelors    7

Cybersecurity Functional Area Analyst, Senior

A Cybersecurity Functional Area Analyst, Senior has extensive experience with diverse Cybersecurity projects. Has significant analytical knowledge and experience in their functional area. Strategically develops product and service vision. Is responsible for building and successfully maintaining integrated management structure and evaluating overall performance. Meets regularly with government Program managers to discuss performance, propose Cybersecurity initiatives, and establish priorities. May include conducting studies, preparing impact statements, evaluating Program development, collecting project documentation, data collection, providing data analysis/evaluation, migration strategy, and project management regulatory compliance support. Translates mission and high-level organizational performance requirements into strategic goals, objectives, and approaches to achieving desired results. May include analysis of mission, Cybersecurity Program goals and objectives, requirements, organizational performance assessment, special studies and analysis, and exploration of operational Cybersecurity concepts for use in policy and decision making. Conducts analysis and develops concepts in support of Cybersecurity Program requirements. Manages and communicates effectively with their team or teams. Prioritizes efficiently to achieve important strategic client goals.
Minimum Education and Years of Experience:  
Bachelors  7

Cybersecurity Functional Area Expert, Mid-level

A Cybersecurity Functional Area Expert, Mid-Level is knowledgeable about key Cybersecurity Program topics in their functional area. Develops, directs, and manages functional approach and strives to improve work processes, products, and services. Possess deep understanding of Cybersecurity Program and client needs. Strategically manages Cybersecurity Program area and develops product and service vision. Is responsible for building and successfully maintaining integrated project management structure for Cybersecurity Projects. Meets regularly with government personnel to discuss performance, propose initiatives, and establish priorities. Has experience managing Cybersecurity-related projects. Is well versed in Cybersecurity life cycle and project management methodologies. Has experience in tracking costs, schedules, and performance progress. Identifies and mitigates risks. Maintains project status documentation, gives regular updates to the account manager, give technical presentations to the client representatives, and periodically attends status meetings with client representatives.

Minimum Education and Years of Experience:  
Bachelors  3

Cybersecurity Functional Area Expert, Senior

A Cybersecurity Functional Area Expert, Senior has experience and deep knowledge of business, functional, and technical areas/disciplines related to Cybersecurity and is able to conduct research on special areas. Has experience evaluating, analyzing, and proposing new Cybersecurity solutions to problems in the areas of their specific expertise. Works and analyzes both independently and as part of a team. May be required to manage a team of functional area experts. Develops, directs, and manages a strategic approach to Cybersecurity initiatives and strives to improve work processes, products, and services. Possesses deep understanding of Cybersecurity Program and client needs. Strategically manages Program area and develops product and service vision. Meets regularly with government personnel to discuss performance, propose Cybersecurity initiatives, and establish priorities. Has experience managing Cybersecurity related projects. Effectively identifies and mitigates risks. Maintains Cybersecurity project status documentation, gives regular updates to the account manager and executive stakeholders, gives technical presentations to client representatives, and drives Program progress.

Minimum Education and Years of Experience:  
Bachelors  7

Cybersecurity Program Analyst, Mid-level

A Cybersecurity Program Analyst, Mid-level possesses a fundamental understanding of Cybersecurity implementation and operations management best practices. Leads and supports tasks, including deliverable development on Cybersecurity engagements such as technology strategy, architecture, and service management; Cybersecurity security; Cybersecurity systems integration; and data analytics. Creates and/or pursues project deliverables. May guide and coach other analysts in deliverable development. Diagnoses issues while demonstrating an understanding of the client environment and overall project scope. Is experienced in the ability to work independently, under general guidance; has ability to lead Cybersecurity project deliverables through to completion; and has experience working in teams and in a team environment that is process-oriented and deadline-driven. Has professional oral and
written communication skills; has problem solving and troubleshooting skills with the ability to exercise mature judgment.

**Minimum Education and Years of Experience:** Bachelors  3

**Cybersecurity Program Manager, Senior**

A Cybersecurity Program Manager, Senior has extensive experience leading diverse Cybersecurity projects. Strategically manages one or more multi-faceted Programs, developing product and service vision. Is responsible for building and successfully maintaining integrated management structure and evaluating overall performance. Manages subcontractor and Program financials. Meets regularly with government Program manager to discuss performance, propose initiatives, and establish priorities. May include conducting studies, preparing impact statements, evaluating Cybersecurity Program development, collecting project documentation, performing data collection, providing data analysis/evaluation, creating migration strategies, and providing project management regulatory compliance support. Translates mission and high-level organizational performance requirements into broad Cybersecurity goals, objectives, and approaches to achieving desired results. May include analysis of mission and Cybersecurity Program goals and objectives, organizational performance assessment, special studies and analysis, and development of a requirements statement or exploration of operational concepts for use in policy and decision making. Will conduct analysis and develop concepts in support of Cybersecurity Program requirements. Tracks costs, schedules, and performance progress. Identifies and mitigates risks. Manages and communicates effectively with their team or teams. Prioritizes tasks and efforts efficiently to achieve important strategic goals.

**Minimum Education and Years of Experience:** Bachelors  7

**Cybersecurity Project Manager**

A Cybersecurity Project Manager manages a team of Cybersecurity technical and functional professionals. Develops, directs, and manages project approach and strives to improve work processes, products, and services. Is responsible for deliverables, schedule compliance, and overall project compliance. Strategically manages Cybersecurity project area and develops product and service vision. Is responsible for building and successfully maintaining Cybersecurity project management structure and overseeing project financials. Meets regularly with government Program manager to discuss performance, propose Cybersecurity initiatives, and establish priorities. Has experience managing Cybersecurity projects. Is well versed in life cycle and project management methodologies. Has experience in tracking costs, schedules, and performance progress. Identifies and mitigates risks. Maintains project status documentation, gives regular updates to the account manager, gives technical presentations to client representatives, and attends status meetings with client representatives. Reports to the Program Manager for the contract.

**Minimum Education and Years of Experience:** Bachelors  7

**Cybersecurity Subject Matter Expert I**

A Cybersecurity Subject Matter Expert I is responsible for providing technical knowledge and analysis of moderately specialized Cybersecurity related applications, systems, and operational environments. Provides systems analysis, design, integration, documentation, and implementation advice on moderately
complex problems that require expert knowledge of the subject matter. Applies quantitative/analytical principles and methods to difficult, narrowly-defined technical problems in Cybersecurity engineering or other scientific/professional applications to meet task order requirements and arrive at efficient, scalable Cybersecurity solutions. Has expertise in Cybersecurity industry issues and trends gained through direct industry experience. Guides the determination of Cybersecurity inadequacies and/or deficiencies that affect the project team’s ability to support organizational targets. Generates Program strategies for enhanced Cybersecurity operations in a cross-functional mode throughout the customer’s team. Works with customer and stakeholder executives to provide vision and direction in support of enterprise goals.

**Minimum Education and Years of Experience:** Bachelors 7

**Cybersecurity Subject Matter Expert II**

A Cybersecurity Subject Matter Expert II is responsible for providing technical knowledge and analysis of moderately specialized Cybersecurity-related applications, systems, and operational environments. Provides systems analysis, design, integration, documentation, and implementation advice on moderate-to-highly complex problems that require expert knowledge of the subject matter. Applies quantitative/analytical principles and methods to difficult, broadly defined technical problems in Cybersecurity engineering or other scientific/professional applications to meet task order requirements and arrive at efficient, scalable Cybersecurity solutions. Has strong expertise in Cybersecurity industry issues and trends gained through direct industry experience. Guides the determination of Cybersecurity inadequacies and/or deficiencies that affect the Program team’s ability to support organizational targets. Generates Program strategies for enhanced Cybersecurity operations in a cross-functional mode throughout the customer’s department or division. Works with customer and stakeholder executives to provide vision and direction in support of enterprise goals.

**Minimum Education and Years of Experience:** Bachelors 10

**Cybersecurity Subject Matter Expert III**

A Cybersecurity Subject Matter Expert III is responsible for providing technical knowledge and analysis of moderately specialized Cybersecurity related applications, systems, and operational environments. Provides systems analysis, design, integration, documentation, and implementation advice on highly complex problems that require expert knowledge of the subject matter. Applies quantitative/analytical principles and methods to difficult, enterprise-wide technical problems in Cybersecurity engineering or other scientific/professional applications to meet task order requirements and arrive at efficient, scalable Cybersecurity solutions. Has very strong expertise in Cybersecurity industry issues and trends gained through direct industry experience. Guides the determination of Cybersecurity inadequacies and/or deficiencies that affect multiple Program team’s ability to support organizational targets. Generates Program strategies for enhanced Cybersecurity operations in a cross-functional mode throughout the enterprise. Works with customer and stakeholder executives to provide vision and direction in support of enterprise goals.

**Minimum Education and Years of Experience:** Bachelors 13
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<thead>
<tr>
<th>SIN</th>
<th>Labor Category</th>
<th>Year 1</th>
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<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
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EXPERIENCE / EDUCATION SUBSTITUTION EQUIVALENCY

Armavel's labor category descriptions identify the functional responsibilities and education and experience requirements associated with each labor category. These requirements are a reference guide to the types of experience and educational background of typical personnel in each labor category.

Personnel must meet the defined labor category minimum qualifications or substitutions noted below. The labor category qualifications do not set an education or experience ceiling.

Education and experience may be substituted for each other. Each year of relevant experience may be substituted for 1 year of education, and vice versa.

<table>
<thead>
<tr>
<th>Experience Substitutions may be applied to any labor category</th>
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<tbody>
<tr>
<td>H.S. Diploma + 4 years additional experience</td>
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<td>Associate Degree + 2 years additional experience</td>
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<td>Bachelor’s Degree + 2 years additional experience</td>
<td>Equals</td>
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<tr>
<td>Master’s Degree + 4 years additional experience</td>
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</table>

<table>
<thead>
<tr>
<th>Education Substitutions may be applied to any labor category</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A Ph.D. / Doctorate may be substituted for 4 years of experience with a Master’s Degree or 6 years’ experience with a Bachelor’s Degree</td>
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<tr>
<td>A Master’s Degree may be substituted for 2 years of experience with a Bachelor’s Degree</td>
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<tr>
<td>A Bachelor’s Degree may be substituted for 4 years of experience with a High School Diploma</td>
<td></td>
</tr>
<tr>
<td>An Associate’s Degree may be substituted for 2 years of experience with a High School Diploma</td>
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</table>

** The Service Contract Labor Standards, formerly the Service Contract Act (SCA), apply to this contract and it includes SCLS applicable labor categories. Labor categories and fixed price services marked with a (**) in this pricelist are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCLS/SCA matrix. The prices awarded are in line with the geographic scope of the contract (i.e., nationwide).