

**General Services Administration
Federal Acquisition 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.

Multiple Award Schedule - MAS

Contract No. GS-35F-540GA
**Federal Supply Group: Information Technology, Human
Capital, Professional Services, Miscellaneous**
**FSC/PSC Codes: D399, D310, D305, 0000, R799, T006, R499,
D304, R701, R708, R422, T010, R408, R704**



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GSASchedules@accenturefederal.com (email)
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Prices shown herein are net (discount deducted)

Contract Administrator: Tania Koles
Business Size: Other than Small Business
Contract Period: July 12, 2017 through July 11, 2022
Available Options through July 11, 2037

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

Pricelist Current through PS-0014, dated 10/23/2020



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1.0 Customer Information

1a. Table of awarded special item number(s) with appropriate cross-reference to item descriptions and awarded price(s).

Special Item Number (SIN)	Formerly SIN	Description	Description Page	Awarded Price Page
54151S/STLOC	132 51 /STLOC	Information Technology Professional Services	5 – 29	29 – 33
54151HEAL/STLOC	132 56 /STLOC	Health Information Technology Services	33 – 64	64 – 70
54151HACS/STLOC	132 45 /STLOC	Highly Adaptive Cybersecurity Services (HACS) Awarded Sub-Categories <ul style="list-style-type: none"> • High Value Asset (HVA) Assessments • Risk and Vulnerability Assessments (RVA) • Cyber Hunt • Incident Response • Penetration Testing 	70 – 90	90 – 93
518210C/STLOC	132 40 /STLOC	Cloud and Cloud-Related IT Professional Services	94 – 119	94 – 119
561422/STLOC	132 20 /STLOC	Automated Contact Center Solutions (ACCS)	119 – 149	150 – 156
OLM/STLOC	70 500 /STLOC	Order-Level Materials (OLMs)	Defined at Order-Level	Defined at Order-Level
541612HC	595 21	Agency Human Capital Strategy, Policy and Operational Planning	158 – 189	189 – 195
541612LOB	595 22, 595-26, 41612OPM, 541612PSSC	Human Resources Line of Business	158 – 189	189 – 195
512110	541 4B	Video/Film Production	195 – 213	213 – 215
541430	541 4F	Graphic Design Services	195 – 213	213 – 215
541511	541 3	Web Based Marketing	195 – 213	213 – 215
541613	541 5	Marketing Consulting Services	195 – 213	213 – 215
541810	541 1	Advertising Services	195 – 213	213 – 215
541820	541 2	Public Relations Services	195 – 213	213 – 215
541910	541 4A	Marketing Research and Analysis	195 – 213	213 – 215
541922	541 4E	Commercial Photography Services	195 – 213	213 – 215
541611	874-1, 874-6	Management and Financial Consulting, Acquisition and Grants Management Support, and Business Program and Project Management Services	216 – 227	233 – 235
611430	874-4	Professional and Management Development Training	216 – 231	233 – 235

1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply. N/A

1c. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate “Not applicable” for this item. See pages 5-29, 33-64, 70-90, 119-149, 158-189, 195-213, 216-227

2. Maximum order:

Information Technology Category:

54151S/STLOC, 54151HEAL/STLOC, 54151HACS/STLOC, 518210C/STLOC, 561422/STLOC: \$500,000

Human Capital Category:

541612HC, 541612LOB: \$1,000,000

Professional Services Category:

512110, 541430, 541511, 541613, 541810, 541820, 541910, 541611, 611430: \$1,000,000

541922: \$250,000

Miscellaneous Category:

OLM/STLOC: \$250,000

3. Minimum order:

SINs: 541612HC, 541612LOB, 541611, 611430, - \$100

SINs: 54151S/STLOC, 54151HEAL/STLOC, 54151HACS/STLOC, 518210C/STLOC, 561422/STLOC, 541922, 512110, 541430, 541511, 541613, 541810, 541820, 541910- \$50,000

4. Geographic coverage (delivery area): Domestic and Overseas Delivery

5. Point(s) of production (city, county, and State or foreign country): US

6. Discount from list prices or statement of net price: Prices shown are NET prices; Basic discounts have been deducted

7. Quantity discounts: None

8. Prompt payment terms: 0% - Net 30. Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions

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

9b. Government Purchase cards **are not accepted** above the micro-purchase threshold.

10. Foreign items (list items by country of origin): N/A

11a. Time of delivery: Negotiated on a Task Order Basis

11b. Expedited Delivery: Items available for expedited delivery are noted in this price list.

11c. Overnight and 2-day delivery: Contact Contractor

11d. Urgent Requirements: Please note the Urgent Requirements clause of this contract and contact Contractor

12. F.O.B. point(s): Destination

13a. Ordering address(es).

Accenture Federal Services LLC
800 North Glebe Road, #300
Arlington, VA 22203
Attn: Tania Koles, 571-414-4033

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

14. Payment address(es).

Accenture Federal Services LLC
PO Box 70629
Chicago, IL 60673

Bank account information for ACH or EFT payments will be shown on the invoice

15. Warranty provision: N/A

16. Export packing charges, if applicable: N/A

17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level): Government purchase cards are not accepted for payment above the micro-purchase threshold

18. Terms and conditions of rental, maintenance, and repair (if applicable): N/A

19. Terms and conditions of installation (if applicable): N/A

20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable): N/A

20a. Terms and conditions for any other services (if applicable): N/A

21. List of service and distribution points (if applicable): N/A

22. List of participating dealers (if applicable): N/A

23. Preventive maintenance (if applicable): N/A

24a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants): N/A

24b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor's website or other location.) The EIT standards can be found at: www.Section508.gov/.

25. Data Universal Number System (DUNS) number: DUNS: 139727148

26. Accenture Federal Services LLC is registered in the System for Award Management (SAM) Database.

2.0 Large Category: Information Technology (IT)

2.1 SIN 54151S (formerly 132 51)

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.

2.1.1 Labor Category Descriptions (SIN 54151S, formerly 132 51)

Labor Category Name	Labor Category Description	Min Years Experience	Min Education
Senior Program Manager	The Senior Program Manager has overall accountability for business solution programs. Senior Program Managers may be responsible for product delivery and/or financial management of client engagements. A Senior Program Manager performs independent quality assurance reviews of program performance and deliverables. They lend thought leadership to engagement teams in developing creative solutions to client business problems.	15	Bachelors
Program Manager	Program Managers plan and manage projects to control overall project scope, budgets and schedules for multi-project engagements. Program Managers maintain contractor interface with the senior levels of the customer's organization, and consult with customer and contractor personnel to formulate and review task plans and deliverables, and provide conformance with program and project task schedules and costs and contractual obligations.	12	Bachelors
Project Manager	The Project Manager manages, plans and coordinates activities of projects. This individual reviews project proposals or plans to determine schedule, funding limitations, procedures for accomplishing projects, staffing requirements and allotment of available resources to various phases of projects. The Project Manager establishes work plans and coordinates staffing for each phase of project and arranges for recruitment or assignment of project personnel. The Project Manager identifies functional or cross-functional requirements and resources required for each task.	10	Bachelors
Task Manager	Task Managers apply their broad management skills and specialized functional and technical expertise to guide project teams in delivering client solutions or to manage the day-to-day operations. The Task Manager monitors quality across multiple projects. This individual establishes and maintains technical and financial reports to show progress of projects to management and customers, organizes and assigns responsibilities to subordinates, and oversees the assigned tasks.	7	Bachelors

Subject Matter Expert 1	<p>The Subject Matter Expert 1 has industry experience in the relevant subject matter. This individual will use information technology expertise and/or industry focus expertise in fulfilling the interpreted customer specification. The Subject Matter Expert 1 is highly experienced in the industry with regard to information technology. The Subject Matter Expert 1 provides thought leadership related to current and future customer plans with regard to the stated information technology.</p>	<p>10</p>	<p>Bachelors</p>
Subject Matter Expert 2	<p>The Subject Matter Expert 2 has industry experience in the relevant subject matter. This individual will use information technology expertise and/or industry focus expertise in fulfilling the interpreted customer specification. The Subject Matter Expert 2 is an highly experienced in the industry with regard to information technology. The Subject Matter Expert 2 provides thought leadership related to current and future customer plans with regard to the stated information technology.</p>	<p>12</p>	<p>Bachelors</p>
Subject Matter Expert 3	<p>The Subject Matter Expert 3 has industry experience in the relevant subject matter. This individual will use information technology expertise and/or industry focus expertise in fulfilling the interpreted customer specification. The Subject Matter Expert 3 is highly experienced in the industry with regard to the stated information technology. The Subject Matter Expert 3 provides thought leadership related to current and future customer plans with regard to the stated information technology.</p>	<p>15</p>	<p>Bachelors</p>
Technical Architect 1	<p>The Technical Architect 1 provides thought leadership related to current and future customer plans with regard to the stated information technology. The Technical Architect 1 possesses knowledge of the future direction and trends associated with information technology. The Technical Architect 1s have experience in designing or implementing information architecture solutions for information technology. The Technical Architect 1 designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces.</p>	<p>7</p>	<p>Bachelors</p>
Technical Architect 2	<p>The Technical Architect 2 provides thought leadership related to current and future customer plans with regard to the stated information technology. The Technical Architect 2 possesses knowledge of the future direction and trends associated with information technology. The Technical Architect 2s have experience in designing and implementing information architecture solutions for \ information technology. The Technical Architect 2 designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for</p>	<p>10</p>	<p>Bachelors</p>

	present and future cross-functional requirements and interfaces.		
System Administrator 1	System Administrator 1s may develop, run tests on, implement, or maintain operating system and related software. The System Administrator 1s establish and implement standards for computer operations for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and/or resolves software, operating system, and networking problems. The System Administrator 1 schedules, performs, or monitors system backups or, when necessary, performs data recoveries. The Level 1 performs more routine aspects of the position and is supervised by higher levels.	0	Bachelors in process
System Administrator 2	System Administrator 2s may develop, run tests on, implement, or maintain operating system and related software. The System Administrator 2s establish and implement standards for computer operations for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and/or resolves software, operating system, and networking problems. The System Administrator 2 schedules, performs, or monitors system backups and, when necessary, performs data recoveries. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.	3	Bachelors
System Administrator 3	System Administrator 3s may develop, run tests on, implement, or maintain operating system and related software. The System Administrator 3s establish and implement standards for computer operations for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and/or resolves software, operating system, and networking problems. The System Administrator 3 schedules, performs, and/or monitors system backups and/or, when necessary, performs data recoveries. Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.	7	Bachelors
Database Administrator 1	Database Administrator 1 administers organization's databases, using database management system to organize and store data. The Database Administrator 1 ascertains user requirements, creates computer databases, and tests and coordinates changes. This individual interacts with development and end-user personnel to determine application data access requirements, transaction rates, volume analysis, and other pertinent data required to develop and maintain integrated databases. Level 1 performs more routine aspects of the position and is supervised by higher levels.	0	Bachelors in process
Database Administrator 2	Database Administrator 2 administers organization's databases, using database management system to	3	Bachelors

	organize and store data. The Database Administrator 2 ascertains user requirements, creates computer databases, and tests and coordinates changes. This individual interacts with development and end-user personnel to determine application data access requirements, transaction rates, volume analysis, and other pertinent data required to develop and maintain integrated databases. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.		
Database Administrator 3	Database Administrator 3 administers organization's databases, using database management system to organize and store data. The Database Administrator 3 ascertains user requirements, creates computer databases, and tests and coordinates changes. This individual interacts with development and end-user personnel to determine application data access requirements, transaction rates, volume analysis, and other pertinent data required to develop and maintain integrated databases. Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.	7	Bachelors
Functional Specialist 1	<p>The Functional Specialist 1s provide knowledge in industry, process or technology areas. The Functional Specialist 1 responsibilities may include</p> <ul style="list-style-type: none"> • Plan and manage the work of information systems project teams • Design and implement new organization structures, conceptual design and development of training curricula • Assist an organization to translate its vision and strategy into core human resource and business process • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	3	Bachelors
Functional Specialist 2	<p>The Functional Specialist 2s provide knowledge in industry, process or technology areas. The Functional Specialist 1 responsibilities may include</p> <ul style="list-style-type: none"> • Plan and manage the work of information systems project teams • Design and implement new organization structures, conceptual design and development of training curricula • Assist an organization to translate its vision and strategy into core human resource and business process • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets 	5	Bachelors

	<p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>		
Functional Specialist 3	<p>The Functional Specialist 3s provide knowledge in industry, process or technology areas. The Functional Specialist 1 responsibilities may include</p> <ul style="list-style-type: none"> • Plan and manage the work of information systems project teams; • Design and implement new organization structures, conceptual design and development of training curricula • Assist an organization to translate its vision and strategy into core human resource and business process • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>	8	Bachelors
Consultant 1	<p>Consultant 1s apply their skills in such areas as systems development, knowledge of business processes, technical background or supervisory capacity to implement business solutions. For example, Consultants may perform tasks such as</p> <ul style="list-style-type: none"> • Develop functional and technical information system designs • Supervise business integration analysts in the development of software designs, computer programming, system testing or training curricula • Lead business process redesign teams in the development of new business process architectures • Design training programs for information systems users • Participate in quality reviews to ensure work complies with specified standards • Develop teamwork plans • Perform workflow analyses • Design and manage databases • Define information systems requirements • Assist in project budget preparation. <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	3	Bachelors
Consultant 2	<p>Consultant 2s apply their skills in such areas as systems development, knowledge of business processes, technical background or supervisory capacity to implement business solutions. For example, Consultants may perform tasks such as</p> <ul style="list-style-type: none"> • Develop functional and technical information system designs 	5	Bachelors

	<ul style="list-style-type: none"> • Supervise business integration analysts in the development of software designs, computer programming, system testing or training curricula • Lead business process redesign teams in the development of new business process architectures • Design training programs for information systems users • Participate in quality reviews to ensure work complies with specified standards • Develop teamwork plans • Perform workflow analyses • Design and manage databases • Define information systems requirements • Assist in project budget preparation <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>		
Consultant 3	<p>Consultant 3s apply their skills in such areas as systems development, knowledge of business processes, technical background or supervisory capacity to implement business solutions. For example, Consultants may perform tasks such as</p> <ul style="list-style-type: none"> • Develop functional and technical information system designs • Supervise business integration analysts in the development of software designs, computer programming, system testing or training curricula • Lead business process redesign teams in the development of new business process architectures • Design training programs for information systems users • Participate in quality reviews to ensure work complies with specified standards • Develop teamwork plans • Perform workflow analyses • Design and manage databases • Define information systems requirements • Assist in project budget preparation <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>	8	Bachelors
Engineer 1	<p>The Engineer 1 provides knowledge in design, architecture, development and administration. The Engineer may</p> <ul style="list-style-type: none"> • Monitor existing systems for structural integrity. • Oversee the development and installation of new hardware and software. • Install and configure operating systems and other software and routinely test installed software for glitch detection and other issues. • Provide technical direction to IT support staff 	0	Bachelors in process

	<ul style="list-style-type: none"> • Design and implement security systems and redundant backups to maintain data safety • Write custom scripts to reduce the need for human intervention, Create saleable, automated solutions for our customer base • Establish multi-platform versions of the software package • Write tests for existing and created code to ensure compatibility and stability • Evaluate, recommend, and implement automated test tools and strategies • Design, implement, and conduct test and evaluation procedures to ensure system requirements are met • Evaluate hardware and software and resolve LAN/MAN/WAN network related problems <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>		
Engineer 2	<p>The Engineer 2 provides knowledge in design, architecture, development and administration. The Engineer may</p> <ul style="list-style-type: none"> • Monitor existing systems for structural integrity. • Oversee the development and installation of new hardware and software. • Install and configure operating systems and other software and routinely test installed software for glitch detection and other issues. • Provide technical direction to IT support staff • Design and implement security systems and redundant backups to maintain data safety • Write custom scripts to reduce the need for human intervention, Create scaleable, automated solutions for our customer base • Establish multi-platform versions of the software package • Write tests for existing and created code to ensure compatibility and stability • Evaluate, recommend, and implement automated test tools and strategies • Design, implement, and conduct test and evaluation procedures to ensure system requirements are met • Evaluate hardware and software and resolve LAN/MAN/WAN network related problems <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	2	Bachelors
Engineer 3	<p>The Engineer 3 provides knowledge in design, architecture, development and administration. The Engineer may</p> <ul style="list-style-type: none"> • Monitor existing systems for structural integrity 	3	Bachelors

	<ul style="list-style-type: none"> • Oversee the development and installation of new hardware and software • Install and configure operating systems and other software and routinely test installed software for glitch detection and other issues. • Provide technical direction to IT support staff • Design and implement security systems and redundant backups to maintain data safety • Write custom scripts to reduce the need for human intervention, Create scaleable, automated solutions for our customer base • Establish multi-platform versions of the software package • Write tests for existing and created code to ensure compatibility and stability • Evaluate, recommend, and implement automated test tools and strategies • Design, implement, and conduct test and evaluation procedures to ensure system requirements are met • Evaluate hardware and software and resolve LAN/MAN/WAN network related problems <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>		
Technical Writer	The Technical Writer writes and updates material such as reports, manuals, briefs, proposals, instruction books, catalogs, and related technical and administrative publications concerned with work methods and procedures, and installation, operation, and maintenance.	2	Bachelors
Help Desk Manager	<p>The Help Desk Manager supervises and coordinates activities of Help Desk Specialists, Coordinators or Technicians. This individual identifies, troubleshoots, or resolves information systems problems to minimize down time of applications and personnel. The Help Desk Manager may</p> <ul style="list-style-type: none"> • Assist computer users with hardware and software questions and problems, • Field telephone calls and e-mail messages from customers seeking guidance on technical problems • Diagnose nature of problems, and assisting customers through problem solving steps 	2	Associates
Help Desk Specialist	The Help Desk Specialist analyzes problems and provides technical assistance, support, and advice to end users for hardware, software, and systems through phone, email, or chat. This individual resolves computer software and hardware problems of users, and acts as a contact for users having problems using computer software, hardware, and operating systems. The Help Desk Specialist answers questions, applying knowledge of computer software, hardware, systems, and procedures.	1	Associates

Programmer 1	<p>The Programmer 1 is responsible for activities such as program design, coding, testing, debugging or documentation. This individual has technical knowledge and responsibility of all phases of applications systems analysis and programming, and understands the business or function for which application is designed. The Programmer may</p> <ul style="list-style-type: none"> • Write programs according to specifications, which may be provided by Engineers, technical architects, or other computer scientists • Update, repair, modify and expand existing computer programs <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	<p>0</p>	<p>Bachelors In Process</p>
Programmer 2	<p>The Programmer 2 is responsible for activities such as program design, coding, testing, debugging or documentation. This individual has technical knowledge and responsibility of all phases of applications systems analysis and programming. Understands the business or function for which application is designed. The Programmer may</p> <ul style="list-style-type: none"> • Write programs according to specifications, which may be provided by Engineers, technical architects, or other computer scientists • Update, repair, modify and expand existing computer programs <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	<p>2</p>	<p>Bachelors</p>
Programmer 3	<p>The Programmer 3 is responsible for activities such as program design, coding, testing, debugging or documentation. This individual has technical knowledge and responsibility of all phases of applications systems analysis and programming. Understands the business or function for which application is designed. The Programmer may</p> <ul style="list-style-type: none"> • Write programs according to specifications, which may be provided by Engineers, technical architects, or other computer scientists • Update, repair, modify and expand existing computer programs. <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work</p>	<p>5</p>	<p>Bachelors</p>
Operations Manager	<p>The Operation Manager manages, coordinates, or organizes department operation strategies and activities. The Operation Manager may</p> <ul style="list-style-type: none"> • Collaborate in the development and implementation of organization policies, practices, procedures, and attainment of operating goals 	<p>3</p>	<p>Bachelors</p>

	<ul style="list-style-type: none"> Review, analyze, and prepare reports, records, and directives, and confers with managers/supervisors to obtain data required for planning activities, such as new commitments, status of work in progress, and problems encountered Disseminate policies and objectives to supervisors/staff 		
Agile Coach	The Agile Coach may assist or lead teams to apply Agile thinking to the specific environment and impediments they face. The Coach works as an advisor and helps the team adapt the methodology to their environment, and challenge the existing environment.	8	Bachelors
Scrum Master	The Scrum Master may facilitate or guide a software development product owner, team, and organization on how to use Agile/Scrum concepts, values, practices, and principles focusing on improving team effectiveness. The Scrum Master leads discussions and decision making, and assists in mediation of conflict resolution.	6	Bachelors
Financial Analyst	<p>The Financial Analyst analyzes past and present financial data of organization and estimates future revenues and expenditures, applying principles of finance. The Financial Analyst may</p> <ul style="list-style-type: none"> Run and document financial analysis projects, Aid organization with financial functions, such as assessing, auditing, planning, budgeting, taxes, consolidation, cost control, and project control Evaluate and analyze capital expenditures, depreciation, proposals, investment opportunities, rate of return, profit plans, operating records, financial statements, etc. 	3	Bachelors
Data Architect	The Data Architect may define, design, or develop relational and/or multi-dimensional databases for warehousing of data. The Data Architect reviews current data structures and recommends optimizations and reconfigurations as warranted.	7	Bachelors
Program Analyst	<p>The Program Analyst analyzes and critiques computer programs and systems, or develops new programs. The Program Analyst may</p> <ul style="list-style-type: none"> Review user's requests for new or modified computer programs to determine feasibility, cost and time required, compatibility with current system, and computer capabilities Outline steps required to develop programs, using structured analysis and design Plan, develop, test, and document computer programs, applying knowledge of programming techniques and computer systems 	2	Bachelors
Application Architect 1	The Application Architect 1 may plan, design, develop, redesign or enhance, install, or implement various technology products, or enhance computer programs. This individual applies knowledge of software and	3	Bachelors

	programming to develop and test computer systems and produce the necessary outcome for clients. The Application Architect may draft technical white papers to better understand the technology behind them, and to provide instructions that help the client better understand the nature and applications of a specific product. Level 1 performs more routine aspects of the position and is supervised by higher levels.		
Application Architect 2	The Application Architect 2 may plan, design, develop, redesign or enhance, install, or implement various technology products, or enhance computer programs. This individual applies knowledge of software and programming to develop and test computer systems and produce the necessary outcome for clients. The Application Architect may draft technical white papers to better understand the technology behind them, and to provide instructions that help the client better understand the nature and applications of a specific product. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.	5	Bachelors
Application Architect 3	The Application Architect 3 may plan, design, develop, redesign or enhance, install, or implement various technology products, or enhance computer programs. This individual applies knowledge of software and programming to develop and test computer systems and produce the necessary outcome for clients. The Application Architect may draft technical white papers to better understand the technology behind them, and to provide instructions that help the client better understand the nature and applications of a specific product. Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.	7	Bachelors
Customer Service and Support Technician 1	The Customer Service and Support Technician 1 may perform some of the following tasks <ul style="list-style-type: none"> • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction • Updates job knowledge by participating in educational opportunities and knowledge management • Answers inquiries by clarifying desired information; researching, locating, and providing information. • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; 	0	Associates

	<p>implementing solutions; escalating unresolved problems.</p> <ul style="list-style-type: none"> • Fulfills requests by clarifying desired information; completing transactions; forwarding requests. • Maintains call center database by entering information and document customer interaction. • Updates job knowledge by participating in educational opportunities and knowledge management. • Develops appropriate reporting requirements by supervisor or manager • Handles Subject Matter Expert inquiries and assist other team members • Assists in the training of new-hires and assist in quality assurance activities <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>		
<p>Customer Service and Support Technician 2</p>	<p>The Customer Service and Support Technician 2 may perform some of the following tasks</p> <ul style="list-style-type: none"> • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction • Updates job knowledge by participating in educational opportunities and knowledge management • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction • Updates job knowledge by participating in educational opportunities and knowledge management • Develops appropriate reporting requirements by supervisor or manager • Handles Subject Matter Expert inquiries and assist other team members • Assists in the training of new-hires and assist in quality assurance activities 	<p>1</p>	<p>Associates</p>

	Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.		
Customer Service and Support Technician 3	<p>The Customer Service and Support Technician 3 may perform some of the following tasks</p> <ul style="list-style-type: none"> • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction • Updates job knowledge by participating in educational opportunities and knowledge management • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction • Updates job knowledge by participating in educational opportunities and knowledge management • Develops appropriate reporting requirements by supervisor or manager • Handles Subject Matter Expert inquiries and assist other team members • Assists in the training of new-hires and assist in quality assurance activities <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>	2	Associates
Customer Service and Support Supervisor 1	<p>The Customer Service and Support Supervisor 1 may perform the following tasks</p> <ul style="list-style-type: none"> • Maintains call center database by entering and verifying information; updating contact log • Improves quality results by recommending changes and coaching representatives • Updates job knowledge by participating in educational opportunities and knowledge management • Manages representatives and ensures appropriate training 	1	Associates

	<ul style="list-style-type: none"> Enhances organization reputation by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>		
Customer Service and Support Supervisor 2	<p>The Customer Service and Support Supervisor 2 may perform the following tasks</p> <ul style="list-style-type: none"> Maintains call center database by entering and verifying information; updating contact log Improves quality results by recommending changes and coaching representatives Updates job knowledge by participating in educational opportunities and knowledge management Manages representatives and ensures appropriate training Enhances organization reputation by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	2	Associates
Customer Service and Support Supervisor 3	<p>The Customer Service and Support Supervisor 3 may perform the following tasks</p> <ul style="list-style-type: none"> Maintains call center database by entering and verifying information; updating contact log Improves quality results by recommending changes and coaching representatives Updates job knowledge by participating in educational opportunities and knowledge management Manages representatives and ensures appropriate training Enhances organization reputation by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>	3	Associates
Customer Service and Support Manager 1	<p>The Customer Service and Support Manager 1 may perform the following tasks</p> <ul style="list-style-type: none"> Determines call center operational strategies by conducting needs assessments, performance reviews, capacity planning, and cost/benefit analyses; identifying and evaluating state-of-the-art technologies; defining user requirements; establishing technical specifications, and production, productivity, quality, and customer-service 	2	Associates

	<p>standards; contributing information and analysis to organizational strategic plans and reviews</p> <ul style="list-style-type: none"> • Maintains and improves call center operations by monitoring system performance; identifying and resolving problems; preparing and completing action plans; completing audits and analyses; managing process improvement and quality assurance programs • Accomplishes call center human resource objectives by recruiting, selecting, orienting, training, assigning, coaching, counseling, and disciplining employees; administering scheduling systems; communicating job expectations; planning, monitoring, appraising, and reviewing job contributions; planning and reviewing compensation actions; enforcing policies and procedures • Prepares call center performance reports by collecting, analyzing, and summarizing data and trends • Accomplishes organization goals by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>		
<p>Customer Service and Support Manager 2</p>	<p>The Customer Service and Support Manager 2 may perform the following tasks</p> <ul style="list-style-type: none"> • Determines call center operational strategies by conducting needs assessments, performance reviews, capacity planning, and cost/benefit analyses; identifying and evaluating state-of-the-art technologies; defining user requirements; establishing technical specifications, and production, productivity, quality, and customer-service standards; contributing information and analysis to organizational strategic plans and reviews • Maintains and improves call center operations by monitoring system performance; identifying and resolving problems; preparing and completing action plans; completing audits and analyses; managing process improvement and quality assurance programs • Accomplishes call center human resource objectives by recruiting, selecting, orienting, training, assigning, coaching, counseling, and disciplining employees; administering scheduling systems; communicating job expectations; planning, monitoring, appraising, and reviewing job contributions; planning and reviewing compensation actions; enforcing policies and procedures • Prepares call center performance reports by collecting, analyzing, and summarizing data and trends 	<p>3</p>	<p>Associates</p>

	<ul style="list-style-type: none"> Accomplishes organization goals by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>		
Customer Service and Support Manager 3	<p>The Customer Service and Support Manager 3 may perform the following tasks</p> <ul style="list-style-type: none"> Determines call center operational strategies by conducting needs assessments, performance reviews, capacity planning, and cost/benefit analyses; identifying and evaluating state-of-the-art technologies; defining user requirements; establishing technical specifications, and production, productivity, quality, and customer-service standards; contributing information and analysis to organizational strategic plans and reviews Maintains and improves call center operations by monitoring system performance; identifying and resolving problems; preparing and completing action plans; completing audits and analyses; managing process improvement and quality assurance programs Accomplishes call center human resource objectives by recruiting, selecting, orienting, training, assigning, coaching, counseling, and disciplining employees; administering scheduling systems; communicating job expectations; planning, monitoring, appraising, and reviewing job contributions; planning and reviewing compensation actions; enforcing policies and procedures Prepares call center performance reports by collecting, analyzing, and summarizing data and trends Accomplishes organization goals by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>	4	Associates
Application Systems Analyst	<p>The Application Systems Analyst may oversee the implementation of required hardware and software components for approved applications, coordinate tests of the application system to provide proper performance, or develop diagrams and flow charts for computer programmers to follow. The Application Systems Analyst reviews, analyzes, and modifies programming systems, including encoding, debugging, and installing to support an organization's application systems. The Application Systems Analyst develops</p>	4	Bachelors

	application specifications, identifies the required inputs, and formats the output to meet users' needs.		
Security Specialist 1	The Security Specialist 1 may identify or resolve highly complex issues to prevent cyberattacks on information systems or keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, or theft of sensitive customer data, allowing business to continue as normal. The Security Specialist designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Level 1 performs more routine aspects of the position and is supervised by higher levels.	0	Bachelors
Security Specialist 2	The Security Specialist 2 may identify or resolve highly complex issues to prevent cyberattacks on information systems or keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, or theft of sensitive customer data, allowing business to continue as normal. The Security Specialist designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.	3	Bachelors
Security Specialist 3	The Security Specialist 3 may identify or resolve highly complex issues to prevent cyberattacks on information systems or keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, or theft of sensitive customer data, allowing business to continue as normal. The Security Specialist designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.	7	Bachelors
Business Analyst 1	The Business Analyst 1 may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into technical requirements. The Business Analyst uses available computer systems resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution.	0	Bachelors

	<p>In addition, the Business Analyst may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan for each project and hold regular stakeholder meetings to keep all interested parties updated in project progress • Determine and document user requirements for business processes and abide by those requirements for future projects • Reviews and analyzes information, forecasts, methods, schedules, systems, processes and procedures • Provides expertise in, but not limited to, Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>		
Business Analyst 2	<p>The Business Analyst 2 may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into technical requirements. The Business Analyst uses available computer systems resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution.</p> <p>In addition, the Business Analyst may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan for each project and hold regular stakeholder meetings to keep all interested parties updated in project progress • Determine and document user requirements for business processes and abide by those requirements for future projects • Reviews and analyzes information, forecasts, methods, schedules, systems, processes and procedures • Provides expertise in, but not limited to, Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	3	Bachelors
Business Analyst 3	<p>The Business Analyst 3 may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into technical requirements. The Business Analyst uses available computer systems resources and personnel to carry</p>	7	Bachelors

	<p>out analysis to support management's quest for performance improvement to determine the most useful business solution.</p> <p>In addition, the Business Analyst may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan for each project and hold regular stakeholder meetings to keep all interested parties updated in project progress • Determine and document user requirements for business processes and abide by those requirements for future projects • Reviews and analyzes information, forecasts, methods, schedules, systems, processes and procedures • Provides expertise in, but not limited to, Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>		
Quality Assurance Specialist	<p>The Quality Assurance Specialist may improve reliability of new product development processes, maintain company quality standards, or review products, processes and systems on an ongoing basis to determine where improvements can be made. The Quality Assurance Specialist may</p> <ul style="list-style-type: none"> • Develop and implement quality control methodologies to ensure compliance with quality assurance standards, guidelines, and procedures • Develop and define major and minor characteristics of quality including quality metrics and scoring parameters and determines requisite quality control resources for an actual task order • Establish and maintain a process for evaluating hardware, software, and associated documentation and/or assist in the evaluation • Conduct and/or participate in formal and informal reviews at pre-determined points throughout the development life cycle 	3	Bachelors
Network Administrator	<p>The Network Administrators administers design, organization, or implementation of network, and heads technical support staff who manage and maintain hubs, servers, and routers. This individual uses knowledge and understanding of both networking and telecommunications theory and practice. The Network Administrator communicates with users, technical teams, and vendors on new technology and system upgrades and to determine software and hardware installation requirements.</p>	3	Bachelors
Enterprise Architect	<p>The Enterprise architects work with stakeholders, both leadership and subject matter experts, to build a holistic view of the organization's strategy, processes,</p>	8	Bachelors

	information, and information technology assets to keep the business and IT in alignment. The Enterprise Architect links the business mission, strategy, and processes of an organization to its IT strategy, and documents this using multiple architectural models or views that show how the current and future needs of an organization will be met in an efficient, sustainable, agile, and adaptable manner.		
ITIL Service Manager 1	<p>The ITIL Service Manager defines and maintains organizational structure, roles and responsibilities or staffing for the Service Management Team. The ITIL Service manager may perform the following</p> <ul style="list-style-type: none"> • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Responsible for supporting in audit activities and take steps to ensure all gaps are addressed in a timely manner • D58 Ensuring that all KPI targets are being achieved • Provide periodic status reports/communications to stakeholders on Major incidents, other priority incidents and issues • Weekly communication to management on issues, risks, accomplishments, SLA breaches, and KPIs • Communicate status updates to executive leadership • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements. • Ensure compliance to the Service Delivery Operating Model and Service Delivery processes, leverage tool • Plan for and manage demand fulfillment based on priority • Measure and monitor demand to make sure demand is met on a timely basis and within budget, and expectations are met or exceeded • Identify resource requirements defined by skills and experience using resources effectively • Define team member roles and expectations, and gain timely feedback • Manage day-to-day relationships with teaming partners and suppliers • Identify and implement best practices, continuous improvements <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	2	Bachelors
ITIL Service Manager 2	The ITIL Service Manager defines and maintains organizational structure, roles and responsibilities or	4	Bachelors

	<p>staffing for the Service Management Team. The ITIL Service Manager may perform the following</p> <ul style="list-style-type: none"> • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Responsible for supporting in audit activities and take steps to ensure all gaps are addressed in a timely manner • Ensuring that all KPI targets are being achieved • Provide periodic status reports/communications to stakeholders on Major incidents, other priority incidents and issues • Weekly communication to management on issues, risks, accomplishments, SLA breaches, and KPIs • Communicate status updates to executive leadership • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Ensure compliance to the Service Delivery Operating Model and Service Delivery processes, leverage tool • Plan for and manage demand fulfillment based on priority • Measure and monitor demand to make sure demand is met on a timely basis and within budget, and expectations are met or exceeded • Identify resource requirements defined by skills and experience using resources effectively • Define team member roles and expectations, and gain timely feedback • Manage day-to-day relationships with teaming partners and suppliers • Identify and implement best practices, continuous improvements <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>		
<p>ITIL Service Manager 3</p>	<p>The ITIL Service Manager defines and maintains organizational structure, roles and responsibilities or staffing for the Service Management Team. The ITIL Service Manager may perform the following:</p> <ul style="list-style-type: none"> • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Responsible for supporting in audit activities and take steps to ensure all gaps are addressed in a timely manner • Ensuring that all KPI targets are being achieved 	<p>6</p>	<p>Bachelors</p>

	<ul style="list-style-type: none"> • Provide periodic status reports/communications to stakeholders on Major incidents, other priority incidents and issues • Weekly communication to management on issues, risks, accomplishments, SLA breaches, and KPIs • Communicate status updates to executive leadership • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Ensure compliance to the Service Delivery Operating Model and Service Delivery processes, leverage tool • Plan for and manage demand fulfillment based on priority • Measure and monitor demand to make sure demand is met on a timely basis and within budget, and expectations are met or exceeded • Identify resource requirements defined by skills and experience using resources effectively. • Define team member roles and expectations, and gain timely feedback • Manage day-to-day relationships with teaming partners and suppliers • Identify and implement best practices, continuous improvements. <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>		
Training Specialist	The Training Specialist develops teaching outlines and determines instructional methods, using knowledge of specified training needs and effectiveness of such methods as individual training, group instruction, lectures, demonstrations, conferences, meetings, or workshops. This individual prepares, organizes and heads training sessions covering standard training, specialized training or counseling in designated areas.	2	Bachelors
Storage Administrator	The Storage Administrator administers and safeguards efficient and reliable centralized electronic storage area networks (SAN), such as Network Attached Storage, Content Addressable Storage, DAS environments, or other technologies classified as storage technology. This individual may oversee, evaluate, implement, monitor, troubleshoot, or maintain SAN and related technologies, system upgrades, or optimization storage strategies. The Storage Administrator monitors the data storage needs of the company so that business can run efficiently.	3	Bachelors
Analyst 1	The Analyst 1 applies their analytical and technical skills to assist in implementing business solutions. An Analyst 1 is directed to exercise core skills on projects,	0	Bachelors

	<p>or may direct small teams. They are qualified to perform tasks such as</p> <ul style="list-style-type: none"> • Document an organization’s current business process flows • Design, code and test functional components of information systems according to project specifications <p>Identify and document functional requirements for information systems</p> <ul style="list-style-type: none"> • Develop project documentation and user training materials according to program specifications <p>Conduct user training sessions</p> <ul style="list-style-type: none"> • Prepare communications plans • Produce database extracts • Provide technical support to software development teams • Perform program management support tasks, such as status reporting and work plan maintenance. <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>		
Analyst 2	<p>The Analyst 2 applies their analytical and technical skills to assist in implementing business solutions. An Analyst 2 is directed to exercise core skills on projects, or may direct small teams. They are qualified to perform tasks such as</p> <ul style="list-style-type: none"> • Document an organization’s current business process flows • Design, code and test functional components of information systems according to project specifications • Identify and document functional requirements for information systems • Develop project documentation and user training materials according to program specifications • Conduct user training sessions • Prepare communications plans • Produce database extracts • Provide technical support to software development teams • Perform program management support tasks, such as status reporting and work plan maintenance <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	2	Bachelors
Analyst 3	<p>The Analyst 3 applies their analytical and technical skills to assist in implementing business solutions. An Analyst 3 is directed to exercise core skills on projects, or may direct small teams. They are qualified to perform tasks such as</p>	4	Bachelors

	<ul style="list-style-type: none"> • Document an organization’s current business process flows • Design, code and test functional components of information systems according to project specifications • Identify and document functional requirements for information systems • Develop project documentation and user training materials according to program specifications • Conduct user training sessions • Prepare communications plans • Produce database extracts • Provide technical support to software development teams • Perform program management support tasks, such as status reporting and work plan maintenance <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>		
Web Designer	<p>The Web Designer may design, plan, or execute the design and layout for Internet sites and web pages, which may include combining text with sounds, pictures, graphics, and video-clips. The Web Designer may</p> <ul style="list-style-type: none"> • Question or communicate with clients to assess their needs, discuss requirements, and clarify their goals for establishing a website. • Meet with clients on a regular basis to evaluate and modify site as it seems appropriate and keeps them informed of project progress. • Design custom-tailored plan for a proposed site using combination of graphic and written material, and modifies proposal as necessary until the client is satisfied. • Design, maintain, and update information and digitized images, banners, bullets, charts, image maps, and other graphics to enhance appearance of site and keep the content and graphics current. • Maintain site appearance by developing and enforcing content and display standards. 	2	Bachelors

Education Substitutions for SIN 54151S Labor Categories:

Degree	Experience Equivalent
Bachelors	<ul style="list-style-type: none"> • Associate’s degree plus two years’ experience
Masters	<ul style="list-style-type: none"> • Bachelor’s degree plus two years of experience, or • Associates degree plus four years experience
PhD/Doctorate	<ul style="list-style-type: none"> • Master’s degree plus two years experience or • Bachelor’s degree plus four years experience or • Associates degree plus six years experience

- The years of experience substituted may be used to satisfy education requirements.

- Completion of higher education which has not yet resulted in a degree may be counted as one-for-one years of experience for each year of higher education and may be used to satisfy education requirements.

Experience Substitutions for SIN 54151S Labor Categories:

Advanced Degree	Equal-To Years of Experience
Masters	Two years
PhD/Doctorate	Four years

- May be used to satisfy experience requirements when the minimum Education requirements are met.

2.1.2 Labor Categories and Rates (SIN 54151S, formerly 132 51)

2.1.2.1 Customer Facility

Labor Categories at Customer Facility ("Government site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/17 - 7/11/18	7/12/18 - 4/9/19	4/10/19 - 7/11/19	7/12/19 - 7/11/20	7/12/20 - 7/11/21	7/12/21 - 7/11/22
Senior Program Manager	\$433.92	\$446.50	\$442.04	\$454.86	\$468.05	\$481.62
Program Manager	\$382.26	\$393.35	\$389.42	\$400.71	\$412.33	\$424.29
Project Manager	\$248.20	\$255.40	\$252.85	\$260.18	\$267.73	\$275.49
Task Manager	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Subject Matter Expert 1	\$221.70	\$228.13	\$225.85	\$232.40	\$239.14	\$246.08
Subject Matter Expert 2	\$255.03	\$262.43	\$259.81	\$267.34	\$275.09	\$283.07
Subject Matter Expert 3	\$302.56	\$311.33	\$308.22	\$317.16	\$326.36	\$335.82
Technical Architect 1	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Technical Architect 2	\$248.20	\$255.40	\$252.85	\$260.18	\$267.73	\$275.49
System Administrator 1	\$110.60	\$113.81	\$112.67	\$115.94	\$119.30	\$122.76
System Administrator 2	\$161.30	\$165.98	\$164.32	\$169.09	\$173.99	\$179.04
System Administrator 3	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Database Administrator 1	\$110.60	\$113.81	\$112.67	\$115.94	\$119.30	\$122.76
Database Administrator 2	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97
Database Administrator 3	\$164.50	\$169.27	\$167.58	\$172.44	\$177.44	\$182.59
Functional Specialist 1	\$119.47	\$122.93	\$121.70	\$125.23	\$128.86	\$132.60
Functional Specialist 2	\$161.30	\$165.98	\$164.32	\$169.09	\$173.99	\$179.04
Functional Specialist 3	\$195.75	\$201.43	\$199.42	\$205.20	\$211.15	\$217.27
Consultant 1	\$113.57	\$116.86	\$115.69	\$119.05	\$122.50	\$126.05
Consultant 2	\$152.14	\$156.55	\$154.98	\$159.47	\$164.09	\$168.85
Consultant 3	\$185.45	\$190.83	\$188.92	\$194.40	\$200.04	\$205.84
Engineer 1	\$107.83	\$110.96	\$109.85	\$113.04	\$116.32	\$119.69
Engineer 2	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97
Engineer 3	\$161.30	\$165.98	\$164.32	\$169.09	\$173.99	\$179.04

Technical Writer	\$109.93	\$113.12	\$111.99	\$115.24	\$118.58	\$122.02
Help Desk Manager	\$118.34	\$121.77	\$120.55	\$124.05	\$127.65	\$131.35
Help Desk Specialist	\$75.94	\$78.14	\$77.36	\$79.60	\$81.91	\$84.29
Programmer 1	\$84.77	\$87.23	\$86.36	\$88.86	\$91.44	\$94.09
Programmer 2	\$133.43	\$137.30	\$135.93	\$139.87	\$143.93	\$148.10
Programmer 3	\$180.64	\$185.88	\$184.02	\$189.36	\$194.85	\$200.50
Operations Manager	\$145.93	\$150.16	\$148.66	\$152.97	\$157.41	\$161.97
Agile Coach	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Scrum Master	\$216.69	\$222.97	\$220.74	\$227.14	\$233.73	\$240.51
Financial Analyst	\$161.30	\$165.98	\$164.32	\$169.09	\$173.99	\$179.04
Data Architect	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Program Analyst	\$109.93	\$113.12	\$111.99	\$115.24	\$118.58	\$122.02
Application Architect 1	\$129.09	\$132.83	\$131.50	\$135.31	\$139.23	\$143.27
Application Architect 2	\$162.35	\$167.06	\$165.39	\$170.19	\$175.13	\$180.21
Application Architect 3	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Customer Service and Support Technician 1	\$60.80	\$62.56	\$61.93	\$63.73	\$65.58	\$67.48
Customer Service and Support Technician 2	\$79.00	\$81.29	\$80.48	\$82.81	\$85.21	\$87.68
Customer Service and Support Technician 3	\$89.04	\$91.62	\$90.70	\$93.33	\$96.04	\$98.83
Customer Service and Support Supervisor 1	\$79.00	\$81.29	\$80.48	\$82.81	\$85.21	\$87.68
Customer Service and Support Supervisor 2	\$89.04	\$91.62	\$90.70	\$93.33	\$96.04	\$98.83
Customer Service and Support Supervisor 3	\$98.26	\$101.11	\$100.10	\$103.00	\$105.99	\$109.06
Customer Service and Support Manager 1	\$89.04	\$91.62	\$90.70	\$93.33	\$96.04	\$98.83
Customer Service and Support Manager 2	\$98.26	\$101.11	\$100.10	\$103.00	\$105.99	\$109.06
Customer Service and Support Manager 3	\$116.78	\$120.17	\$118.97	\$122.42	\$125.97	\$129.62
Application Systems Analyst	\$162.35	\$167.06	\$165.39	\$170.19	\$175.13	\$180.21
Security Specialist 1	\$108.55	\$111.70	\$110.58	\$113.79	\$117.09	\$120.49
Security Specialist 2	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97
Security Specialist 3	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Business Analyst 1	\$110.60	\$113.81	\$112.67	\$115.94	\$119.30	\$122.76
Business Analyst 2	\$161.30	\$165.98	\$164.32	\$169.09	\$173.99	\$179.04
Business Analyst 3	\$216.69	\$222.97	\$220.74	\$227.14	\$233.73	\$240.51
Quality Assurance Specialist	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97
Network Administrator	\$145.93	\$150.16	\$148.66	\$152.97	\$157.41	\$161.97
Enterprise Architect	\$221.70	\$228.13	\$225.85	\$232.40	\$239.14	\$246.08
ITIL Service Manager 1	\$98.26	\$101.11	\$100.10	\$103.00	\$105.99	\$109.06

ITIL Service Manager 2	\$116.78	\$120.17	\$118.97	\$122.42	\$125.97	\$129.62
ITIL Service Manager 3	\$145.72	\$149.95	\$148.45	\$152.76	\$157.19	\$161.75
Training Specialist	\$145.93	\$150.16	\$148.66	\$152.97	\$157.41	\$161.97
Storage Administrator	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97
Analyst 1	\$101.90	\$104.86	\$103.81	\$106.82	\$109.92	\$113.11
Analyst 2	\$129.09	\$132.83	\$131.50	\$135.31	\$139.23	\$143.27
Analyst 3	\$162.35	\$167.06	\$165.39	\$170.19	\$175.13	\$180.21
Web Designer	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97

*Note: Prices include the 0.75% Industrial Funding Fee (IFF).

2.1.2.2 Contractor Facility

Labor Categories at Contractor Facility ("Contractor Site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/17 - 7/11/18	7/12/18 - 4/9/19	4/10/19 - 7/11/19	7/12/19 - 7/11/20	7/12/20 - 7/11/21	7/12/21 - 7/11/22
Senior Program Manager	\$452.00	\$465.11	\$460.46	\$473.81	\$487.55	\$501.69
Program Manager	\$398.19	\$409.74	\$405.64	\$417.40	\$429.50	\$441.96
Project Manager	\$258.55	\$266.05	\$263.39	\$271.03	\$278.89	\$286.98
Task Manager	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Subject Matter Expert 1	\$230.94	\$237.64	\$235.26	\$242.08	\$249.10	\$256.32
Subject Matter Expert 2	\$265.65	\$273.35	\$270.62	\$278.47	\$286.55	\$294.86
Subject Matter Expert 3	\$315.17	\$324.31	\$321.07	\$330.38	\$339.96	\$349.82
Technical Architect 1	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Technical Architect 2	\$258.55	\$266.05	\$263.39	\$271.03	\$278.89	\$286.98
System Administrator 1	\$115.20	\$118.54	\$117.35	\$120.75	\$124.25	\$127.85
System Administrator 2	\$168.02	\$172.89	\$171.16	\$176.12	\$181.23	\$186.49
System Administrator 3	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Database Administrator 1	\$115.20	\$118.54	\$117.35	\$120.75	\$124.25	\$127.85
Database Administrator 2	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
Database Administrator 3	\$171.37	\$176.34	\$174.58	\$179.64	\$184.85	\$190.21
Functional Specialist 1	\$124.45	\$128.06	\$126.78	\$130.46	\$134.24	\$138.13
Functional Specialist 2	\$168.02	\$172.89	\$171.16	\$176.12	\$181.23	\$186.49
Functional Specialist 3	\$203.89	\$209.80	\$207.70	\$213.72	\$219.92	\$226.30
Consultant 1	\$118.30	\$121.73	\$120.51	\$124.00	\$127.60	\$131.30
Consultant 2	\$158.47	\$163.07	\$161.44	\$166.12	\$170.94	\$175.90
Consultant 3	\$193.19	\$198.79	\$196.80	\$202.51	\$208.38	\$214.42
Engineer 1	\$112.31	\$115.57	\$114.41	\$117.73	\$121.14	\$124.65
Engineer 2	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
Engineer 3	\$168.02	\$172.89	\$171.16	\$176.12	\$181.23	\$186.49
Technical Writer	\$114.86	\$118.19	\$117.01	\$120.40	\$123.89	\$127.48

Help Desk Manager	\$123.63	\$127.22	\$125.95	\$129.60	\$133.36	\$137.23
Help Desk Specialist	\$79.34	\$81.64	\$80.82	\$83.16	\$85.57	\$88.05
Programmer 1	\$88.56	\$91.13	\$90.22	\$92.84	\$95.53	\$98.30
Programmer 2	\$139.41	\$143.45	\$142.02	\$146.14	\$150.38	\$154.74
Programmer 3	\$188.73	\$194.20	\$192.26	\$197.84	\$203.58	\$209.48
Operations Manager	\$152.46	\$156.88	\$155.31	\$159.81	\$164.44	\$169.21
Agile Coach	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Scrum Master	\$225.72	\$232.27	\$229.95	\$236.62	\$243.48	\$250.54
Financial Analyst	\$168.02	\$172.89	\$171.16	\$176.12	\$181.23	\$186.49
Data Architect	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Program Analyst	\$114.86	\$118.19	\$117.01	\$120.40	\$123.89	\$127.48
Application Architect 1	\$134.87	\$138.78	\$137.39	\$141.37	\$145.47	\$149.69
Application Architect 2	\$169.62	\$174.54	\$172.79	\$177.80	\$182.96	\$188.27
Application Architect 3	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Customer Service and Support Technician 1	\$63.55	\$65.39	\$64.74	\$66.62	\$68.55	\$70.54
Customer Service and Support Technician 2	\$82.56	\$84.95	\$84.10	\$86.54	\$89.05	\$91.63
Customer Service and Support Technician 3	\$93.06	\$95.76	\$94.80	\$97.55	\$100.38	\$103.29
Customer Service and Support Supervisor 1	\$82.56	\$84.95	\$84.10	\$86.54	\$89.05	\$91.63
Customer Service and Support Supervisor 2	\$93.06	\$95.76	\$94.80	\$97.55	\$100.38	\$103.29
Customer Service and Support Supervisor 3	\$102.69	\$105.67	\$104.61	\$107.64	\$110.76	\$113.97
Customer Service and Support Manager 1	\$93.06	\$95.76	\$94.80	\$97.55	\$100.38	\$103.29
Customer Service and Support Manager 2	\$102.69	\$105.67	\$104.61	\$107.64	\$110.76	\$113.97
Customer Service and Support Manager 3	\$122.05	\$125.59	\$124.33	\$127.94	\$131.65	\$135.47
Application Systems Analyst	\$169.62	\$174.54	\$172.79	\$177.80	\$182.96	\$188.27
Security Specialist 1	\$113.09	\$116.37	\$115.21	\$118.55	\$121.99	\$125.53
Security Specialist 2	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
Security Specialist 3	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Business Analyst 1	\$115.20	\$118.54	\$117.35	\$120.75	\$124.25	\$127.85
Business Analyst 2	\$168.02	\$172.89	\$171.16	\$176.12	\$181.23	\$186.49
Business Analyst 3	\$225.72	\$232.27	\$229.95	\$236.62	\$243.48	\$250.54
Quality Assurance Specialist	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
Network Administrator	\$152.46	\$156.88	\$155.31	\$159.81	\$164.44	\$169.21
Enterprise Architect	\$230.94	\$237.64	\$235.26	\$242.08	\$249.10	\$256.32
ITIL Service Manager 1	\$102.69	\$105.67	\$104.61	\$107.64	\$110.76	\$113.97
ITIL Service Manager 2	\$122.05	\$125.59	\$124.33	\$127.94	\$131.65	\$135.47

ITIL Service Manager 3	\$152.28	\$156.70	\$155.13	\$159.63	\$164.26	\$169.02
Training Specialist	\$152.46	\$156.88	\$155.31	\$159.81	\$164.44	\$169.21
Storage Administrator	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
Analyst 1	\$106.47	\$109.56	\$108.46	\$111.61	\$114.85	\$118.18
Analyst 2	\$134.87	\$138.78	\$137.39	\$141.37	\$145.47	\$149.69
Analyst 3	\$169.62	\$174.54	\$172.79	\$177.80	\$182.96	\$188.27
Web Designer	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
*Note: Prices include the 0.75% Industrial Funding Fee (IFF).						

2.2 SIN 54151HEAL (formerly 132 56)

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.

2.2.1 Labor Category Descriptions (SIN 54151HEAL, formerly 132 56)

Labor Category Name	Labor Category Description	Min Years Experience	Min Education
Biomedical Engineer 1	A Biomedical Engineer may apply engineering principles or design concepts to medicine and biology for the design and use of information systems for healthcare purposes (e.g. diagnostic, therapeutic and medical data). This field seeks to close the gap between the engineering of IT systems and medicine: It combines the design and problem-solving skills of engineering with medical and biological sciences to advance delivery of healthcare treatment including diagnosis, monitoring, therapy and the use of data/analytics. Level 1 performs more routine aspects of the position and is supervised by higher levels.	3	Bachelors
Biomedical Engineer 2	A Biomedical Engineer may apply engineering principles or design concepts to medicine and biology for the design and use of information systems for healthcare purposes (e.g. diagnostic, therapeutic and medical data). This field seeks to close the gap between the engineering of IT systems and medicine: It combines the design and problem-solving skills of engineering with medical and biological sciences to advance delivery of healthcare treatment including diagnosis, monitoring, therapy and the use of data/analytics. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.	5	Bachelors
Biomedical Engineer 3	A Biomedical Engineer may apply engineering principles or design concepts to medicine and biology for the design and use of information systems for healthcare purposes (e.g. diagnostic, therapeutic and medical data). This field seeks to close the gap	7	Bachelors

	between the engineering of IT systems and medicine: It combines the design and problem-solving skills of engineering with medical and biological sciences to advance delivery of healthcare treatment including diagnosis, monitoring, therapy and the use of data/analytics. Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.		
Biostatistician 1	A Biostatistician specializes in the application of statistics and/or computer information systems technology to biological studies applying the use of statistical software packages such as SAS, BMDP, SPSS, or PL/1. Level 1 performs more routine aspects of the position and is supervised by higher levels.	3	Bachelors
Biostatistician 2	A Biostatistician specializes in the application of statistics and/or computer information systems technology to biological studies applying the use of statistical software packages such as SAS, BMDP, SPSS, or PL/1. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.	5	Bachelors
Biostatistician 3	A Biostatistician specializes in the application of statistics and/or computer information systems technology to biological studies applying the use of statistical software packages such as SAS, BMDP, SPSS, or PL/1. Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.	7	Bachelors
Medical Consultant 1	A Medical Consultant 1 has experience and knowledge of one or more healthcare disciplines often including biomedical information technology and conducts research in specialized areas. This individual proposes new solutions to problems in the areas of their expertise, and is able to work and analyze independently or as part of a team. The Medical Consultant 1 may possess a licensure or degree in medicine. Level 1 performs more routine aspects of the position and is supervised by higher levels.	2	Bachelors
Medical Consultant 2	A Medical Consultant 2 has experience and knowledge of one or more healthcare disciplines often including biomedical information technology and conducts research in specialized areas. This individual proposes new solutions to problems in the areas of their expertise, and is able to work and analyze independently or as part of a team. The Medical Consultant 2 may possess a licensure or degree in medicine. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.	5	Bachelors
Medical Consultant 3	A Medical Consultant 2 has experience and knowledge of one or more healthcare disciplines often including biomedical information technology and	10	Bachelors

	conducts research in specialized areas. This individual proposes new solutions to problems in the areas of their expertise, and is able to work and analyze independently or as part of a team. The Medical Consultant 3 may possess a licensure or degree in medicine. Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.		
Construction Engineer	A Construction Engineer has training and experience in facilities architecture design, planning and construction including the installations of information technology infrastructure. Coordinates with architect(s) to identify requirements, plans and regulatory permits for a given facilities and IT infrastructure architecture. This individual is able to identify approaches for addressing requirements, or conduct trade-off analysis of requirements against fiscal, schedule, structural and regulatory issues. The Construction Engineer resolves issues and oversees construction of the IT infrastructure.	5	Bachelors
Health Insurance Manager	A Health Insurance Manager may plan, direct, or coordinate medical and health services including use of information technology systems. This individual may manage an entire facility or specialize in managing a specific clinical area or department, or manage a medical practice for a group of physicians. The Health Insurance manager has knowledge in and adapts to changes in healthcare laws, regulations, and information systems technology.	5	Bachelors
Human Factors Engineer 1	A Human Factors Engineer 1 has experience in conducting evaluations on how IT products impact their users. This individual documents findings and reports to senior group members.	3	Bachelors
Human Factors Engineer 2	A Human Factors Engineer 2 has experience in assessing new products and their compliance to human factors standards and/or its effects on users. The work may involve hardware or software. This individual takes user requirements and defines and designs products and solutions that meet end user needs. The Human Factors Engineer 2 documents strategies and plans, and conducts human factors analysis and document findings.	5	Bachelors
Human Factors Engineer 3	A Human Factors Engineer 3 has a deep understanding of industry trends and findings and applies this knowledge in devising strategies, evaluations, or redesigns to avoid or modify products that have negative impacts. These engineers must be able to visualize how design changes made to products will affect the user, and minimize impacts. The Human Factors Engineer 3 use their problem-solving skills to devise ways to redesign products so that they won't harm or frustrate the user, or use their communication skills to convey human factor issues to the engineering team and to end users.	10	Masters

Informatic Specialist / Bioinformatician	<p>An Informatic Specialist/Bioinformatician provides knowledge in the application of technology to areas of interest to government health organizations including Medical Informatics or Public Health Informatics. The Informatic Specialist/Bioinformatician may</p> <ul style="list-style-type: none"> • Use statistics, bio-statistics, mathematics; specific tools and data resources relevant to the federal health mission • Apply sound quantitative data and methods to support deployment of resources for massive public health surveillance, prevention and intervention campaigns and related health activities • Provide knowledge across a wide variety of IT areas as applied to public health, including information retrieval technology, decision science, web technology, data mining, expert systems, networking, public health science, and education • Provide knowledge in the integration of a variety of heterogeneous public health information systems and databases in order to share and disseminate public health information that may include: interaction of information security technology; requirements for privacy and confidentiality of public health data; the application of the HIPAA regulations to the use of information technology in public health; and new areas of interest to public health 	6	Bachelors
Medical Billing/Account Management Specialist	<p>A Medical Billing/Account Management Specialist provides technical analysis and/or verifies the accuracy of invoices and has training in or experience with the use of information systems for billing and account management. This individual may</p> <ul style="list-style-type: none"> • Input and validate service orders • Analyze vendor invoices, customer inventories of service and equipment, and service orders to assure rates are correct and in compliance with quoted prices and dates of service • Reconcile invoice and inventory records, ensuring accuracy of International Statistical Classification of Diseases and Related Health Problems (ICD) codes, if necessary, and advise the customer of discrepancies that could affect payment of invoices • Operate and update various data bases relative to task order and inventory maintenance 	1	HS Equivalency
Public Health Analyst	<p>The Public Health Analyst oversees or develops data management systems, including computer programs to monitor data quality. The Public Health Analyst may</p> <ul style="list-style-type: none"> • Analyze data for reports, presentations and publications • Assist in the review of study data for data quality • Organize study files, including data and correspondence files using common word processing software 	5	Bachelors

	<ul style="list-style-type: none"> Perform scientific, medical and research literature searches and prepare slides for scientific presentations 		
Hospital Administration Specialist 1	The Hospital Administration Specialist I advises on a variety of hospital administration issues including use of healthcare information systems for delivery of medical services and healthcare analytics. Areas may include: general hospital administration; hospital staff personnel administration (i.e., compensation, employee relations, training, etc.), financial management, facilities and maintenance, health and safety, information systems, audits and certification, operations.	4	Bachelors
Hospital Administration Specialist 2	The Hospital Administration Specialist I advises on a variety of hospital administration issues including use of healthcare information systems for delivery of medical services and healthcare analytics. Areas may include: clinical care administration; clinical program development, hospital staff personnel administration (i.e., compensation, employee relations, training, etc.), budgeting, financial management and funds flow, facilities and maintenance, health and safety, information systems, audits and certification, operations improvement, and utilization reviews.	7	Masters
Clinical Subject Matter Expert 1	The Clinical Subject Matter Expert 1 uses their knowledge and experience to apply clinical concepts in the design of complex systems for the management and processing of data, information or knowledge in clinical care delivery. This individual assists in the management and processing of electronic health records, patient data, information or knowledge to support the practice medicine and the delivery of patient care. The Clinical Subject Matter Expert may participate in complex system design and development, process and workflow design and documentation, project management, or user training.	3	Bachelors
Clinical Subject Matter Expert 2	The Clinical Subject Matter Expert 2 uses their knowledge and experience to apply clinical concepts in the design of complex systems for the management and processing of data, information or knowledge in clinical care delivery. This individual assists in the management and processing of, electronic health records, patient data, information or knowledge to support the practice medicine and the delivery of patient care. The Clinical Subject Matter Expert may participate in complex system design and development, process and workflow design and documentation, project management, or user training.	5	Masters
Clinical Subject Matter Expert 3	The Clinical Subject Matter Expert 3 uses their knowledge and experience to apply clinical concepts in the design of complex systems for the management and processing of data, information or knowledge in clinical care delivery. This individual assists in the management and processing of, electronic health records, patient data, information or	7	Masters

	knowledge to support the practice medicine and the delivery of patient care. The Clinical Subject Matter Expert may participate in complex system design and development, process and workflow design and documentation, project management, or user training.		
Clinical Subject Matter Expert 4	The Clinical Subject Matter Expert 4 uses their knowledge and experience to apply clinical concepts in the design of complex systems for the management and processing of data, information or knowledge in clinical care delivery. This individual assists in the management and processing of, electronic health records, patient data, information or knowledge to support the practice medicine and the delivery of patient care. The Clinical Subject Matter Expert may participate in complex system design and development, process and workflow design and documentation, project management, or user training.	10	PhD or DDS
Clinical Subject Matter Expert 5	The Clinical Subject Matter Expert 5 provides accurate and current advice on a variety of health care and patient treatment issues. This individual advises on the diagnosis and treatment of diseases and the prevention of disease; the prescription of medications; diagnostic testing procedures, medical instruments, medical equipment, or medical decision-making. The Clinical Subject Matter Expert 5 demonstrates experience and ability to apply clinical concepts in the design of complex systems for the management and processing of data, information or knowledge in clinical care delivery. This individual manages the processing of electronic health records, patient data, information; or support the practice of medicine and the delivery of patient care. The Clinical Subject Matter Expert participates in complex system design and development, process and workflow design and documentation, project management, or user training.	15	PhD or MD
Health Senior Program Manager	The Health Senior Program Manager has overall accountability for business solution programs. Senior Program Managers may be responsible for product delivery and/or financial management of client engagements. A Senior Program Manager performs independent quality assurance reviews of program performance and deliverables. They lend thought leadership to engagement teams in developing creative solutions to client business problems. Scope is specific to Health IT programs.	15	Bachelors
Health Program Manager	Health Program Managers plan and manage projects to control overall project scope, budgets and schedules for multi-project engagements. Program Managers maintain contractor interface with the senior levels of the customer's organization, and consult with customer and contractor personnel to formulate and review task plans and deliverables, and provide conformance with program and project	12	Bachelors

	task schedules and costs and contractual obligations. Scope is specific to Health IT programs.		
Health Project Manager	The Health Project Manager manages, plans and coordinates activities of projects. This individual reviews project proposals or plans to determine schedule, funding limitations, procedures for accomplishing projects, staffing requirements and allotment of available resources to various phases of projects. The Project Manager establishes work plans and coordinates staffing for each phase of project and arranges for recruitment or assignment of project personnel. The Project Manager identifies functional or cross-functional requirements and resources required for each task. Scope is specific to Health IT programs.	10	Bachelors
Health Task Manager	Health Task Managers apply their broad management skills and specialized functional and technical expertise to guide project teams in delivering client solutions or to manage the day-to-day operations. The Task Manager monitors quality across multiple projects. This individual establishes and maintains technical and financial reports to show progress of projects to management and customers, organizes and assigns responsibilities to subordinates, and oversees the assigned tasks. Scope is specific to Health IT programs.	7	Bachelors
Health SME 1	The Health Subject Matter Expert 1 has industry experience in the relevant subject matter. This individual will use information technology expertise and/or industry focus expertise in fulfilling the interpreted customer specification. The Subject Matter Expert 1 is highly experienced in the industry with regard to information technology. The Subject Matter Expert 1 provides thought leadership related to current and future customer plans with regard to the stated information technology. Scope is specific to Health IT programs.	10	Bachelors
Health SME 2	The Health Subject Matter Expert 2 has industry experience in the relevant subject matter. This individual will use information technology expertise and/or industry focus expertise in fulfilling the interpreted customer specification. The Subject Matter Expert 2 is highly experienced in the industry with regard to information technology. The Subject Matter Expert 2 provides thought leadership related to current and future customer plans with regard to the stated information technology. Scope is specific to Health IT programs.	12	Bachelors
Health SME 3	The Health Subject Matter Expert 3 has industry experience in the relevant subject matter. This individual will use information technology expertise and/or industry focus expertise in fulfilling the interpreted customer specification. The Subject Matter Expert 3 is highly experienced in the industry with regard to the stated information technology. The	15	Bachelors

	Subject Matter Expert 3 provides thought leadership related to current and future customer plans with regard to the stated information technology. Scope is specific to Health IT programs.		
Health Technical Architect 1	The Health Technical Architect 1 provides thought leadership related to current and future customer plans with regard to the stated information technology. The Technical Architect 1 possesses knowledge of the future direction and trends associated with information technology. The Technical Architect 1s have experience in designing or implementing information architecture solutions for information technology. The Technical Architect 1 designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Scope is specific to Health IT programs.	7	Bachelors
Health Technical Architect 2	The Health Technical Architect 2 provides thought leadership related to current and future customer plans with regard to the stated information technology. The Technical Architect 2 possesses knowledge of the future direction and trends associated with information technology. The Technical Architect 2s have experience in designing and implementing information architecture solutions for \ information technology. The Technical Architect 2 designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Scope is specific to Health IT programs.	10	Bachelors
Health System Administrator 1	Health System Administrator 1 may develop, run tests on, implement, or maintain operating system and related software. The System Administrator 1s establish and implement standards for computer operations for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and/or resolves software, operating system, and networking problems. The System Administrator 1 schedules, performs, or monitors system backups or, when necessary, performs data recoveries. The Level 1 performs more routine aspects of the position and is supervised by higher levels. Scope is specific to Health IT programs.	0	Bachelors in Process
Health System Administrator 2	Health System Administrator 2 may develop, run tests on, implement, or maintain operating system and related software. The System Administrator 2s establish and implement standards for computer operations for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and/or resolves software, operating system, and networking problems. The System Administrator 2 schedules,	3	Bachelors

	performs, or monitors system backups and, when necessary, performs data recoveries. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3. Scope is specific to Health IT programs.		
Health System Administrator 3	Health System Administrator 3s may develop, run tests on, implement, or maintain operating system and related software. The System Administrator 3s establish and implement standards for computer operations for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and/or resolves software, operating system, and networking problems. The System Administrator 3 schedules, performs, and/or monitors system backups and/or, when necessary, performs data recoveries. Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work. Scope is specific to Health IT programs.	7	Bachelors
Health Database Administrator 1	Health Database Administrator 1 administers organization's databases, using database management system to organize and store data. The Database Administrator 1 ascertains user requirements, creates computer databases, and tests and coordinates changes. This individual interacts with development and end-user personnel to determine application data access requirements, transaction rates, volume analysis, and other pertinent data required to develop and maintain integrated databases. Level 1 performs more routine aspects of the position and is supervised by higher levels. Scope is specific to Health IT programs.	0	Bachelors in Process
Health Database Administrator 2	Health Database Administrator 2 administers organization's databases, using database management system to organize and store data. The Database Administrator 2 ascertains user requirements, creates computer databases, and tests and coordinates changes. This individual interacts with development and end-user personnel to determine application data access requirements, transaction rates, volume analysis, and other pertinent data required to develop and maintain integrated databases. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3. Scope is specific to Health IT programs.	3	Bachelors
Health Database Administrator 3	Health Database Administrator 3 administers organization's databases, using database management system to organize and store data. The Database Administrator 3 ascertains user requirements, creates computer databases, and tests and coordinates changes. This individual interacts with development and end-user personnel to determine application data access requirements, transaction rates, volume analysis, and other	7	Bachelors

	<p>pertinent data required to develop and maintain integrated databases. Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work. Scope is specific to Health IT programs.</p>		
Health Functional Specialist 1	<p>Health The Functional Specialist 1s provide knowledge in industry, process or technology areas. The Functional Specialist 1 responsibilities may include</p> <ul style="list-style-type: none"> • Plan and manage the work of information systems project teams • Design and implement new organization structures, conceptual design and development of training curricula • Assist an organization to translate its vision and strategy into core human resource and business process • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets <p>Level 1 performs more routine aspects of the position and is supervised by higher levels. Scope is specific to Health IT programs.</p>	3	Bachelors
Health Functional Specialist 2	<p>The Health Functional Specialist 2s provide knowledge in industry, process or technology areas. The Functional Specialist 1 responsibilities may include</p> <ul style="list-style-type: none"> • Plan and manage the work of information systems project teams • Design and implement new organization structures, conceptual design and development of training curricula • Assist an organization to translate its vision and strategy into core human resource and business process • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3. Scope is specific to Health IT programs.</p>	5	Bachelors
Health Functional Specialist 3	<p>The Health Functional Specialist 3s provide knowledge in industry, process or technology areas. The Functional Specialist 1 responsibilities may include</p> <ul style="list-style-type: none"> • Plan and manage the work of information systems project teams • Design and implement new organization structures, conceptual design and development of training curricula 	8	Bachelors

	<ul style="list-style-type: none"> • Assist an organization to translate its vision and strategy into core human resource and business process • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work. Scope is specific to Health IT programs.</p>		
Health Consultant 1	<p>Health Consultant 1s apply their skills in such areas as systems development, knowledge of business processes, technical background or supervisory capacity to implement business solutions. For example, Consultants may perform tasks such as</p> <ul style="list-style-type: none"> • Develop functional and technical information system designs • Supervise business integration analysts in the development of software designs, computer programming, system testing or training curricula • Lead business process redesign teams in the development of new business process architectures • Design training programs for information systems users • Participate in quality reviews to ensure work complies with specified standards • Develop team work plans • Perform workflow analyses • Design and manage databases • Define information systems requirements • Assist in project budget preparation <p>Level 1 performs more routine aspects of the position and is supervised by higher levels. Scope is specific to Health IT programs.</p>	3	Bachelors
Health Consultant 2	<p>Health Consultant 2s apply their skills in such areas as systems development, knowledge of business processes, technical background or supervisory capacity to implement business solutions. For example, Consultants may perform tasks such as</p> <ul style="list-style-type: none"> • Develop functional and technical information system designs • Supervise business integration analysts in the development of software designs, computer programming, system testing or training curricula • Lead business process redesign teams in the development of new business process architectures • Design training programs for information systems users • Participate in quality reviews to ensure work complies with specified standards • Develop team work plans 	5	Bachelors

	<ul style="list-style-type: none"> • Perform workflow analyses • Design and manage databases • Define information systems requirements • Assist in project budget preparation <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3. Scope is specific to Health IT programs.</p>		
Health Consultant 3	<p>Health Consultant 3s apply their skills in such areas as systems development, knowledge of business processes, technical background or supervisory capacity to implement business solutions. For example, Consultants may perform tasks such as</p> <ul style="list-style-type: none"> • Develop functional and technical information system designs • Supervise business integration analysts in the development of software designs, computer programming, system testing or training curricula • Lead business process redesign teams in the development of new business process architectures • Design training programs for information systems users • Participate in quality reviews to ensure work complies with specified standards • Develop team work plans • Perform workflow analyses • Design and manage databases • Define information systems requirements • Assist in project budget preparation <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work. Scope is specific to Health IT programs.</p>	8	Bachelors
Health Engineer 1	<p>The Health Engineer 1 provides knowledge in design, architecture, development and administration. The Engineer may</p> <ul style="list-style-type: none"> • Monitor existing systems for structural integrity • Oversee the development and installation of new hardware and software • Install and configure operating systems and other software and routinely test installed software for glitch detection and other issues • Provide technical direction to IT support staff • Design and implement security systems and redundant backups to maintain data safety • Write custom scripts to reduce the need for human intervention, Create scaleable, automated solutions for our customer base • Establish multi-platform versions of the software package • Write tests for existing and created code to ensure compatibility and stability 	0	Bachelors in Process

	<ul style="list-style-type: none"> • Evaluate, recommend, and implement automated test tools and strategies • Design, implement, and conduct test and evaluation procedures to ensure system requirements are met • Evaluate hardware and software and resolve LAN/MAN/WAN network related problems <p>Level 1 performs more routine aspects of the position and is supervised by higher levels. Scope is specific to Health IT programs.</p>		
Health Engineer 2	<p>The Health Engineer 2 provides knowledge in design, architecture, development and administration. The Engineer may</p> <ul style="list-style-type: none"> • Monitor existing systems for structural integrity • Oversee the development and installation of new hardware and software • Install and configure operating systems and other software and routinely test installed software for glitch detection and other issues • Provide technical direction to IT support staff • Design and implement security systems and redundant backups to maintain data safety • Write custom scripts to reduce the need for human intervention, Create scaleable, automated solutions for our customer base • Establish multi-platform versions of the software package • Write tests for existing and created code to ensure compatibility and stability • Evaluate, recommend, and implement automated test tools and strategies • Design, implement, and conduct test and evaluation procedures to ensure system requirements are met • Evaluate hardware and software and resolve LAN/MAN/WAN network related problems <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3. Scope is specific to Health IT programs.</p>	2	Bachelors
Health Engineer 3	<p>The Health Engineer 3 provides knowledge in design, architecture, development and administration. The Engineer may</p> <ul style="list-style-type: none"> • Monitor existing systems for structural integrity • Oversee the development and installation of new hardware and software • Install and configure operating systems and other software and routinely test installed software for glitch detection and other issues • Provide technical direction to IT support staff • Design and implement security systems and redundant backups to maintain data safety 	3	Bachelors

	<ul style="list-style-type: none"> • Write custom scripts to reduce the need for human intervention, Create scaleable, automated solutions for our customer base • Establish multi-platform versions of the software package • Write tests for existing and created code to ensure compatibility and stability • Evaluate, recommend, and implement automated test tools and strategies • Design, implement, and conduct test and evaluation procedures to ensure system requirements are met • Evaluate hardware and software and resolve LAN/MAN/WAN network related problems <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work. Scope is specific to Health IT programs.</p>		
Health Technical Writer	The Health Technical Writer writes and updates material such as reports, manuals, briefs, proposals, instruction books, catalogs, and related technical and administrative publications concerned with work methods and procedures, and installation, operation, and maintenance. Scope is specific to Health IT programs.	2	Bachelors
Health Help Desk Manager	<p>The Health Help Desk Manager supervises and coordinates activities of Help Desk Specialists, Coordinators or Technicians. This individual identifies, troubleshoots, or resolves information systems problems to minimize down time of applications and personnel. The Help Desk Manager may</p> <ul style="list-style-type: none"> • Assist computer users with hardware and software questions and problems • Field telephone calls and e-mail messages from customers seeking guidance on technical problems • Diagnose nature of problems, and assisting customers through problem solving steps. <p>Scope is specific to Health IT programs.</p>	2	Associates
Health Help Desk Specialist	The Health Help Desk Specialist analyzes problems and provides technical assistance, support, and advice to end users for hardware, software, and systems through phone, email, or chat. This individual resolves computer software and hardware problems of users, and acts as a contact for users having problems using computer software, hardware, and operating systems. The Help Desk Specialist answers questions, applying knowledge of computer software, hardware, systems, and procedures. Scope is specific to Health IT programs.	1	Associates
Health Help Desk Coordinator	The Health Help Desk Coordinator assesses and troubleshoots computer support problems and applies understanding of computer software and	0	HS Equivalency

	<p>hardware products and services to resolve problems of users. This individual receives telephone calls or e-mails from users having problems using computer software and hardware or inquiring how to use specific software, programming languages, electronic mail, or operating systems. The Help Desk Coordinator ascertains from the computer user the nature of problem, determines whether problem is caused by hardware, such as modem, printer, cables, or telephone, formulates diagnosis, and assists users through problem solving steps. Scope is specific to Health IT programs.</p>		
Health Programmer 1	<p>The Health Programmer 1 is responsible for activities such as program design, coding, testing, debugging or documentation. This individual has technical knowledge and responsibility of all phases of applications systems analysis and programming, and understands the business or function for which application is designed. The Programmer may</p> <ul style="list-style-type: none"> • Write programs according to specifications, which may be provided by Engineers, technical architects, or other computer scientists • Update, repair, modify and expand existing computer programs <p>Level 1 performs more routine aspects of the position and is supervised by higher levels. Scope is specific to Health IT programs.</p>	0	Bachelors in Process
Health Programmer 2	<p>The Health Programmer 2 is responsible for activities such as program design, coding, testing, debugging or documentation. This individual has technical knowledge and responsibility of all phases of applications systems analysis and programming. Understands the business or function for which application is designed. The Programmer may</p> <ul style="list-style-type: none"> • Write programs according to specifications, which may be provided by Engineers, technical architects, or other computer scientists • Update, repair, modify and expand existing computer programs <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3. Scope is specific to Health IT programs.</p>	2	Bachelors
Health Programmer 3	<p>The Health Programmer 3 is responsible for activities such as program design, coding, testing, debugging or documentation. This individual has technical knowledge and responsibility of all phases of applications systems analysis and programming. Understands the business or function for which application is designed. The Programmer may</p> <ul style="list-style-type: none"> • Write programs according to specifications, which may be provided by Engineers, technical architects, or other computer scientists 	5	Bachelors

	<ul style="list-style-type: none"> Update, repair, modify and expand existing computer programs <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work. Scope is specific to Health IT programs.</p>		
Health Operations Manager	<p>The Health Operation Manager manages, coordinates, or organizes department operation strategies and activities particularly in the area of use of information systems and healthcare analytics to support delivery of services.</p> <p>The Operation Manager may</p> <ul style="list-style-type: none"> Collaborate in the development and implementation of organization policies, practices, procedures, and attainment of operating goals Review, analyze, and prepare reports, records, and directives, and confers with managers/supervisors to obtain data required for planning activities, such as new commitments, status of work in progress, and problems encountered Disseminate policies and objectives to supervisors/staff. The scope of this work focuses on operational delivery of Health information systems and program applications. 	3	Bachelors
Health Admin Specialist	<p>The Health Administrative Specialist uses information systems and IT program applications to</p> <ul style="list-style-type: none"> Manage workflow by assigning tasks to other administrative employees daily, ensuring that deadlines are met and work is completed correctly Assist in training staff members and new hires Implement and monitor programs as directed by management, and sees the programs through to completion Plan and produce correspondence, reports, proposals, memos, and other documentation using a personal computer. <p>The scope of this work focuses on operational delivery of Health information systems and program applications.</p>	0	HS Equivalency
Health Agile Coach	<p>The Health Agile Coach may assist or lead teams to apply Agile thinking to the specific environment and impediments they face including use of advanced information technology systems and applications. The Coach works as an advisor and helps the team adapt the methodology to their environment, and challenge the existing environment. Scope is focused and specific to Health IT programs and environment.</p>	8	Bachelors
Health Scrum Master	<p>The Health Scrum Master may facilitate or guide a software development product owner, team, and organization on how to use Agile/Scrum concepts, values, practices, and principles focusing on</p>	6	Bachelors

	improving team effectiveness. The Scrum Master leads discussions and decision making, and assists in mediation of conflict resolution. Scope is specific to Health IT programs.		
Health Financial Analyst	<p>The Health Financial Analyst analyzes past and present financial data of organization and estimates future revenues and expenditures, applying principles of finance through the use of health information systems and data/analytics. The Financial Analyst may</p> <ul style="list-style-type: none"> • Run and document financial analysis projects • Aid organization with financial functions, such as assessing, auditing, planning, budgeting, taxes, consolidation, cost control, and project control • Assist with use, reporting and conversions to more advanced information systems • Evaluate and analyze capital expenditures, depreciation, proposals, investment opportunities, rate of return, profit plans, operating records, financial statements, etc. <p>Scope is specific to Health IT programs.</p>	3	Bachelors
Health Data Architect	The Health Data Architect may define, design, or develop relational and/or multi-dimensional databases for warehousing of data. The Data Architect reviews current data structures and recommends optimizations and reconfigurations as warranted. Scope is specific to Health IT programs.	7	Bachelors
Health Program Analyst	<p>The Health Program Analyst analyzes and critiques computer programs and systems, or develops new programs. The Program Analyst may</p> <ul style="list-style-type: none"> • Review user's requests for new or modified computer programs to determine feasibility, cost and time required, compatibility with current system, and computer capabilities • Outline steps required to develop programs, using structured analysis and design <p>Plan, develop, test, and document computer programs, applying knowledge of programming techniques and computer systems Scope is specific to Health IT programs.</p>	2	Bachelors
Health Application Architect 1	The Health Application Architect 1 may plan, design, develop, redesign or enhance, install, or implement various technology products, or enhance computer programs. This individual applies knowledge of software and programming to develop and test computer systems and produce the necessary outcome for clients. The Application Architect may draft technical white papers to better understand the technology behind them, and to provide instructions that help the client better understand the nature and applications of a specific product. Level 1 performs more routine aspects of the position and is	3	Bachelors

	supervised by higher levels. Scope is specific to Health IT programs.		
Health Application Architect 2	The Health Application Architect 2 may plan, design, develop, redesign or enhance, install, or implement various technology products, or enhance computer programs. This individual applies knowledge of software and programming to develop and test computer systems and produce the necessary outcome for clients. The Application Architect may draft technical white papers to better understand the technology behind them, and to provide instructions that help the client better understand the nature and applications of a specific product. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3. Scope is specific to Health IT programs.	5	Bachelors
Health Application Architect 3	The Health Application Architect 3 may plan, design, develop, redesign or enhance, install, or implement various technology products, or enhance computer programs. This individual applies knowledge of software and programming to develop and test computer systems and produce the necessary outcome for clients. The Application Architect may draft technical white papers to better understand the technology behind them, and to provide instructions that help the client better understand the nature and applications of a specific product. Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work. Scope is specific to Health IT programs.	7	Bachelors
Health Customer Service and Support Technician 1	The Health Customer Service and Support Technician 1 may perform some of the following tasks using information systems programs and technologies: <ul style="list-style-type: none"> • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction • Updates job knowledge by participating in educational opportunities and knowledge management • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems 	0	Associates

	<ul style="list-style-type: none"> • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction • Updates job knowledge by participating in educational opportunities and knowledge management • Develops appropriate reporting requirements by supervisor or manager • Handles Subject Matter Expert inquiries and assist other team members • Assists in the training of new-hires and assist in quality assurance activities <p>Level 1 performs more routine aspects of the position and is supervised by higher levels. Scope is specific to Health IT programs.</p>		
Health Customer Service and Support Technician 2	<p>The Health Customer Service and Support Technician 2 may perform some of the following tasks using information systems applications and technologies:</p> <ul style="list-style-type: none"> • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction • Updates job knowledge by participating in educational opportunities and knowledge management • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction • Updates job knowledge by participating in educational opportunities and knowledge management • Develops appropriate reporting requirements by supervisor or manager • Handles Subject Matter Expert inquiries and assist other team members • Assists in the training of new-hires and assist in quality assurance activities 	1	Associates

	<p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3. Scope is specific to Health IT programs.</p>		
<p>Health Customer Service and Support Technician 3</p>	<p>The Health Customer Service and Support Technician 3 may perform some of the following tasks using information systems applications and technologies:</p> <ul style="list-style-type: none"> • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction • Updates job knowledge by participating in educational opportunities and knowledge management • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction • Updates job knowledge by participating in educational opportunities and knowledge management • Develops appropriate reporting requirements by supervisor or manager • Handles Subject Matter Expert inquiries and assist other team members • Assists in the training of new-hires and assist in quality assurance activities <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work. Scope is specific to Health IT programs.</p>	2	Associates
<p>Health Customer Service and Support Supervisor 1</p>	<p>The Health Customer Service and Support Supervisor 1 may perform the following tasks</p> <ul style="list-style-type: none"> • Maintains call center database by entering and verifying information; updating contact log • Improves quality results by recommending changes and coaching representatives • Updates job knowledge by participating in educational opportunities and knowledge management 	0	Associates

	<ul style="list-style-type: none"> • Manages representatives and ensures appropriate training • Enhances organization reputation by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 1 performs more routine aspects of the position and is supervised by higher levels. Scope is specific to Health IT programs.</p>		
Health Customer Service and Support Supervisor 2	<p>The Health Customer Service and Support Supervisor 2 may perform the following tasks</p> <ul style="list-style-type: none"> • Maintains call center database by entering and verifying information; updating contact log • Improves quality results by recommending changes and coaching representatives • Updates job knowledge by participating in educational opportunities and knowledge management • Manages representatives and ensures appropriate training • Enhances organization reputation by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3. Scope is specific to Health IT programs.</p>	1	Associates
Health Customer Service and Support Supervisor 3	<p>The Health Customer Service and Support Supervisor 3 may perform the following tasks</p> <ul style="list-style-type: none"> • Maintains call center database by entering and verifying information; updating contact log • Improves quality results by recommending changes and coaching representatives • Updates job knowledge by participating in educational opportunities and knowledge management • Manages representatives and ensures appropriate training • Enhances organization reputation by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work. Scope is specific to Health IT programs.</p>	2	Associates
Health Customer Service and Support Manager 1	<p>The Health Customer Service and Support Manager 1 may perform the following tasks</p> <ul style="list-style-type: none"> • Determines call center operational strategies by conducting needs assessments, performance reviews, capacity planning, and cost/benefit 	2	Associates

	<p>analyses; identifying and evaluating state-of-the-art technologies; defining user requirements; establishing technical specifications, and production, productivity, quality, and customer-service standards; contributing information and analysis to organizational strategic plans and reviews</p> <ul style="list-style-type: none"> • Maintains and improves call center operations by monitoring system performance; identifying and resolving problems; preparing and completing action plans; completing audits and analyses; managing process improvement and quality assurance programs • Accomplishes call center human resource objectives by recruiting, selecting, orienting, training, assigning, coaching, counseling, and disciplining employees; administering scheduling systems; communicating job expectations; planning, monitoring, appraising, and reviewing job contributions; planning and reviewing compensation actions; enforcing policies and procedures • Prepares call center performance reports by collecting, analyzing, and summarizing data and trends • Accomplishes organization goals by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 1 performs more routine aspects of the position and is supervised by higher levels. Scope is specific to Health IT programs.</p>		
<p>Health Customer Service and Support Manager 2</p>	<p>The Health Customer Service and Support Manager 2 may perform the following tasks</p> <ul style="list-style-type: none"> • Determines call center operational strategies by conducting needs assessments, performance reviews, capacity planning, and cost/benefit analyses; identifying and evaluating state-of-the-art technologies; defining user requirements; establishing technical specifications, and production, productivity, quality, and customer-service standards; contributing information and analysis to organizational strategic plans and reviews • Maintains and improves call center operations by monitoring system performance; identifying and resolving problems; preparing and completing action plans; completing audits and analyses; managing process improvement and quality assurance programs • Accomplishes call center human resource objectives by recruiting, selecting, orienting, training, assigning, coaching, counseling, and disciplining employees; administering scheduling 	<p>3</p>	<p>Associates</p>

	<p>systems; communicating job expectations; planning, monitoring, appraising, and reviewing job contributions; planning and reviewing compensation actions; enforcing policies and procedures</p> <ul style="list-style-type: none"> • Prepares call center performance reports by collecting, analyzing, and summarizing data and trends • Accomplishes organization goals by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3. Scope is specific to Health IT programs.</p>		
Health Customer Service and Support Manager 3	<p>The Health Customer Service and Support Manager 3 may perform the following tasks</p> <ul style="list-style-type: none"> • Determines call center operational strategies by conducting needs assessments, performance reviews, capacity planning, and cost/benefit analyses; identifying and evaluating state-of-the-art technologies; defining user requirements; establishing technical specifications, and production, productivity, quality, and customer-service standards; contributing information and analysis to organizational strategic plans and reviews • Maintains and improves call center operations by monitoring system performance; identifying and resolving problems; preparing and completing action plans; completing audits and analyses; managing process improvement and quality assurance programs • Accomplishes call center human resource objectives by recruiting, selecting, orienting, training, assigning, coaching, counseling, and disciplining employees; administering scheduling systems; communicating job expectations; planning, monitoring, appraising, and reviewing job contributions; planning and reviewing compensation actions; enforcing policies and procedures • Prepares call center performance reports by collecting, analyzing, and summarizing data and trends • Accomplishes organization goals by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work. Scope is specific to Health IT programs.</p>	4	Associates
Health Application	<p>The Health Application Systems Analyst may oversee the implementation of required hardware and</p>	4	Bachelors

Systems Analyst	<p>software components for approved applications, coordinate tests of the application system to provide proper performance, or develop diagrams and flow charts for computer programmers to follow. The Application Systems Analyst reviews, analyzes, and modifies programming systems, including encoding, debugging, and installing to support an organization's application systems. The Application Systems Analyst develops application specifications, identifies the required inputs, and formats the output to meet users' needs. Scope is specific to Health IT programs.</p>		
Health Security Specialist 1	<p>The Health Security Specialist 1 may identify or resolve highly complex issues to prevent cyberattacks on information systems or keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, or theft of sensitive customer data, allowing business to continue as normal. The Security Specialist designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Level 1 performs more routine aspects of the position and is supervised by higher levels. Scope is specific to Health IT programs.</p>	<p>0</p>	<p>Bachelors</p>
Health Security Specialist 2	<p>The Health Security Specialist 2 may identify or resolve highly complex issues to prevent cyberattacks on information systems or keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, or theft of sensitive customer data, allowing business to continue as normal. The Security Specialist designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3. Scope is specific to Health IT programs.</p>	<p>3</p>	<p>Bachelors</p>
Health Security Specialist 3	<p>The Health Security Specialist 3 may identify or resolve highly complex issues to prevent cyberattacks on information systems or keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, or theft of sensitive customer data, allowing business to continue as normal. The Security Specialist designs, installs, and manages security mechanisms that</p>	<p>7</p>	<p>Bachelors</p>

	<p>protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work. Scope is specific to Health IT programs.</p>		
Health Business Analyst 1	<p>The Health Business Analyst 1 may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into technical requirements. The Business Analyst uses available computer systems resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution.</p> <p>In addition, the Business Analyst may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan for each project and hold regular stakeholder meetings to keep all interested parties updated in project progress • Determine and document user requirements for business processes and abide by those requirements for future projects • Reviews and analyzes information, forecasts, methods, schedules, systems, processes and procedures • Provides expertise in, but not limited to, Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis <p>Level 1 performs more routine aspects of the position and is supervised by higher levels. Scope is specific to Health IT programs.</p>	0	Bachelors
Health Business Analyst 2	<p>The Health Business Analyst 2 may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into technical requirements. The Business Analyst uses available computer systems resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution.</p> <p>In addition, the Business Analyst may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan for each project and hold regular stakeholder meetings to keep all interested parties updated in project progress 	3	Bachelors

	<ul style="list-style-type: none"> • Determine and document user requirements for business processes and abide by those requirements for future projects • Reviews and analyzes information, forecasts, methods, schedules, systems, processes and procedures • Provides expertise in, but not limited to, Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3. Scope is specific to Health IT programs.</p>		
Health Business Analyst 3	<p>The Health Business Analyst 3 may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into technical requirements. The Business Analyst uses available computer systems resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution.</p> <p>In addition, the Business Analyst may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan for each project and hold regular stakeholder meetings to keep all interested parties updated in project progress. • Determine and document user requirements for business processes and abide by those requirements for future projects. • Reviews and analyzes information, forecasts, methods, schedules, systems, processes and procedures. • Provides expertise in, but not limited to, Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis. <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work. Scope is specific to Health IT programs.</p>	7	Bachelors
Health Quality Assurance Specialist	<p>The Health Quality Assurance Specialist may improve reliability of new product development processes, maintain company quality standards, or review products, processes and systems on an ongoing basis to determine where improvements can be made. The Quality Assurance Specialist may</p> <ul style="list-style-type: none"> • Develop and implement quality control methodologies to ensure compliance with quality assurance standards, guidelines, and procedures • Develop and define major and minor characteristics of quality including quality metrics and scoring 	3	Bachelors

	<p>parameters and determines requisite quality control resources for an actual task order</p> <ul style="list-style-type: none"> • Establish and maintain a process for evaluating hardware, software, and associated documentation and/or assist in the evaluation • Conduct and/or participate in formal and informal reviews at pre-determined points throughout the development life cycle. <p>Scope is specific to Health IT programs.</p>		
Health Network Administrator	<p>The Health Network Administrators administers design, organization, or implementation of network, and heads technical support staff who manage and maintain hubs, servers, and routers. This individual uses knowledge and understanding of both networking and telecommunications theory and practice. The Network Administrator communicates with users, technical teams, and vendors on new technology and system upgrades and to determine software and hardware installation requirements.</p> <p>Scope is specific to Health IT programs.</p>	3	Bachelors
Health Enterprise Architect	<p>The Health Enterprise architects work with stakeholders, both leadership and subject matter experts, to build a holistic view of the organization's strategy, processes, information, and information technology assets to keep the business and IT in alignment. The Enterprise Architect links the business mission, strategy, and processes of an organization to its IT strategy, and documents this using multiple architectural models or views that show how the current and future needs of an organization will be met in an efficient, sustainable, agile, and adaptable manner. Scope is specific to Health IT programs.</p>	8	Bachelors
Health ITIL Service Manager 1	<p>The Health ITIL Service Manager 1 defines and maintains organizational structure, roles and responsibilities or staffing for the Service Management Team. The ITIL Service manager may perform the following</p> <ul style="list-style-type: none"> • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Responsible for supporting in audit activities and take steps to ensure all gaps are addressed in a timely manner • D58 Ensuring that all KPI targets are being achieved • Provide periodic status reports/communications to stakeholders on Major incidents, other priority incidents and issues • Weekly communication to management on issues, risks, accomplishments, SLA breaches, and KPIs 	2	Bachelors

	<ul style="list-style-type: none"> • Communicate status updates to executive leadership • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Ensure compliance to the Service Delivery Operating Model and Service Delivery processes, leverage tool • Plan for and manage demand fulfillment based on priority • Measure and monitor demand to make sure demand is met on a timely basis and within budget, and expectations are met or exceeded • Identify resource requirements defined by skills and experience using resources effectively • Define team member roles and expectations, and gain timely feedback • Manage day-to-day relationships with teaming partners and suppliers • Identify and implement best practices, continuous improvements <p>Level 1 performs more routine aspects of the position and is supervised by higher levels. Scope is specific to Health IT programs.</p>		
Health ITIL Service Manager 2	<p>The Health ITIL Service Manager 2 defines and maintains organizational structure, roles and responsibilities or staffing for the Service Management Team. The ITIL Service Manager may perform the following</p> <ul style="list-style-type: none"> • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Responsible for supporting in audit activities and take steps to ensure all gaps are addressed in a timely manner • Ensuring that all KPI targets are being achieved • Provide periodic status reports/communications to stakeholders on Major incidents, other priority incidents and issues • Weekly communication to management on issues, risks, accomplishments, SLA breaches, and KPIs • Communicate status updates to executive leadership • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Ensure compliance to the Service Delivery Operating Model and Service Delivery processes, leverage tool 	4	Bachelors

	<ul style="list-style-type: none"> • Plan for and manage demand fulfillment based on priority • Measure and monitor demand to make sure demand is met on a timely basis and within budget, and expectations are met or exceeded • Identify resource requirements defined by skills and experience using resources effectively • Define team member roles and expectations, and gain timely feedback • Manage day-to-day relationships with teaming partners and suppliers • Identify and implement best practices, continuous improvements <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3. Scope is specific to Health IT programs.</p>		
Health ITIL Service Manager 3	<p>The Health ITIL Service Manager 3 defines and maintains organizational structure, roles and responsibilities or staffing for the Service Management Team. The ITIL Service Manager may perform the following</p> <ul style="list-style-type: none"> • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Responsible for supporting in audit activities and take steps to ensure all gaps are addressed in a timely manner • Ensuring that all KPI targets are being achieved • Provide periodic status reports/communications to stakeholders on Major incidents, other priority incidents and issues • Weekly communication to management on issues, risks, accomplishments, SLA breaches, and KPIs • Communicate status updates to executive leadership • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Ensure compliance to the Service Delivery Operating Model and Service Delivery processes, leverage tool • Plan for and manage demand fulfillment based on priority • Measure and monitor demand to make sure demand is met on a timely basis and within budget, and expectations are met or exceeded • Identify resource requirements defined by skills and experience using resources effectively • Define team member roles and expectations, and gain timely feedback 	6	Bachelors

	<ul style="list-style-type: none"> • Manage day-to-day relationships with teaming partners and suppliers • Identify and implement best practices, continuous improvements <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work. Scope is specific to Health IT programs.</p>		
Health Training Specialist	<p>The Health Training Specialist develops teaching outlines and determines instructional methods, using knowledge of specified training needs and effectiveness of such methods as individual training, group instruction, lectures, demonstrations, conferences, meetings, workshops or computer assisted training. This individual prepares, organizes and heads training sessions covering standard training, specialized training or counseling in designated areas including use of advanced information systems applications and technologies. Scope is specific to Health IT programs.</p>	2	Bachelors
Health Storage Administrator	<p>The Health Storage Administrator administers and safeguards efficient and reliable centralized electronic storage area networks (SAN), such as Network Attached Storage, Content Addressable Storage, DAS environments, or other technologies classified as storage technology. This individual may oversee, evaluate, implement, monitor, troubleshoot, or maintain SAN and related technologies, system upgrades, or optimization storage strategies. The Storage Administrator monitors the data storage needs of the company so that business can run efficiently. Scope is specific to Health IT programs.</p>	3	Bachelors
Health Analyst 1	<p>The Health Analyst 1 applies their analytical and technical skills to assist in implementing business solutions. An Analyst 1 is directed to exercise core skills on projects, or may direct small teams. They are qualified to perform tasks such as</p> <ul style="list-style-type: none"> • Document an organization's current business process flows • Design, code and test functional components of information systems according to project specifications • Identify and document functional requirements for information systems • Develop project documentation and user training materials according to program specifications • Conduct user training sessions • Prepare communications plans • Produce database extracts • Provide technical support to software development teams • Perform program management support tasks, such as status reporting and work plan maintenance. 	0	Bachelors

	<p>Level 1 performs more routine aspects of the position and is supervised by higher levels. Scope is specific to Health IT programs.</p>		
Health Analyst 2	<p>The Health Analyst 2 applies their analytical and technical skills to assist in implementing business solutions. An Analyst 2 is directed to exercise core skills on projects, or may direct small teams. They are qualified to perform tasks such as</p> <ul style="list-style-type: none"> • Document an organization’s current business process flows • Design, code and test functional components of information systems according to project specifications • Identify and document functional requirements for information systems • Develop project documentation and user training materials according to program specifications • Conduct user training sessions • Prepare communications plans • Produce database extracts • Provide technical support to software development teams • Perform program management support tasks, such as status reporting and work plan maintenance <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3. Scope is specific to Health IT programs.</p>	2	Bachelors
Health Analyst 3	<p>The Health Analyst 3 applies their analytical and technical skills to assist in implementing business solutions. An Analyst 3 is directed to exercise core skills on projects, or may direct small teams. They are qualified to perform tasks such as</p> <ul style="list-style-type: none"> • Document an organization’s current business process flows • Design, code and test functional components of information systems according to project specifications • Identify and document functional requirements for information systems • Develop project documentation and user training materials according to program specifications • Conduct user training sessions • Prepare communications plans • Produce database extracts • Provide technical support to software development teams • Perform program management support tasks, such as status reporting and work plan maintenance 	4	Bachelors

	Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work. Scope is specific to Health IT programs.		
Health Web Designer	<p>The Health Web Designer may design, plan, or execute the design and layout for Internet sites and web pages, which may include combining text with sounds, pictures, graphics, and video-clips. The Web Designer may</p> <ul style="list-style-type: none"> • Question or communicate with clients to assess their needs, discuss requirements, and clarify their goals for establishing a website • Meet with clients on a regular basis to evaluate and modify site as it seems appropriate and keeps them informed of project progress • Design custom-tailored plan for a proposed site using combination of graphic and written material, and modifies proposal as necessary until the client is satisfied • Design, maintain, and update information and digitized images, banners, bullets, charts, image maps, and other graphics to enhance appearance of site and keep the content and graphics current • Maintain site appearance by developing and enforcing content and display standards <p>Scope is specific to Health IT programs.</p>	2	Bachelors

Education Substitutions for SIN 54151HEAL Labor Categories:

Degree	Experience Equivalent
Bachelors	<ul style="list-style-type: none"> • Associate's degree plus two years experience
Masters	<ul style="list-style-type: none"> • Bachelor's degree plus two years of experience, or • Associates degree plus four years experience
PhD/Doctorate	<ul style="list-style-type: none"> • Master's degree plus two years experience or • Bachelor's degree plus four years experience or • Associates degree plus six years experience

- The years of experience substituted may be used to satisfy education requirements.
- Completion of higher education which has not yet resulted in a degree may be counted as one-for-one years of experience for each year of higher education and may be used to satisfy education requirements.

Experience Substitutions for SIN 54151HEAL Labor Categories:

Advanced Degree	Equal-To Years of Experience
Masters	Two years
PhD/Doctorate	Four years

- May be used to satisfy experience requirements when the minimum Education requirements are met.

2.2.2 Labor Categories and Rates (SIN 54151HEAL, formerly 132 56)

2.2.2.1 Customer Facility

Labor Categories at Customer Facility ("Government site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/17 - 7/11/18	7/12/18 - 4/9/19	4/10/19 - 7/11/19	7/12/19 - 7/11/20	7/12/20 - 7/11/21	7/12/21 - 7/11/22
Biomedical Engineer 1	\$91.42	\$94.07	\$93.13	\$95.83	\$98.61	\$101.47
Biomedical Engineer 2	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97
Biomedical Engineer 3	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Biostatistician 1	\$91.42	\$94.07	\$93.13	\$95.83	\$98.61	\$101.47
Biostatistician 2	\$109.65	\$112.83	\$111.70	\$114.94	\$118.27	\$121.70
Biostatistician 3	\$151.73	\$156.13	\$154.57	\$159.05	\$163.66	\$168.41
Medical Consultant 1	\$120.80	\$124.30	\$123.06	\$126.63	\$130.30	\$134.08
Medical Consultant 2	\$196.56	\$202.26	\$200.24	\$206.05	\$212.03	\$218.18
Medical Consultant 3	\$256.45	\$263.89	\$261.25	\$268.83	\$276.63	\$284.65
Construction Engineer	\$101.99	\$104.95	\$103.90	\$106.91	\$110.01	\$113.20
Health Insurance Manager	\$129.09	\$132.83	\$131.50	\$135.31	\$139.23	\$143.27
Human Factors Engineer 1	\$91.42	\$94.07	\$93.13	\$95.83	\$98.61	\$101.47
Human Factors Engineer 2	\$153.09	\$157.53	\$155.95	\$160.47	\$165.12	\$169.91
Human Factors Engineer 3	\$189.01	\$194.49	\$192.55	\$198.13	\$203.88	\$209.79
Informatic Specialist/Bioinformatician	\$90.65	\$93.28	\$92.35	\$95.03	\$97.79	\$100.63
Medical Billing/Account Management Specialist	\$73.95	\$76.09	\$75.33	\$77.51	\$79.76	\$82.07
Public Health Analyst	\$90.65	\$93.28	\$92.35	\$95.03	\$97.79	\$100.63
Hospital Administration Specialist 1	\$98.26	\$101.11	\$100.10	\$103.00	\$105.99	\$109.06
Hospital Administration Specialist 2	\$142.49	\$146.62	\$145.15	\$149.36	\$153.69	\$158.15
Clinical Subject Matter Expert 1	\$120.80	\$124.30	\$123.06	\$126.63	\$130.30	\$134.08
Clinical Subject Matter Expert 2	\$169.17	\$174.08	\$172.34	\$177.34	\$182.48	\$187.77
Clinical Subject Matter Expert 3	\$196.56	\$202.26	\$200.24	\$206.05	\$212.03	\$218.18
Clinical Subject Matter Expert 4	\$256.45	\$263.89	\$261.25	\$268.83	\$276.63	\$284.65
Clinical Subject Matter Expert 5	\$389.60	\$400.90	\$396.89	\$408.40	\$420.24	\$432.43
Health Senior Program Manager	\$433.92	\$446.50	\$442.04	\$454.86	\$468.05	\$481.62
Health Program Manager	\$382.26	\$393.35	\$389.42	\$400.71	\$412.33	\$424.29
Health Project Manager	\$248.20	\$255.40	\$252.85	\$260.18	\$267.73	\$275.49
Health Task Manager	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89

Health SME 1	\$221.70	\$228.13	\$225.85	\$232.40	\$239.14	\$246.08
Health SME 2	\$255.03	\$262.43	\$259.81	\$267.34	\$275.09	\$283.07
Health SME 3	\$302.56	\$311.33	\$308.22	\$317.16	\$326.36	\$335.82
Health Technical Architect 1	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Health Technical Architect 2	\$248.20	\$255.40	\$252.85	\$260.18	\$267.73	\$275.49
Health System Administrator 1	\$110.60	\$113.81	\$112.67	\$115.94	\$119.30	\$122.76
Health System Administrator 2	\$161.30	\$165.98	\$164.32	\$169.09	\$173.99	\$179.04
Health System Administrator 3	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Health Database Administrator 1	\$110.60	\$113.81	\$112.67	\$115.94	\$119.30	\$122.76
Health Database Administrator 2	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97
Health Database Administrator 3	\$164.50	\$169.27	\$167.58	\$172.44	\$177.44	\$182.59
Health Functional Specialist 1	\$119.47	\$122.93	\$121.70	\$125.23	\$128.86	\$132.60
Health Functional Specialist 2	\$161.30	\$165.98	\$164.32	\$169.09	\$173.99	\$179.04
Health Functional Specialist 3	\$195.75	\$201.43	\$199.42	\$205.20	\$211.15	\$217.27
Health Consultant 1	\$113.57	\$116.86	\$115.69	\$119.05	\$122.50	\$126.05
Health Consultant 2	\$152.14	\$156.55	\$154.98	\$159.47	\$164.09	\$168.85
Health Consultant 3	\$185.45	\$190.83	\$188.92	\$194.40	\$200.04	\$205.84
Health Engineer 1	\$107.83	\$110.96	\$109.85	\$113.04	\$116.32	\$119.69
Health Engineer 2	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97
Health Engineer 3	\$161.30	\$165.98	\$164.32	\$169.09	\$173.99	\$179.04
Health Technical Writer	\$109.93	\$113.12	\$111.99	\$115.24	\$118.58	\$122.02
Health Help Desk Manager	\$118.34	\$121.77	\$120.55	\$124.05	\$127.65	\$131.35
Health Help Desk Specialist	\$75.94	\$78.14	\$77.36	\$79.60	\$81.91	\$84.29
Health Help Desk Coordinator	\$58.63	\$60.33	\$59.73	\$61.46	\$63.24	\$65.07
Health Programmer 1	\$84.77	\$87.23	\$86.36	\$88.86	\$91.44	\$94.09
Health Programmer 2	\$133.43	\$137.30	\$135.93	\$139.87	\$143.93	\$148.10
Health Programmer 3	\$180.64	\$185.88	\$184.02	\$189.36	\$194.85	\$200.50
Health Operations Manager	\$145.93	\$150.16	\$148.66	\$152.97	\$157.41	\$161.97
Health Admin Specialist	\$79.00	\$81.29	\$80.48	\$82.81	\$85.21	\$87.68
Health Agile Coach	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Health Scrum Master	\$216.69	\$222.97	\$220.74	\$227.14	\$233.73	\$240.51
Health Financial Analyst	\$161.30	\$165.98	\$164.32	\$169.09	\$173.99	\$179.04
Health Data Architect	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Health Program Analyst	\$109.93	\$113.12	\$111.99	\$115.24	\$118.58	\$122.02
Health Application Architect 1	\$129.09	\$132.83	\$131.50	\$135.31	\$139.23	\$143.27
Health Application Architect 2	\$162.35	\$167.06	\$165.39	\$170.19	\$175.13	\$180.21
Health Application Architect 3	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Health Customer Service and Support Technician 1	\$60.80	\$62.56	\$61.93	\$63.73	\$65.58	\$67.48

Health Customer Service and Support Technician 2	\$79.00	\$81.29	\$80.48	\$82.81	\$85.21	\$87.68
Health Customer Service and Support Technician 3	\$89.04	\$91.62	\$90.70	\$93.33	\$96.04	\$98.83
Health Customer Service and Support Supervisor 1	\$79.00	\$81.29	\$80.48	\$82.81	\$85.21	\$87.68
Health Customer Service and Support Supervisor 2	\$89.04	\$91.62	\$90.70	\$93.33	\$96.04	\$98.83
Health Customer Service and Support Supervisor 3	\$98.26	\$101.11	\$100.10	\$103.00	\$105.99	\$109.06
Health Customer Service and Support Manager 1	\$89.04	\$91.62	\$90.70	\$93.33	\$96.04	\$98.83
Health Customer Service and Support Manager 2	\$98.26	\$101.11	\$100.10	\$103.00	\$105.99	\$109.06
Health Customer Service and Support Manager 3	\$116.78	\$120.17	\$118.97	\$122.42	\$125.97	\$129.62
Health Application Systems Analyst	\$162.35	\$167.06	\$165.39	\$170.19	\$175.13	\$180.21
Health Security Specialist 1	\$108.55	\$111.70	\$110.58	\$113.79	\$117.09	\$120.49
Health Security Specialist 2	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97
Health Security Specialist 3	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Health Business Analyst 1	\$110.60	\$113.81	\$112.67	\$115.94	\$119.30	\$122.76
Health Business Analyst 2	\$161.30	\$165.98	\$164.32	\$169.09	\$173.99	\$179.04
Health Business Analyst 3	\$216.69	\$222.97	\$220.74	\$227.14	\$233.73	\$240.51
Health Quality Assurance Specialist	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97
Health Network Administrator	\$145.93	\$150.16	\$148.66	\$152.97	\$157.41	\$161.97
Health Enterprise Architect	\$221.70	\$228.13	\$225.85	\$232.40	\$239.14	\$246.08
Health ITIL Service Manager 1	\$98.26	\$101.11	\$100.10	\$103.00	\$105.99	\$109.06
Health ITIL Service Manager 2	\$116.78	\$120.17	\$118.97	\$122.42	\$125.97	\$129.62
Health ITIL Service Manager 3	\$145.72	\$149.95	\$148.45	\$152.76	\$157.19	\$161.75
Health Training Specialist	\$145.93	\$150.16	\$148.66	\$152.97	\$157.41	\$161.97
Health Storage Administrator	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97
Health Analyst 1	\$101.90	\$104.86	\$103.81	\$106.82	\$109.92	\$113.11
Health Analyst 2	\$129.09	\$132.83	\$131.50	\$135.31	\$139.23	\$143.27
Health Analyst 3	\$162.35	\$167.06	\$165.39	\$170.19	\$175.13	\$180.21
Health Web Designer	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97

*Note: Prices include the 0.75% Industrial Funding Fee (IFF).

2.2.2.2 Contractor Facility

Labor Categories at Contractor Facility ("Contractor Site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/17 - 7/11/18	7/12/18 - 4/9/19	4/10/19 - 7/11/19	7/12/19 - 7/11/20	7/12/20 - 7/11/21	7/12/21 - 7/11/22
Biomedical Engineer 1	\$95.51	\$98.28	\$97.30	\$100.12	\$103.02	\$106.01

Biomedical Engineer 2	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
Biomedical Engineer 3	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Biostatistician 1	\$95.51	\$98.28	\$97.30	\$100.12	\$103.02	\$106.01
Biostatistician 2	\$114.23	\$117.54	\$116.36	\$119.73	\$123.20	\$126.77
Biostatistician 3	\$158.06	\$162.64	\$161.01	\$165.68	\$170.48	\$175.42
Medical Consultant 1	\$125.70	\$129.35	\$128.06	\$131.77	\$135.59	\$139.52
Medical Consultant 2	\$204.55	\$210.48	\$208.38	\$214.42	\$220.64	\$227.04
Medical Consultant 3	\$266.87	\$274.61	\$271.86	\$279.74	\$287.85	\$296.20
Construction Engineer	\$106.55	\$109.64	\$108.54	\$111.69	\$114.93	\$118.26
Health Insurance Manager	\$134.87	\$138.78	\$137.39	\$141.37	\$145.47	\$149.69
Human Factors Engineer 1	\$95.51	\$98.28	\$97.30	\$100.12	\$103.02	\$106.01
Human Factors Engineer 2	\$159.94	\$164.58	\$162.93	\$167.65	\$172.51	\$177.51
Human Factors Engineer 3	\$197.48	\$203.21	\$201.18	\$207.01	\$213.01	\$219.19
Informatic Specialist/Bioinformatician	\$94.72	\$97.47	\$96.50	\$99.30	\$102.18	\$105.14
Medical Billing / Account Management Specialist	\$77.26	\$79.50	\$78.71	\$80.99	\$83.34	\$85.76
Public Health Analyst	\$94.72	\$97.47	\$96.50	\$99.30	\$102.18	\$105.14
Hospital Administration Specialist 1	\$102.69	\$105.67	\$104.61	\$107.64	\$110.76	\$113.97
Hospital Administration Specialist 2	\$148.92	\$153.24	\$151.71	\$156.11	\$160.64	\$165.30
Clinical Subject Matter Expert 1	\$125.70	\$129.35	\$128.06	\$131.77	\$135.59	\$139.52
Clinical Subject Matter Expert 2	\$176.05	\$181.16	\$179.35	\$184.55	\$189.90	\$195.41
Clinical Subject Matter Expert 3	\$204.55	\$210.48	\$208.38	\$214.42	\$220.64	\$227.04
Clinical Subject Matter Expert 4	\$266.87	\$274.61	\$271.86	\$279.74	\$287.85	\$296.20
Clinical Subject Matter Expert 5	\$405.44	\$417.20	\$413.03	\$425.01	\$437.34	\$450.02
Health Senior Program Manager	\$452.00	\$465.11	\$460.46	\$473.81	\$487.55	\$501.69
Health Program Manager	\$398.19	\$409.74	\$405.64	\$417.40	\$429.50	\$441.96
Health Project Manager	\$258.55	\$266.05	\$263.39	\$271.03	\$278.89	\$286.98
Health Task Manager	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Health SME 1	\$230.94	\$237.64	\$235.26	\$242.08	\$249.10	\$256.32
Health SME 2	\$265.65	\$273.35	\$270.62	\$278.47	\$286.55	\$294.86
Health SME 3	\$315.17	\$324.31	\$321.07	\$330.38	\$339.96	\$349.82
Health Technical Architect 1	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Health Technical Architect 2	\$258.55	\$266.05	\$263.39	\$271.03	\$278.89	\$286.98
Health System Administrator 1	\$115.20	\$118.54	\$117.35	\$120.75	\$124.25	\$127.85
Health System Administrator 2	\$168.02	\$172.89	\$171.16	\$176.12	\$181.23	\$186.49
Health System Administrator 3	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56

Health Database Administrator 1	\$115.20	\$118.54	\$117.35	\$120.75	\$124.25	\$127.85
Health Database Administrator 2	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
Health Database Administrator 3	\$171.37	\$176.34	\$174.58	\$179.64	\$184.85	\$190.21
Health Functional Specialist 1	\$124.45	\$128.06	\$126.78	\$130.46	\$134.24	\$138.13
Health Functional Specialist 2	\$168.02	\$172.89	\$171.16	\$176.12	\$181.23	\$186.49
Health Functional Specialist 3	\$203.89	\$209.80	\$207.70	\$213.72	\$219.92	\$226.30
Health Consultant 1	\$118.30	\$121.73	\$120.51	\$124.00	\$127.60	\$131.30
Health Consultant 2	\$158.47	\$163.07	\$161.44	\$166.12	\$170.94	\$175.90
Health Consultant 3	\$193.19	\$198.79	\$196.80	\$202.51	\$208.38	\$214.42
Health Engineer 1	\$112.31	\$115.57	\$114.41	\$117.73	\$121.14	\$124.65
Health Engineer 2	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
Health Engineer 3	\$168.02	\$172.89	\$171.16	\$176.12	\$181.23	\$186.49
Health Technical Writer	\$114.86	\$118.19	\$117.01	\$120.40	\$123.89	\$127.48
Health Help Desk Manager	\$123.63	\$127.22	\$125.95	\$129.60	\$133.36	\$137.23
Health Help Desk Specialist	\$79.34	\$81.64	\$80.82	\$83.16	\$85.57	\$88.05
Health Help Desk Coordinator	\$61.25	\$63.03	\$62.40	\$64.21	\$66.07	\$67.99
Health Programmer 1	\$88.56	\$91.13	\$90.22	\$92.84	\$95.53	\$98.30
Health Programmer 2	\$139.41	\$143.45	\$142.02	\$146.14	\$150.38	\$154.74
Health Programmer 3	\$188.73	\$194.20	\$192.26	\$197.84	\$203.58	\$209.48
Health Operations Manager	\$152.46	\$156.88	\$155.31	\$159.81	\$164.44	\$169.21
Health Admin Specialist	\$82.56	\$84.95	\$84.10	\$86.54	\$89.05	\$91.63
Health Agile Coach	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Health Scrum Master	\$225.72	\$232.27	\$229.95	\$236.62	\$243.48	\$250.54
Health Financial Analyst	\$168.02	\$172.89	\$171.16	\$176.12	\$181.23	\$186.49
Health Data Architect	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Health Program Analyst	\$114.86	\$118.19	\$117.01	\$120.40	\$123.89	\$127.48
Health Application Architect 1	\$134.87	\$138.78	\$137.39	\$141.37	\$145.47	\$149.69
Health Application Architect 2	\$169.62	\$174.54	\$172.79	\$177.80	\$182.96	\$188.27
Health Application Architect 3	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Health Customer Service and Support Technician 1	\$63.55	\$65.39	\$64.74	\$66.62	\$68.55	\$70.54
Health Customer Service and Support Technician 2	\$82.56	\$84.95	\$84.10	\$86.54	\$89.05	\$91.63
Health Customer Service and Support Technician 3	\$93.06	\$95.76	\$94.80	\$97.55	\$100.38	\$103.29
Health Customer Service and Support Supervisor 1	\$82.56	\$84.95	\$84.10	\$86.54	\$89.05	\$91.63
Health Customer Service and Support Supervisor 2	\$93.06	\$95.76	\$94.80	\$97.55	\$100.38	\$103.29
Health Customer Service and Support Supervisor 3	\$102.69	\$105.67	\$104.61	\$107.64	\$110.76	\$113.97
Health Customer Service and Support Manager 1	\$93.06	\$95.76	\$94.80	\$97.55	\$100.38	\$103.29
Health Customer Service and Support Manager 2	\$102.69	\$105.67	\$104.61	\$107.64	\$110.76	\$113.97

Health Customer Service and Support Manager 3	\$122.05	\$125.59	\$124.33	\$127.94	\$131.65	\$135.47
Health Application Systems Analyst	\$169.62	\$174.54	\$172.79	\$177.80	\$182.96	\$188.27
Health Security Specialist 1	\$113.09	\$116.37	\$115.21	\$118.55	\$121.99	\$125.53
Health Security Specialist 2	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
Health Security Specialist 3	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Health Business Analyst 1	\$115.20	\$118.54	\$117.35	\$120.75	\$124.25	\$127.85
Health Business Analyst 2	\$168.02	\$172.89	\$171.16	\$176.12	\$181.23	\$186.49
Health Business Analyst 3	\$225.72	\$232.27	\$229.95	\$236.62	\$243.48	\$250.54
Health Quality Assurance Specialist	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
Health Network Administrator	\$152.46	\$156.88	\$155.31	\$159.81	\$164.44	\$169.21
Health Enterprise Architect	\$230.94	\$237.64	\$235.26	\$242.08	\$249.10	\$256.32
Health ITIL Service Manager 1	\$102.69	\$105.67	\$104.61	\$107.64	\$110.76	\$113.97
Health ITIL Service Manager 2	\$122.05	\$125.59	\$124.33	\$127.94	\$131.65	\$135.47
Health ITIL Service Manager 3	\$152.28	\$156.70	\$155.13	\$159.63	\$164.26	\$169.02
Health Training Specialist	\$152.46	\$156.88	\$155.31	\$159.81	\$164.44	\$169.21
Health Storage Administrator	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
Health Analyst 1	\$106.47	\$109.56	\$108.46	\$111.61	\$114.85	\$118.18
Health Analyst 2	\$134.87	\$138.78	\$137.39	\$141.37	\$145.47	\$149.69
Health Analyst 3	\$169.62	\$174.54	\$172.79	\$177.80	\$182.96	\$188.27
Health Web Designer	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
<i>*Note: Prices include the 0.75% Industrial Funding Fee (IFF).</i>						

2.3 SIN 54151HACS (formerly SIN 132 45)

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, and backup, security services and, Security Operations Center (SOC) services. HACS vendors are cataloged under the 5 subcategories of High Value Asset Assessments; Risk and Vulnerability Assessments, Cyber Hunt, Incident Response, and Penetration Testing. NOTE: Subject to Cooperative Purchasing.

- High Value Asset (HVA) Assessments include Risk and Vulnerability Assessment (RVA) which assesses threats and vulnerabilities, determines deviations from acceptable configurations, enterprise or local policy, assesses the level of risk, and develops and/or recommends appropriate mitigation countermeasures in operational and non-operational situations. The services offered in the RVA subcategory include Network Mapping, Vulnerability Scanning, Phishing Assessment, Wireless Assessment, Web Application Assessment, Operating System Security Assessment (OSSA), Database Assessment, and Penetration Testing. Security Architecture Review (SAR) evaluates a subset of the agency's HVA security posture to determine

whether the agency has properly architected its cybersecurity solutions and ensures that agency leadership fully understands the risks inherent in the implemented cybersecurity solution. The SAR process utilizes in-person interviews, documentation reviews, and leading practice evaluations of the HVA environment and supporting systems. SAR provides a holistic analysis of how an HVA’s individual security components integrate and operate, including how data is protected during operations. Systems Security Engineering (SSE) identifies security vulnerabilities and minimizes or contains risks associated with these vulnerabilities spanning the Systems Development Life Cycle. SSE focuses on, but is not limited to the following security areas: perimeter security, network security, endpoint security, application security, physical security, and data security.

- Risk and Vulnerability Assessment (RVA) assesses threats and vulnerabilities, determines deviations from acceptable configurations, enterprise or local policy, assesses the level of risk, and develops and/or recommends appropriate mitigation countermeasures in operational and non-operational situations. The services offered in the RVA sub-category include Network Mapping, Vulnerability Scanning, Phishing Assessment, Wireless Assessment, Web Application Assessment, Operating System Security Assessment (OSSA), Database Assessment, and Penetration Testing.
- Cyber Hunt activities respond to crises or urgent situations within the pertinent domain to mitigate immediate and potential threats. Cyber Hunts start with the premise that threat actors known to target some organizations in a specific industry or with specific systems are likely to also target other organizations in the same industry or with the same systems.
- Incident Response services help organizations impacted by a cybersecurity compromise determine the extent of the incident, remove the adversary from their systems, and restore their networks to a more secure state.
- Penetration Testing is security testing in which assessors mimic real-world attacks to identify methods for circumventing the security features of an application, system, or network.

2.3.1 Labor Category Descriptions (SIN 54151HACS, formerly 132 45)

Labor Category Name	Labor Category Description	Min Yrs Experience	Min Education
Vulnerability Assessment Analyst and Penetration Tester 1	May support in part or in whole technical vulnerability assessments of applications and infrastructure, vulnerability research, and generation of assessment reports. - Duties may include <ul style="list-style-type: none"> • Executes tests by following the steps and procedures listed in a test plan and documents results in a standardized format that is appropriate for future analyses • Assists in the coordination of technical tests, network scans, and/or vulnerability scans that support the evaluation of information safeguard effectiveness • Conduct reconnaissance data gathering and vulnerability research 	0	Associates

	<ul style="list-style-type: none"> Assists in the creation of risk and vulnerability reporting 		
Vulnerability Assessment Analyst and Penetration Tester 2	<p>May support in part in in whole technical vulnerability assessments of applications and infrastructure, vulnerability research, and generation of assessment reports. - Duties may include</p> <ul style="list-style-type: none"> Supports development of and follows general test and evaluation plans to compare current and proposed technologies; assesses test results to determine whether they match requirements specification Assists in the coordination of technical tests, network scans, and/or vulnerability scans that support the evaluation of information safeguard effectiveness Conduct reconnaissance, target assessment, data gathering and vulnerability research Leverages COTS tools to conduct vulnerability assessments, analyzes results, identifies exploitable vulnerabilities, and verifies vulnerabilities Prepares report documents by tailoring technical information and creates benchmark or security authorization reports; outlines key findings related to speed, risks, results and reliability, and recommends acceptance or rejection of technology for applied use 	3	Associates
Vulnerability Assessment Analyst and Penetration Tester 3	<p>May support in part or in whole technical vulnerability assessments of applications and infrastructure, vulnerability research, and generation of assessment reports. Duties may include</p> <ul style="list-style-type: none"> Contributes to the selection of appropriate technical tests, network or vulnerability scan tools, and/or pen testing tools based on review of requirements and purpose; lists all steps involved for executing selected test(s) and coaches others in the use of advanced research, development, or scan tools and the analysis of comparative findings between proposed and current technologies Coordinates or leads teams to conducts ethical tests, network scans, and/or vulnerability scans that support the evaluation of information safeguard effectiveness Conduct reconnaissance, target assessment, target selection, and vulnerability research Using COTS tools, conduct or leads teams to conduct vulnerability assessments, analyzes results, identifies exploitable vulnerabilities, and verifies vulnerabilities through manual assessment Prepares and reviews assessment documents, validates and communicates key findings to stakeholders 	5	Bachelors
Vulnerability Assessment Analyst and Penetration Tester 4	<p>May support in part or in whole technical vulnerability assessments of applications and infrastructure, vulnerability research, and generation of assessment reports. Duties may include</p> <ul style="list-style-type: none"> May devise and / or select appropriate technical tests, network or vulnerability scan tools, and/or pen testing 	6	Bachelors

	<p>tools based on review of requirements and purpose; lists all steps involved for executing selected test(s) and coaches others in the use of advanced research, development, or scan tools and the analysis of comparative findings between proposed and current technologies</p> <ul style="list-style-type: none"> • Coordinates or leads teams to conducts ethical tests, network scans, and/or vulnerability scans that support the evaluation of information safeguard effectiveness • Conduct reconnaissance, target assessment, target selection, and vulnerability research • Creates custom tools and exploits to penetrate various levels of controls including network, operating system, and physical • Using COTS or custom tools, conduct or leads teams to conduct vulnerability assessments, analyzes results, identifies exploitable vulnerabilities, and verifies vulnerabilities through manual assessment • Prepares and reviews assessment documents, validates and communicates key findings to stakeholders 		
Incident Response Analyst 1	<p>Contributes to generating response to crisis or urgent situations to mitigate immediate or potential threats. Uses mitigation, preparedness, and response and recovery approaches, as needed, to maximize survival of life, preservation of property, and information security.</p> <p>Duties may include</p> <ul style="list-style-type: none"> • Handle and respond to cyber security incidents through coordination with stakeholders such as internal IT entities, security leadership, legal affairs, internal affairs, law enforcement, and privacy offices • Intake incident reporting, conduct ticket updates, and notify stakeholders of cyber security incidents and forensic investigations in relation to computer security incidents and escalate when necessary as well as coordinate response to computer security incidents • Recommend a course of action on each incident and creates, manages, and records all actions taken and serve as initial POC for Events of Interest reported both internally and externally • Establishes alarm/incident escalation process and tracks, follows-up, and resolves incidents • Initiates and maintains contact with affected parties during incident response lifecycle. Investigates potential incidents/intrusions 	0	Bachelors
Incident Response Analyst 2	<p>Contributes to generating responses to crisis or urgent situations to mitigate immediate and / or potential threats. Uses mitigation, preparedness, and response and recovery approaches, as needed, to maximize survival of life, preservation of property, and information security. Duties may include</p>	2	Bachelors

	<ul style="list-style-type: none"> • Provides oversight for incident data flow and response, content, and remediation, and partners with other incident response centers in maintaining an understanding of threats, vulnerabilities, and exploits that could impact networks and assets • Performs real-time proactive event investigation on various security enforcement systems, such as SIEM, Anti-virus, Internet content filtering/reporting, malcode prevention, Firewalls, IDS & IPS, Web security, anti-spam, etc. • Performs the role of Incident Coordinator for IT Security events requiring focused response, containment, investigation, and remediation • Performs forensic analysis on hosts supporting investigations • Conducts malware analysis in out-of-band environment (static and dynamic), including complex malware 		
Incident Response Analyst 3	<p>Contributes to generating responses to crisis or urgent situations to mitigate immediate and / or potential threats. Uses mitigation, preparedness, and response and recovery approaches, as needed, to maximize survival of life, preservation of property, and information security.</p> <p>Duties may include</p> <ul style="list-style-type: none"> • Lead shifts and functional IR teams, provides oversight for incident data flow and response, content, and remediation, and partners with other incident response centers in maintaining an understanding of threats, vulnerabilities, and exploits that could impact networks and assets • Performs real-time proactive event investigation on various security enforcement systems, such as SIEM, Anti-virus, Internet content filtering/reporting, malcode prevention, Firewalls, IDS & IPS, Web security, anti-spam, etc. • Performs the role of Incident Coordinator for IT Security events requiring focused response, containment, investigation, and remediation • Performs forensic analysis on hosts supporting investigations • Conducts malware analysis in out-of-band environment (static and dynamic), including complex malware • Coordinate response action to identifies threats and incidents • Analyze operational anomalies, network behavior and performs mitigation actions derived from cyber threat monitoring and anomaly analysis, and actively monitors the networks for cybersecurity threats and vulnerabilities 	5	Bachelors

	<ul style="list-style-type: none"> • Provide oversight and perform quality assurance on Incident Closures • Assist with knowledge management - Standard Operating Procedures and procedural support data 		
Incident Response Analyst 4	<p>Contributes to generating responses to crisis or urgent situations to mitigate immediate and / or potential threats. Uses mitigation, preparedness, and response and recovery approaches, as needed, to maximize survival of life, preservation of property, and information security.</p> <p>Duties may include</p> <ul style="list-style-type: none"> • Lead one or more functional security teams (Incident response, forensics, cyber intelligence etc.) • Support the development of staff schedules and staffing forecasts for approval • Ensure shift members follow the appropriate incident escalation and reporting procedures • Provides support promptly and efficiently through front-line telephone and email communications • Ingest, triage, prioritize, assign, track, document, and manage incidents and results • Provide technical support in response to computer security incidents • Correlate, map, and fuse any and all incident information for the development and distribution of cyber alerts and notices, or other products as Required • Document technical details of current or potential intruder threats consistent with environment • Coordinate, communicate, share information, and work closely with organizational stakeholders • Responsible for knowledge management of operational procedures and support documentation 	7	Bachelors
Security Operations Center (SOC) Analyst 1	<p>Provide cyber threat analysis and reporting to support SOC and Program's situational awareness.</p> <p>Actively monitor security threats and risks, Track investigation results and report on findings.</p> <p>Duties may include</p> <ul style="list-style-type: none"> • Support Security Operations Center and monitors security tools to review and analyze pre-defined events indicative of incidents and provide first tier response to security incidents. • Follow standard operating procedures for detecting, classifying, and reporting incidents under the supervision of Tier 2 and Tier 3 staff. • Managing cases within incident management systems. 	0	Associates
Security Operations	<p>Provide cyber threat analysis and reporting to support SOC and Program's situational awareness.</p>	2	Associates

Center (SOC) Analyst 2	<p>Actively monitor security threats and risks</p> <p>Track investigation results and report on findings</p> <p>Duties may include</p> <ul style="list-style-type: none"> • Support Security Operations Center and monitors security tools to review and analyze pre-defined events indicative of incidents and provides first tier response to security incidents • Monitor network traffic for security events and perform triage analysis to identify security incidents • Respond to computer security incidents by collecting, analyzing, preserving digital evidence and ensure that incidents are recorded and tracked in accordance with SOC requirements • Work closely with the other teams to assess risk and provide recommendations for improving our security posture • Recommend content to detect security events • Managing cases within incident management systems • Perform network Forensics and deep packet analysis • Identify countermeasures to detect and prevent security incidents 		
Security Operations Center (SOC) Analyst 3	<p>Provide cyber threat analysis and reporting to support SOC and Program's situational awareness.</p> <p>Actively monitor security threats and risks</p> <p>Track investigation results and report on findings.</p> <p>Duties may include</p> <ul style="list-style-type: none"> • Support a Security Operations Center and monitors security tools to review and analyze pre-defined events indicative of incidents and provide first tier response to security incidents • Lead shifts and functional IR teams, provides oversight and be responsible for event investigation and tracking activities • Support Tier 2 operations by monitoring alerts during critical and high volume events • Conduct more in-depth analyses of security incidents to identify incidents of compromise • Perform intrusion scope and root cause analyses and assist with intrusion remediation, strategy development, and implementation. Recommend effective process changes to enhance defense and response procedures • Use SOC monitoring devices to review and analyze pre-defined events indicative of incidents, create and recommend content to detect security events 	<p>5</p>	<p>Associates</p>

	<ul style="list-style-type: none"> • Conduct malware analysis in out-of-band environment (static and dynamic), including complex malware • Vet IOCs and intelligence vetting and disposition, assess feed viability • Perform network Forensics and deep packet analysis • Identify countermeasures to detect and prevent security incidents • Support knowledge management and developing procedures and policies for initial stand up of a security operations center (SOC) 		
Security Operations Center (SOC) Analyst 4	<p>Provide cyber threat analysis and reporting to support SOC and Program’s situational awareness</p> <p>Actively monitor security threats and risks, provide in-depth incident analysis, evaluate security incidents, and will provide proactive threat research</p> <p>Track investigation results and report on findings</p> <p>Duties may include</p> <ul style="list-style-type: none"> • Lead multiple functional security teams, provide management and leadership of security operations center (SOC) • Use knowledge of regulatory compliance directives to include various monitoring and reporting requirements, industry best practice, implement optimal workflows and procedures • Manage and ensure the timely response and investigations of security events and incidents by the security operations center • Create and maintain schedules to ensure coverage by operations support personnel • Coordinate with threat operations and threat intelligence specialists to resolve high or critical severity level incidents • Responsible for knowledge management and developing procedures and policies for initial stand up of a security operations center (SOC) 	7	Bachelors
Cyber Hunter 1	<p>May respond to crisis or urgent situations to mitigate immediate and potential threats. Approaches may include the use information and threat intelligence specifically focused on a proximate incident to identify undiscovered attacks. Investigates and analyzes all relevant response activities. May identify and assesses the capabilities and activities of cyber criminals or foreign intelligence entities; design and administer procedures in the organization that sustains the security of the organization’s data and access to its technology and communications systems.</p> <p>Duties may include</p>	0	Bachelors

	<ul style="list-style-type: none"> • Utilize various government and commercial resources to research known malware, attacks, define its characteristics, and report findings and mitigation recommendations to appropriate personnel • Uses prescribed methods and materials to review and analyze events indicative of incidents • Attempts to detect the full spectrum of known cyber-attacks (e.g., DDoS, malware, phishing, others) • Pinpoints location of compromised systems and devices. Correlates events from the various components in the IT security infrastructure and identifies attacks and breaches 		
Cyber Hunter 2	<p>May respond to crisis or urgent situations to mitigate immediate and potential threats. Approaches may include the use information and threat intelligence specifically focused on a proximate incident to identify undiscovered attacks. Investigates and analyzes all relevant response activities. Identifies and assesses the capabilities and activities of cyber criminals or foreign intelligence entities; design and administer procedures in the organization that sustains the security of the organization’s data and access to its technology and communications systems.</p> <p>Duties may include</p> <ul style="list-style-type: none"> • Uses current hashing algorithms to validate forensic images; diagrams networks and images servers to support digital forensics operations • Utilizes a variety of industry standard tools and techniques to collect a system’s current state data and catalog, document, extract, collect, and preserve information • Uses dynamic analysis to identify network intrusions and network monitoring tools to capture real-time traffic spawned by any running malicious code; identifies internet activity that is triggered by malware; identifies network/host-based characteristics and assists in drafting recommendations to detect and prevent malware infections in the future • Monitor and assess complex security devices for patterns and anomalies (IDS, DLP), tag events for Tier 1 monitoring • Pinpoints location of compromised systems and devices. Correlates events from the various components in the IT security infrastructure and identifies attacks and breaches 	4	Bachelors
Cyber Hunter 3	<p>May respond to crisis or urgent situations to mitigate immediate and potential threats. Approaches may include the use information and threat intelligence specifically focused on a proximate incident to identify undiscovered attacks. Investigates and analyzes all relevant response activities. Identifies and assesses the capabilities and activities of cyber criminals or foreign intelligence entities; design and administer</p>	7	Bachelors

	<p>procedures in the organization that sustains the security of the organization's data and access to its technology and communications systems</p> <p>Duties may include</p> <ul style="list-style-type: none"> • Identifies, deters, monitors, and investigates computer and network intrusions • Provide computer forensic support to high technology investigations in the form of evidence seizure, computer forensic analysis, and data recovery • Monitor and assess complex security devices for patterns and anomalies from raw events (DNS, DHCP, AD, SE logs), tag events for Tier 1 & 2 monitoring • Conduct malware analysis in out-of-band environment (static and dynamic), including complex malware 		
Cyber Hunter 4	<p>May respond to crisis or urgent situations to mitigate immediate and potential threats. Approaches may include the use information and threat intelligence specifically focused on a proximate incident to identify undiscovered attacks. Investigates and analyzes all relevant response activities. Identifies and assesses the capabilities and activities of cyber criminals or foreign intelligence entities; design and administer procedures in the organization that sustains the security of the organization's data and access to its technology and communications systems</p> <p>Duties may include</p> <ul style="list-style-type: none"> • Lead Cyber Hunt team, provides oversight and be responsible for event investigation and tracking activities • Identifies, deters, monitors, and investigates computer and network intrusions • Provide computer forensic support to high technology investigations in the form of evidence seizure, computer forensic analysis, and data recovery • Monitor and assess complex security devices for patterns and anomalies from raw events (DNS, DHCP, AD, SE logs), tag events for Tier 1 & 2 monitoring • Conduct malware analysis in out-of-band environment (static and dynamic), including complex malware 	10	Bachelors
Risk and Vulnerability Threat Analyst 1	<p>Participate in conduct of controls and security assessments to assess risk of exposure of proprietary data through weaknesses in platforms, access procedures, or forms of access to the organization's systems and the data contained in them</p> <p>Duties may include</p>	0	Bachelors

	<ul style="list-style-type: none"> • Provides technical support on post event network security logs and trend analysis • Uncovers security and compliance violations • Associates and correlates IP address related events with specific systems or devices in the IT infrastructure • Support development and analysis of system and security documentation • Maintain documentation for exceptions to standards 		
Risk and Vulnerability Threat Analyst 2	<p>Participates in the conduct of controls and security assessments to assess risk of exposure of proprietary data through weaknesses in platforms, access procedures, or forms of access to the organization's systems and the data contained in them. Duties may include</p> <ul style="list-style-type: none"> • Develop, document and execute containment strategies • Document and brief the business on remediation options and execute the plan with stakeholders • Produce final report and recommendation • Coordinate efforts of, and provide timely updates to, multiple business units during response • Performing in-depth analysis in support of incident response operations • Develop requirements for technical capabilities for cyber incident management • Investigate major breaches of security and recommending appropriate control improvements • Work with infrastructure and application support teams to drive closure of follow up actions identified through incident and problem management • Performs Security Control Assessments on systems to validate the results of risk assessments and ensure controls in the security plan are present and operating correctly on the system; provides thorough report of the risks to the system and its data • Develop and analyze system and security documentation 	4	Bachelors
Risk and Vulnerability Threat Analyst 3	<p>Participates in the conduct of controls and security assessments to assess risk of exposure of proprietary data through weaknesses in platforms, access procedures, or forms of access to the organization's systems and the data contained in them. Duties may include</p> <ul style="list-style-type: none"> • Support engineering design teams by assessing network and system security design features and making recommendations concerning overall security accreditation readiness and compliance and best practices • Support interoperability assessment teams and present written analysis and conclusions in all phases of analysis 	7	Bachelors

	<ul style="list-style-type: none"> • Develop and analyze system and security documentation • Follow up with site administrators for status on non-compliant platforms and maintain any necessary exception documentation • Maintain documentation for exceptions to standards • Participate in Security Control Assessments on systems to validate the results of risk assessments and ensure controls in the security plan are present and operating correctly on the system; provides thorough report of the risks to the system and its data • Evaluate system findings, develop PO&AMs, and briefed stakeholders on key findings, recommendations, risk, and impact 		
Risk and Vulnerability Threat Analyst 4	<p>Participate in the conduct of controls and security assessments to assess risk of exposure of proprietary data through weaknesses in platforms, access procedures, or forms of access to the organization's systems and the data contained in them. Duties may include</p> <ul style="list-style-type: none"> • Ability to actively lead and manage project update briefings, working sessions and stakeholder meetings • Apply strong analytical/assessment to security systems and enterprise architecture (e.g., conducting gap analyses, risk assessments) • Participates in Security Control Assessments on systems to validate the results of risk assessments and ensure controls in the security plan are present and operating correctly on the system; provides thorough report of the risks to the system and its data • Evaluate system findings, develop PO&AMs, and briefed stakeholders on key findings, recommendations, risk, and impact 	10	Bachelors
Cyber Security Engineer 1	<p>Participate in special projects or investigations into specific technology or solution issues and research and piloting of new technologies. Serve as a point of contact for engineering efforts while assisting in maintaining compliance with the customer's policies and guidelines</p> <p>Duties may include</p> <ul style="list-style-type: none"> • Provides administrative support to enterprise security devices • Provides support of various applications and implement security standards • Assist with configuration, validate secure complex systems, and test security products and systems to detect security weakness 	0	Bachelors
Cyber Security Engineer 2	<p>Participate in special projects or investigations into specific technology or solution issues and research and piloting of new technologies. Serve as a point of contact for engineering efforts and while assisting in maintaining compliance with the customer's policies and guidelines</p>	3	Bachelors

	<p>Duties may include</p> <ul style="list-style-type: none"> • Assist with assessing, designing, developing, and recommending integrated security system solutions that ensure proprietary and confidential data and systems are protected • Provide assistance with technical engineering services for the support of integrated security systems and solutions • Interface with the client in the strategic design process to translate security and business requirements into technical designs • Assist with configuration, validate secure complex systems, and test security products and systems to detect security weakness 		
Cyber Security Engineer 3	<p>Participate in special projects or investigations into specific technology or solution issues and research and piloting of new technologies. Serve as a point of contact for engineering efforts while maintaining compliance with the customer's policies and guidelines</p> <p>Duties may include</p> <ul style="list-style-type: none"> • Configure and maintain policies • Maintain documentation for exceptions to standards • Provides timely and adequate response to threats/alerts • Assess security events to drive to a resolution • Provides timely and sufficient response to security incidents and assessment services • Promotes security awareness 	6	Bachelors
Cyber Security Engineer 4	<p>Participate in special projects or investigations into specific technology or solution issues and research and piloting of new technologies. Serve as a point of contact for engineering efforts and maintain compliance with the customer's policies and guidelines</p> <p>Duties may include</p> <ul style="list-style-type: none"> • Lead team of security engineers, manage large scale deployment, assessment, and O&M projects • Validates and verifies system security requirements definitions and analysis and establishes system security designs • Designs, develops, implements and/or integrates IA and security systems and system components including those for networking, computing, and enclave environments • Builds IA into systems deployed to operational environments 	8	Bachelors
Cyber Subject Matter Authority (SMA) 1	<p>Recognized as an authority in a given domain of Cyber security, or proficient in highly demanded emergent cyber tools or processes required under special circumstances</p>	12	Bachelors

	<p>Duties may include</p> <ul style="list-style-type: none"> • Apply subject matter authority to a specific incident, security application or enterprise environment to improve security posture or resolve organizational issues 		
Cyber Subject Matter Authority (SMA) 2	<p>Recognized as an authority in a given domain of Cyber security, or proficient in highly demanded emergent cyber tools or processes required under special circumstances</p> <p>Duties may include</p> <ul style="list-style-type: none"> • Apply subject matter authority to a specific incident, security application or enterprise environment to improve security posture or resolve organizational issues • Generate issue papers and reporting 	14	Bachelors
Cyber Subject Matter Authority (SMA) 3	<p>Recognized as an authority in a given domain of Cyber security, or proficient in highly demanded emergent cyber tools or processes required under special circumstances</p> <p>Duties may include</p> <ul style="list-style-type: none"> • Apply subject matter authority to a specific incident, security application or enterprise environment to improve security posture or resolve organizational issues • Generate issue papers and reporting • Advise senior leadership on security issues 	16	Bachelors
Cyber Senior Program Manager	<p>The Senior Cyber Program Manager has overall accountability for Cyber programs. Senior Program Managers may be responsible for product delivery and financial management of client engagements. A Senior Cyber Program Manager performs independent quality assurance reviews of program performance and deliverables to ensure that contractual obligations are being met. Senior Cyber Program Managers are also recognized experts in the areas of cyber process and the protection of technical architecture. They lend thought leadership to engagement teams in developing creative solutions to client problems.</p>	15	Bachelors
Cyber Project Manager	<p>The Cyber Project Manager manages, plans and coordinates activities of cyber projects. This individual reviews project proposal or plan to determine schedule, funding limitations, procedures for accomplishing projects, staffing requirements and allotment of available resources to various phases of projects. The Cyber Project Manager establishes work plans and coordinates staffing for each phase of project and arranges for recruitment or assignment of project personnel. The Cyber Project Manager identifies functional and cross-functional requirements and resources required for each task.</p>	10	Bachelors

Cyber Task Manager	<p>Cyber Task Managers apply their broad management skills and specialized functional and technical expertise to guide cyber engineering and process teams in delivering client solutions or to manage the day-to-day operations of cyber projects. The Cyber Task Manager monitors quality across multiple projects. This individual establishes and maintains financial and technical reports to show progress of projects to management and customers, organizes and assigns responsibilities to subordinates, and oversees the assigned tasks.</p>	<p>7</p>	<p>Bachelors</p>
Cyber Technical Architect 1	<p>The Cyber Technical Architect 1 provides thought leadership related to current and future customer plans with regard to protecting customer information technology from cyber threats. This individual possesses knowledge of the future direction and trends associated with the stated information technology, and is up to date with current threats associated with it. Cyber Technical Architect 1 is experienced in designing and implementing protections for information architecture solutions for the stated information technology; This individual designs secure architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces.</p>	<p>7</p>	<p>Bachelors</p>
Cyber Technical Architect 2	<p>The Cyber Technical Architect 2 provides thought leadership related to current and future customer plans with regard to protecting customer information technology from cyber threats. The Cyber Technical Architect 2 possesses knowledge of the future direction and trends associated with the stated information technology, and is up to date with current threats associated with it. This individual has experience in designing and implementing protections for information architecture. The Cyber Technical Architect 2 designs secure architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces.</p>	<p>10</p>	<p>Bachelors</p>
Cyber System Administrator 2	<p>The Cyber System Administrator 2 may develop, run tests on, implement, and maintain operating system and related software in support of cyber related activities. The Cyber System Administrator 2 establishes and implements standards for computer operations, consistent with documented customer cyber policies, for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and resolves software, operating system, and networking problems identified in vulnerability scans, penetration tests, and other security testing performed on the system. The Cyber Systems Administrator 2 schedules, performs, and monitors system backups and, when necessary, performs data recoveries.</p>	<p>3</p>	<p>Bachelors</p>

Cyber System Administrator 3	<p>The Cyber System Administrator 3 administers, develops, runs tests on, implements, and maintains operating system and related software in support of cyber related activities. The Cyber System Administrator 3 establishes and implements standards for computer operations, consistent with documented customer cyber policies, for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and resolves software, operating system, and networking problems identified in vulnerability scans, penetration tests, and other security testing performed on the system. The Cyber System Administrator 3 schedules, performs, and monitors system backups and, when necessary, performs data recoveries. Level 3 is competent in cyber subject matter and concepts and generally considered a specialist in area of assignment. May lead individuals assisting in the work.</p>	<p>7</p>	<p>Bachelors</p>
Cyber Database Administrator 2	<p>The Cyber Database Administrator 2 administrates organization's database, using database management system to organize and store data. The Cyber Database Administrator 2 ascertains user requirements, creates computer databases, and tests and coordinates changes. This individual interacts with cyber, development and end-user personnel to determine application data access requirements, transaction rates, volume analysis, and other pertinent data required to develop and maintain integrated databases consistent with customer cyber policies. The Cyber Database Administrator 2 ensures performance of database, including proper accesses are maintained, and responds to issues that arise during security tests and may deploy and test security patches as released by commercial software vendors.</p>	<p>3</p>	<p>Bachelors</p>
Cyber Database Administrator 3	<p>The Cyber Database Administrator 3 administrates organization's database, using database management system to organize and store data. The Cyber Database Administrator 3 ascertains user requirements, creates computer databases, and tests and coordinates changes. Interacts with cyber, development and end-user personnel to determine application data access requirements, transaction rates, volume analysis, and other pertinent data required to develop and maintain integrated databases consistent with customer cyber policies. The Cyber Database Administrator 3 ensures performance of database, including proper accesses are maintained, and responds to issues that arise during security tests and may deploy and test security patches as released by commercial software.</p>	<p>7</p>	<p>Bachelors</p>
Cyber Functional Specialist 3	<p>The Cyber Functional Specialist 3 may provide knowledge in cyber industry, process or technology areas. The Cyber Functional Specialist responsibilities may include</p>	<p>8</p>	<p>Bachelors</p>

	<ul style="list-style-type: none"> • Plan and manage the work of cyber information systems project teams • Design and implement new organization structures • Assist an organization translate its vision and strategy into core human resource and cyber processes • Lead clients through streamlining, reengineering and transforming processes to be more cyber centric • Develop and execute project budgets 		
Cyber Programmer 1	<p>The Cyber Programmer 1 is responsible for activities such as program design, coding, testing, debugging and documentation. This individual has technical knowledge and responsibility of cyber tools employed in part or all of the cyber protection program employed in support of applications systems analysis and programming and understands the business or function for which application is designed. The programmer may</p> <ul style="list-style-type: none"> • Write programs according to specifications, which may be provided by Engineers, technical architects, or other computer scientists • Update, repair, modify and expands existing computer programs 	0	Bachelors
Cyber Programmer 2	<p>The Cyber Programmer 2 is responsible for activities such as program design, coding, testing, debugging and documentation. This individual has technical knowledge and responsibility of cyber tools employed in part or all of the cyber protection program employed in support of applications systems analysis and programming and understands the business or function for which application is designed. The programmer may</p> <ul style="list-style-type: none"> • Write programs according to specifications, which may be provided by Engineers, technical architects, or other computer scientists • Update, repair, modify and expands existing computer programs 	2	Bachelors
Cyber Programmer 3	<p>The Cyber Programmer 3 is responsible for activities such as program design, coding, testing, debugging and documentation. This individual has technical knowledge and responsibility of cyber tools employed in part or all of the cyber protection program employed in support of applications systems analysis and programming and understands the business or function for which application is designed. The programmer may</p> <ul style="list-style-type: none"> • Write programs according to specifications, which may be provided by Engineers, technical architects, or other computer scientists • Update, repair, modify and expands existing computer programs 	5	Bachelors
Cyber Operations Manager	<p>The Cyber Operation Manager manages, coordinates, or organizes department cyber operation strategies and activities. The Operation Manager may</p> <ul style="list-style-type: none"> • Collaborate in the development and implementation of organization cyber policies, practices, procedures, and attainment of operating goals 	3	Bachelors

	<ul style="list-style-type: none"> Review, analyze, and prepare reports, records, and directives, and confers with managers/supervisors to obtain data required for planning activities, such as new commitments, status of work in progress, and problems encountered Disseminate policies and objectives to supervisors/staff 		
Cyber Data Architect	The Cyber Data Architect may define, design, or develop relational and/or multi-dimensional databases for warehousing of data. The Cyber Data Architect reviews current data structures and recommends optimizations and reconfigurations as warranted.	7	Bachelors
Cyber Program Analyst	<p>The Cyber Program Analyst analyzes and critiques existing computer programs and systems security measures, and develops new measures. The program analyst may</p> <ul style="list-style-type: none"> Review users' requests for new or modified computer programs to determine feasibility, cost and time required, compatibility with current system, and security capabilities Outline steps required to develop program, using structured security analysis and design Plan, develop, test, and document computer programs, applying knowledge of cyber security, programming techniques, and computer systems 	2	Bachelors
Cyber Application Architect	The Cyber Application Architect may plan, design, develop, redesign or enhance, install, or implement various cyber technology products, or enhance computer programs. This individual applies knowledge of software and programming to develop and test the security of computer systems and produce the necessary outcome for clients. The Application Architect may draft technical white papers to better understand the cyber technology behind them, and to provide instructions that help the client better understand the nature and applications of a specific cyber product...	3	Bachelors
Cyber Application Systems Analyst	The Cyber Application System Analyst may Oversee the implementation of required hardware and software security components for approved applications, coordinates security tests of the application system to ensure proper performance, and develops diagrams and flow charts for computer programmers to follow. This individual previews, analyzes, and modifies programming systems, including encoding, debugging, and installing security measures to support an organization's application systems. The Cyber Application System Analyst develops application specifications, identifies the required inputs, and formats the output to meet user's needs.	4	Bachelors
Cyber Security Specialist 1	The Cyber Security Specialist 1 may identify and resolve highly complex issues to prevent cyber attacks on information systems and to keep computer information systems secure from interruption of service,	0	Bachelors

	intellectual property theft, network viruses, data mining, financial theft, and theft of sensitive customer data, allowing business to continue as normal. This is accomplished through the systematic implementation of a cyber framework and process. The Cyber Security Specialist designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Level 1 performs more routine aspects of the position and is supervised by higher levels.		
Cyber Security Specialist 2	The Cyber Security Specialist 2 may identify and resolve highly complex issues to prevent cyber attacks on information systems and to keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, and theft of sensitive customer data, allowing business to continue as normal. This is accomplished through the systematic implementation of a cyber framework and process. The Cyber Security Specialist designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.	3	Bachelors
Cyber Security Specialist 3	The Cyber Security Specialist 3 may identify and resolve highly complex issues to prevent cyber attacks on information systems and to keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, and theft of sensitive customer data, allowing business to continue as normal. This is accomplished through the systematic implementation of a cyber framework and process. The Cyber Security Specialist designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Level 3 is competent in subject matter and concepts and generally considered a specialist in area of assignment. May lead individuals assisting in the work.	7	Bachelors
Cyber Network Administrator	The Cyber Network administrator administers design, organization, and implementation of network, and heads technical support staff who manage and maintain hubs, servers, firewalls, and routers. This individual uses knowledge and understanding of both networking and telecommunications theory and practice to protect system assets. The Cyber Network	3	Bachelors

	Administrator communicates with users, technical teams, and vendors on new technology and system upgrades and to determine software and hardware installation requirements.		
Cyber Enterprise Architect	The Cyber Enterprise Architect works with stakeholders, both leadership and subject matter experts, to build a holistic view of the organization's strategy, processes, information, and information technology assets to ensure that the business and IT are in alignment and protected from cyber threats. The Cyber Enterprise Architect links the business mission, strategy, and processes of an organization to its IT strategy - including security, and documents this using multiple architectural models or views that show how the current and future needs of an organization will be met in an efficient, sustainable, agile, secure, and adaptable manner.	8	Bachelors
Cyber Training Specialist	The Cyber Training Specialist develops teaching outlines and determines instructional methods, using knowledge of specified training needs and effectiveness of such methods as individual training, group instruction, lectures, demonstrations, conferences, meetings, or workshops. This individual prepares, organizes and heads training sessions covering standard training, specialized training or counseling in designated areas.	2	Bachelors
Cyber Storage Administrator	The Cyber Storage Administrator administers and safeguards efficient and reliable centralized electronic storage area networks (SAN), such as Network Attached Storage, Content Addressable Storage, DAS environments, or other technologies classified as storage technology. This individual may oversee, evaluate, implement, monitor, troubleshoot, or maintain SAN and related technologies, system upgrades, or optimization storage strategies. The Storage Administrator monitors the data storage needs of the company so that business can run efficiently.	3	Bachelors

Awarded Sub-Categories

- High Value Asset (HVA) Assessments
- Risk and Vulnerability Assessment (RVA)
- Cyber Hunt
- Incident Response
- Penetration Testing

Education Substitutions for SIN 54151HACS Labor Categories:

Degree	Experience Equivalent
Bachelors	<ul style="list-style-type: none"> • Associate's degree plus two years experience
Masters	<ul style="list-style-type: none"> • Bachelor's degree plus two years of experience, or • Associates degree plus four years experience
PhD/Doctorate	<ul style="list-style-type: none"> • Master's degree plus two years experience or

	<ul style="list-style-type: none"> • Bachelor's degree plus four years experience or • Associate's degree plus six years experience
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- The years of experience substituted may be used to satisfy education requirements.
- Completion of higher education which has not yet resulted in a degree may be counted as one-for-one years of experience for each year of higher education and may be used to satisfy education requirements.

Experience Substitutions for SIN 54151HACS Labor Categories:

Advanced Degree	Equal-To Years of Experience
Masters	Two years
PhD/Doctorate	Four years

- May be used to satisfy experience requirements when the minimum Education requirements are met.

2.3.2 Labor Categories and Rates (SIN 54151HACS, formerly 132 45)

2.3.2.1 Customer Facility

Labor Categories at Customer Facility ("Government site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/17 - 7/11/18	7/12/18 - 4/9/19	4/10/19 - 7/11/19	7/12/19 - 7/11/20	7/12/20 - 7/11/21	7/12/21 - 7/11/22
Vulnerability Assessment Analyst and Penetration Tester 1	\$108.55	\$111.70	\$110.58	\$113.79	\$117.09	\$120.49
Vulnerability Assessment Analyst and Penetration Tester 2	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97
Vulnerability Assessment Analyst and Penetration Tester 3	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Vulnerability Assessment Analyst and Penetration Tester 4	\$216.69	\$222.97	\$220.74	\$227.14	\$233.73	\$240.51
Incident Response Analyst 1	\$92.34	\$95.02	\$94.07	\$96.80	\$99.61	\$102.50
Incident Response Analyst 2	\$119.47	\$122.93	\$121.70	\$125.23	\$128.86	\$132.60
Incident Response Analyst 3	\$164.50	\$169.27	\$167.58	\$172.44	\$177.44	\$182.59
Incident Response Analyst 4	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Security Operations Center (SOC) Analyst 1	\$60.80	\$62.56	\$61.93	\$63.73	\$65.58	\$67.48
Security Operations Center (SOC) Analyst 2	\$81.99	\$84.37	\$83.53	\$85.95	\$88.44	\$91.00
Security Operations Center (SOC) Analyst 3	\$92.65	\$95.34	\$94.39	\$97.13	\$99.95	\$102.85
Security Operations Center (SOC) Analyst 4	\$142.49	\$146.62	\$145.15	\$149.36	\$153.69	\$158.15
Cyber Hunter 1	\$110.60	\$113.81	\$112.67	\$115.94	\$119.30	\$122.76
Cyber Hunter 2	\$161.30	\$165.98	\$164.32	\$169.09	\$173.99	\$179.04

Cyber Hunter 3	\$216.69	\$222.97	\$220.74	\$227.14	\$233.73	\$240.51
Cyber Hunter 4	\$310.90	\$319.92	\$316.72	\$325.90	\$335.35	\$345.08
Risk and Vulnerability Threat Analyst 1	\$92.34	\$95.02	\$94.07	\$96.80	\$99.61	\$102.50
Risk and Vulnerability Threat Analyst 2	\$126.12	\$129.78	\$128.48	\$132.21	\$136.04	\$139.99
Risk and Vulnerability Threat Analyst 3	\$164.50	\$169.27	\$167.58	\$172.44	\$177.44	\$182.59
Risk and Vulnerability Threat Analyst 4	\$221.70	\$228.13	\$225.85	\$232.40	\$239.14	\$246.08
Cyber Security Engineer 1	\$110.60	\$113.81	\$112.67	\$115.94	\$119.30	\$122.76
Cyber Security Engineer 2	\$161.30	\$165.98	\$164.32	\$169.09	\$173.99	\$179.04
Cyber Security Engineer 3	\$216.69	\$222.97	\$220.74	\$227.14	\$233.73	\$240.51
Cyber Security Engineer 4	\$286.77	\$295.09	\$292.14	\$300.61	\$309.33	\$318.30
Cyber Subject Matter Authority (SMA) 1	\$382.26	\$393.35	\$389.42	\$400.71	\$412.33	\$424.29
Cyber Subject Matter Authority (SMA) 2	\$425.56	\$437.90	\$433.52	\$446.09	\$459.03	\$472.34
Cyber Subject Matter Authority (SMA) 3	\$497.82	\$512.26	\$507.14	\$521.85	\$536.98	\$552.55
Cyber Senior Program Manager	\$433.92	\$446.50	\$442.04	\$454.86	\$468.05	\$481.62
Cyber Project Manager	\$248.20	\$255.40	\$252.85	\$260.18	\$267.73	\$275.49
Cyber Task Manager	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Cyber Technical Architect 1	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Cyber Technical Architect 2	\$248.20	\$255.40	\$252.85	\$260.18	\$267.73	\$275.49
Cyber System Administrator 2	\$161.30	\$165.98	\$164.32	\$169.09	\$173.99	\$179.04
Cyber System Administrator 3	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Cyber Database Administrator 2	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97
Cyber Database Administrator 3	\$164.50	\$169.27	\$167.58	\$172.44	\$177.44	\$182.59
Cyber Functional Specialist 3	\$195.75	\$201.43	\$199.42	\$205.20	\$211.15	\$217.27
Cyber Programmer 1	\$84.77	\$87.23	\$86.36	\$88.86	\$91.44	\$94.09
Cyber Programmer 2	\$133.43	\$137.30	\$135.93	\$139.87	\$143.93	\$148.10
Cyber Programmer 3	\$180.64	\$185.88	\$184.02	\$189.36	\$194.85	\$200.50
Cyber Operations Manager	\$145.93	\$150.16	\$148.66	\$152.97	\$157.41	\$161.97
Cyber Data Architect	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89
Cyber Program Analyst	\$109.93	\$113.12	\$111.99	\$115.24	\$118.58	\$122.02
Cyber Application Architect	\$129.09	\$132.83	\$131.50	\$135.31	\$139.23	\$143.27
Cyber Application Systems Analyst	\$162.35	\$167.06	\$165.39	\$170.19	\$175.13	\$180.21
Cyber Security Specialist 1	\$108.55	\$111.70	\$110.58	\$113.79	\$117.09	\$120.49
Cyber Security Specialist 2	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97
Cyber Security Specialist 3	\$187.31	\$192.74	\$190.81	\$196.34	\$202.03	\$207.89

Cyber Network Administrator	\$145.93	\$150.16	\$148.66	\$152.97	\$157.41	\$161.97
Cyber Enterprise Architect	\$221.70	\$228.13	\$225.85	\$232.40	\$239.14	\$246.08
Cyber Training Specialist	\$145.93	\$150.16	\$148.66	\$152.97	\$157.41	\$161.97
Cyber Storage Administrator	\$138.72	\$142.74	\$141.31	\$145.41	\$149.63	\$153.97
<i>*Note: Prices include the 0.75% Industrial Funding Fee (IFF).</i>						

2.3.2.2 Contractor Facility

Labor Categories at Contractor Facility ("Contractor Site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/17 - 7/11/18	7/12/18 - 4/9/19	4/10/19 - 7/11/19	7/12/19 - 7/11/20	7/12/20 - 7/11/21	7/12/21 - 7/11/22
Vulnerability Assessment Analyst and Penetration Tester 1	\$113.09	\$116.37	\$115.21	\$118.55	\$121.99	\$125.53
Vulnerability Assessment Analyst and Penetration Tester 2	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
Vulnerability Assessment Analyst and Penetration Tester 3	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Vulnerability Assessment Analyst and Penetration Tester 4	\$225.72	\$232.27	\$229.95	\$236.62	\$243.48	\$250.54
Incident Response Analyst 1	\$96.19	\$98.98	\$97.99	\$100.83	\$103.75	\$106.76
Incident Response Analyst 2	\$124.45	\$128.06	\$126.78	\$130.46	\$134.24	\$138.13
Incident Response Analyst 3	\$171.37	\$176.34	\$174.58	\$179.64	\$184.85	\$190.21
Incident Response Analyst 4	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Security Operations Center (SOC) Analyst 1	\$63.55	\$65.39	\$64.74	\$66.62	\$68.55	\$70.54
Security Operations Center (SOC) Analyst 2	\$85.70	\$88.19	\$87.31	\$89.84	\$92.45	\$95.13
Security Operations Center (SOC) Analyst 3	\$96.83	\$99.64	\$98.64	\$101.50	\$104.44	\$107.47
Security Operations Center (SOC) Analyst 4	\$148.92	\$153.24	\$151.71	\$156.11	\$160.64	\$165.30
Cyber Hunter 1	\$115.20	\$118.54	\$117.35	\$120.75	\$124.25	\$127.85
Cyber Hunter 2	\$168.02	\$172.89	\$171.16	\$176.12	\$181.23	\$186.49
Cyber Hunter 3	\$225.72	\$232.27	\$229.95	\$236.62	\$243.48	\$250.54
Cyber Hunter 4	\$323.86	\$333.25	\$329.92	\$339.49	\$349.34	\$359.47
Risk and Vulnerability Threat Analyst 1	\$96.19	\$98.98	\$97.99	\$100.83	\$103.75	\$106.76
Risk and Vulnerability Threat Analyst 2	\$131.38	\$135.19	\$133.84	\$137.72	\$141.71	\$145.82
Risk and Vulnerability Threat Analyst 3	\$171.37	\$176.34	\$174.58	\$179.64	\$184.85	\$190.21

Risk and Vulnerability Threat Analyst 4	\$230.94	\$237.64	\$235.26	\$242.08	\$249.10	\$256.32
Cyber Security Engineer 1	\$115.20	\$118.54	\$117.35	\$120.75	\$124.25	\$127.85
Cyber Security Engineer 2	\$168.02	\$172.89	\$171.16	\$176.12	\$181.23	\$186.49
Cyber Security Engineer 3	\$225.72	\$232.27	\$229.95	\$236.62	\$243.48	\$250.54
Cyber Security Engineer 4	\$298.72	\$307.38	\$304.31	\$313.13	\$322.21	\$331.55
Cyber Subject Matter Authority (SMA) 1	\$398.19	\$409.74	\$405.64	\$417.40	\$429.50	\$441.96
Cyber Subject Matter Authority (SMA) 2	\$443.29	\$456.15	\$451.59	\$464.69	\$478.17	\$492.04
Cyber Subject Matter Authority (SMA) 3	\$518.57	\$533.61	\$528.27	\$543.59	\$559.35	\$575.57
Cyber Senior Program Manager	\$452.00	\$465.11	\$460.46	\$473.81	\$487.55	\$501.69
Cyber Project Manager	\$258.55	\$266.05	\$263.39	\$271.03	\$278.89	\$286.98
Cyber Task Manager	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Cyber Technical Architect 1	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Cyber Technical Architect 2	\$258.55	\$266.05	\$263.39	\$271.03	\$278.89	\$286.98
Cyber System Administrator 2	\$168.02	\$172.89	\$171.16	\$176.12	\$181.23	\$186.49
Cyber System Administrator 3	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Cyber Database Administrator 2	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
Cyber Database Administrator 3	\$171.37	\$176.34	\$174.58	\$179.64	\$184.85	\$190.21
Cyber Functional Specialist 3	\$203.89	\$209.80	\$207.70	\$213.72	\$219.92	\$226.30
Cyber Programmer 1	\$88.56	\$91.13	\$90.22	\$92.84	\$95.53	\$98.30
Cyber Programmer 2	\$139.41	\$143.45	\$142.02	\$146.14	\$150.38	\$154.74
Cyber Programmer 3	\$188.73	\$194.20	\$192.26	\$197.84	\$203.58	\$209.48
Cyber Operations Manager	\$152.46	\$156.88	\$155.31	\$159.81	\$164.44	\$169.21
Cyber Data Architect	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Cyber Program Analyst	\$114.86	\$118.19	\$117.01	\$120.40	\$123.89	\$127.48
Cyber Application Architect	\$134.87	\$138.78	\$137.39	\$141.37	\$145.47	\$149.69
Cyber Application Systems Analyst	\$169.62	\$174.54	\$172.79	\$177.80	\$182.96	\$188.27
Cyber Security Specialist 1	\$113.09	\$116.37	\$115.21	\$118.55	\$121.99	\$125.53
Cyber Security Specialist 2	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38
Cyber Security Specialist 3	\$195.12	\$200.78	\$198.77	\$204.53	\$210.46	\$216.56
Cyber Network Administrator	\$152.46	\$156.88	\$155.31	\$159.81	\$164.44	\$169.21
Cyber Enterprise Architect	\$230.94	\$237.64	\$235.26	\$242.08	\$249.10	\$256.32
Cyber Training Specialist	\$152.46	\$156.88	\$155.31	\$159.81	\$164.44	\$169.21
Cyber Storage Administrator	\$144.50	\$148.69	\$147.20	\$151.47	\$155.86	\$160.38

*Note: Prices include the 0.75% Industrial Funding Fee (IFF).

2.4 SIN 518210C (formerly 132 40)

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.

2.4.1 Description of Cloud Computing Services SIN 518210C (formerly 132 40)

Business Automation Platform Offerings

Accenture is a leader in providing business process innovation and automation. The enterprise cloud technology business process automation platform is designed to offer every level of an organization, from individual programmatic offices to large agencies, streamlined access to, and support of, a comprehensive set of web-based business enablement services providing business process automation in areas such as customer support, sales support, case management, organizational resource management, business process mapping. Accenture’s business automation platform is a software as a service (SaaS) capability, hosted, managed, and maintained within a FedRAMP compliant cloud infrastructure.

2.4.1.1 Business Automate Platform Offerings & Pricing

Business Automation Platform (BAP) Offerings

Bundle Offering	SKU	Description	Unit	7/12/17 - 7/11/22
BAP Basic	BAPAFS-001	Cloud business automation platform hosted in a FedRamp environment. Includes production and sub-production environments, and access for 1-200 general users.	Monthly	\$39,127.78
BAP Basic+	BAPAFS-002	Cloud business automation platform hosted in a FedRamp environment. Includes production and sub-production environments, access for 1-600 general users.	Monthly	\$94,570.70
BAP Bronze Business	BAPAFS-003	Cloud business automation platform hosted in a FedRamp environment. Includes production and sub-production environments, access for 1-350 general users, and 1- 25 enterprise management users.	Monthly	\$69,288.18
BAP Bronze Security	BAPAFS-004	Cloud security management automation software-as-a-service hosted in a FedRamp environment. Includes access for 1-200 users and 1 - 4,999 devices.	Monthly	\$74,114.29

BAP Bronze ServiceWatch	BAPAFS-005	Cloud business automation platform platform hosted in a FedRamp environment. Includes production and sub-production environments, and access and enterprise automation for 1-250 users.	Monthly	\$59,826.22
BAP Silver Security	BAPAFS-006	Cloud security management automation software-as-a-service hosted in a FedRamp environment. Includes access for 1-350 users and 5000 - 24,999 devices.	Monthly	\$188,017.23
BAP Silver ServiceWatch	BAPAFS-007	Cloud business automation platform platform hosted in a FedRamp environment. Includes production and sub-production environments, and access for 1-350 users and device access automation for 1-500 devices.	Monthly	\$87,671.24
BAP Gold - SSW	BAPAFS-008	Cloud business automation platform and cloud security management service hosted in a FedRamp environment. Includes production and sub-production environments. Includes access for 1-350 users, enterprise automation for 1-500 devices, and security operations management for 1-24,999 devices.	Monthly	\$246,341.33
BAP Platinum	BAPAFS-009	Cloud business automation platform and cloud security management service hosted in a FedRamp environment. Includes production and sub-production environments. Includes access for 1-600 users, enterprise automation for 1-1,000 devices, and security operations management for 1-74,999 devices.	Monthly	\$641,186.71
BAP DS	BAPAFS-010	Cloud business automation platform hosted in a multi-tenant FedRamp environment. Includes access for 1-100 users.	Monthly	\$17,269.03
*Note: Prices shown herein are inclusive of the 0.75% IFF Fee.				

2.4.1.2 Platform/Infrastructure aaS Offerings & Pricing

Platform/Infrastructure as a Service (Paas/laaS) Cloud Bundles

Accenture is a leader in enterprise cloud application services as well as cloud professional services drawing upon top tier Cloud Service Providers (CSP) including AWS and Azure.

We help clients capitalize on the Cloud First mandate delivering solutions to help government rapidly migrate, develop and manage their operations in the cloud and achieve significant business results faster than before. Our solutions help government with architecting, operating, and managing workloads in the CSPs Continental United States (CONUS) regions while supporting US government compliance and regulatory requirements including FedRAMP, ITAR, SRG Levels 2 and 4, CJIS Security Policy and/or HIPAA.

We have significant reach-back to industry-leading cloud expertise to help government migrate to and run their business in Commercial Public and Government Community Clouds.

Our offerings provide commercial cloud solutions for government organizations. They are designed to be Cloud Service Provider (CSP) agnostic and can be used to allow application and mission owners to obtain commercial cloud hosting services. The cloud bundles provide a broad range of Platform/Infrastructure as a Service (Platform/laaS) solutions and agencies can obtain scalable computing resources on the cloud or get processing power for website or software applications. PaaS/laaS can help government realize cost savings, efficiencies, and modernization without having to expand existing infrastructure. Agencies can speed up acquisition of infrastructure services in the cloud, and save money by taking advantage of consumption based, compute resources or distributed relational database services (RDS) already running "in the cloud". The offerings are designed to simplify the setup, operation, and scaling of servers and databases no matter if program owners run single workloads or multitier applications. Our offerings support two deployment model options, Public and Government Community Cloud, providing government with the flexibility to choose based on the organization's security needs. NOTE: AFS does offer Private deployment models via a Statement of Work (SOW) or Statement of Objectives (SOO) using SIN 54151S for Professional Services.

Since the nature of the Private Cloud Deployment Model is one where the cloud infrastructure is provisioned for exclusive use by a single organization comprising multiple consumers (e.g., business units), it is usually owned, managed, and operated by the organization, a third party, or some combination of them, and it may exist on or off premises. Therefore, the acquisition model for private cloud is different than other deployment models. Procurements designed to buy cloud based on service model bundles would not be applicable. AFS can support private cloud requirements via a Statement of Work (SOW) or Statement of Objectives (SOO) using SIN 54151S for Professional Services.

Public Platform/Infrastructure as a Service (Paas/laaS) Cloud Bundles Pricelist

Infrastructure as a Service (laaS) Bundle Offerings - Compute

Bundle Offering	SKU	Description	Unit	7/12/17 - 7/11/22
General Purpose		General Purpose Virtual Machine Balanced CPU-to-memory ratio. Ideal for testing and development, small to medium databases, and low to medium traffic web servers."		
General Purpose	GP-1 Windows	General Purpose Compute VM Bundle - 1 vCPU, 3.5GB-3.75GB RAM, 4GB-50GB Disk, Windows OS	Hour	\$0.16
General Purpose	GP-2 Windows	General Purpose Compute VM Bundle - 2 vCPU, 7GB-7.5GB RAM, 32GB-100GB Disk, Windows OS	Hour	\$0.32
General Purpose	GP-3 Windows	General Purpose Compute VM Bundle - 4 vCPU, 14GB-15GB RAM, 80GB-200GB Disk, Windows OS	Hour	\$0.65
General Purpose	GP-4 Windows	General Purpose Compute VM Bundle - 8 vCPU, 28GB-30GB RAM, 160GB-400GB Disk, Windows OS	Hour	\$1.31
General Purpose	GP-5 Windows	General Purpose Compute VM Bundle - 16 vCPU, 56GB-64GB RAM, 800GB Disk, Windows OS	Hour	\$2.35

General Purpose	GP-1 RHEL	General Purpose Compute VM Bundle - 1 vCPU, 3.5GB-3.75GB RAM, 4GB-50GB Disk, RedHat Enterprise Linux OS	Hour	\$0.16
General Purpose	GP-2 RHEL	General Purpose Compute VM Bundle - 2 vCPU, 7GB-7.5GB RAM, 32GB-100GB Disk, RedHat Enterprise Linux OS	Hour	\$0.23
General Purpose	GP-3 RHEL	General Purpose Compute VM Bundle - 4 vCPU, 14GB-15GB RAM, 80GB-200GB Disk, RedHat Enterprise Linux OS	Hour	\$0.41
General Purpose	GP-4 RHEL	General Purpose Compute VM Bundle - 8 vCPU, 28GB-30GB RAM, 160GB-400GB Disk, RedHat Enterprise Linux OS	Hour	\$0.83
General Purpose	GP-5 RHEL	General Purpose Compute VM Bundle - 16 vCPU, 56GB-64GB RAM, 800GB Disk, RedHat Enterprise Linux OS	Hour	\$1.41
Compute Optimized		Compute Optimized Virtual Machine High CPU-to-memory ration. Good for medium traffic web servers, network appliances, batch processes, and application servers."		
Compute Optimized	CO-1 Windows	Compute Optimized Compute VM Bundle - 2 vCPU, 3.75GB-4GB RAM, 32GB Disk, Windows OS	Hour	\$0.23
Compute Optimized	CO-2 Windows	Compute Optimized Compute VM Bundle - 4 vCPU, 7.5GB-8GB RAM, 64GB-80GB Disk, Windows OS	Hour	\$0.48
Compute Optimized	CO-3 Windows	Compute Optimized Compute VM Bundle - 8 vCPU, 15GB-16GB RAM, 128GB-160GB Disk, Windows OS	Hour	\$0.97
Compute Optimized	CO-4 Windows	Compute Optimized Compute VM Bundle - 16 vCPU, 30GB-32GB RAM, 256GB-320GB Disk, Windows OS	Hour	\$1.94
Compute Optimized	CO-5 Windows	Compute Optimized Compute VM Bundle - 32 vCPU, 60GB RAM, 640GB Disk, Windows OS	Hour	\$3.79
Compute Optimized	CO-1 RHEL	Compute Optimized Compute VM Bundle - 2 vCPU, 3.75GB-4GB RAM, 32GB Disk, RedHat Enterprise Linux OS	Hour	\$0.21
Compute Optimized	CO-2 RHEL	Compute Optimized Compute VM Bundle - 4 vCPU, 7.5GB-8GB RAM, 64GB-80GB Disk, RedHat Enterprise Linux OS	Hour	\$0.33
Compute Optimized	CO-3 RHEL	Compute Optimized Compute VM Bundle - 8 vCPU, 15GB-16GB RAM, 128GB-160GB Disk, RedHat Enterprise Linux OS	Hour	\$0.69
Compute Optimized	CO-4 RHEL	Compute Optimized Compute VM Bundle - 16 vCPU, 30GB-32GB RAM, 256GB-320GB Disk, RedHat Enterprise Linux OS	Hour	\$1.23
Compute Optimized	CO-5 RHEL	Compute Optimized Compute VM Bundle - 32 vCPU, 60GB RAM, 640GB Disk, RedHat Enterprise Linux OS	Hour	\$2.28
Graphics Processing Unit		Graphics Processing Unit Virtual Machine Specialized virtual machines targeted for heavy graphic rendering and video editing available with single or multiple GPUs.		
Graphics Processing Unit	GPU-1 Windows	Graphics Processing Unit Compute VM Bundle - 4 vCPU, 61GB RAM, 25GB Disk, Windows OS	Hour	\$1.40
Graphics Processing Unit	GPU-2 Windows	Graphics Processing Unit Compute VM Bundle - 32 vCPU, 488GB RAM, 50GB Disk, Windows OS	Hour	\$11.10

Graphics Processing Unit	GPU-3 Windows	Graphics Processing Unit Compute VM Bundle - 64 vCPU, 732GB RAM, 100GB Disk, Windows OS	Hour	\$22.20
Graphics Processing Unit	GPU-1 RHEL	Graphics Processing Unit Compute VM Bundle - 4 vCPU, 61GB RAM, 25GB Disk, RedHat Enterprise Linux OS	Hour	\$1.24
Graphics Processing Unit	GPU-2 RHEL	Graphics Processing Unit Compute VM Bundle - 32 vCPU, 488GB RAM, 50GB Disk, RedHat Enterprise Linux OS	Hour	\$9.38
Graphics Processing Unit	GPU-3 RHEL	Graphics Processing Unit Compute VM Bundle - 64 vCPU, 732GB RAM, 100GB Disk, RedHat Enterprise Linux OS	Hour	\$18.61
Memory Optimized		Memory Optimized Virtual Machine High memory-to-core ratio. Great for relational database servers, medium to large caches, and in-memory analytics.		
Memory Optimized	MO-1 Windows	Memory Optimized Compute VM Bundle - 2 vCPU, 14GB-15GB RAM, 32GB-100GB Disk, Windows OS	Hour	\$0.37
Memory Optimized	MO-2 Windows	Memory Optimized Compute VM Bundle - 4 vCPU, 28GB-30.5GB RAM, 80GB-200GB Disk, Windows OS	Hour	\$0.73
Memory Optimized	MO-3 Windows	Memory Optimized Compute VM Bundle - 8 vCPU, 56GB-61GB RAM, 160GB-400GB Disk, Windows OS	Hour	\$1.32
Memory Optimized	MO-4 Windows	Memory Optimized Compute VM Bundle - 16 vCPU, 112GB-122GB RAM, 320GB-800GB Disk, Windows OS	Hour	\$2.44
Memory Optimized	MO-5 Windows	Memory Optimized Compute VM Bundle - 32 vCPU, 244GB RAM, 640GB Disk, Windows OS	Hour	\$4.40
Memory Optimized	MO-6 Windows	Memory Optimized Compute VM Bundle - 32 vCPU, 448GB RAM, 6144GB Disk, Windows OS	Hour	\$11.06
Memory Optimized	MO-7 Windows	Memory Optimized Compute VM Bundle - 64 vCPU, 488GB RAM, 7000GB Disk, Windows OS	Hour	\$10.43
Memory Optimized	MO-1 RHEL	Memory Optimized Compute VM Bundle - 2 vCPU, 14GB-15GB RAM, 32GB-100GB Disk, RedHat OS	Hour	\$0.27
Memory Optimized	MO-2 RHEL	Memory Optimized Compute VM Bundle - 4 vCPU, 28GB-30.5GB RAM, 80GB-200GB Disk, RedHat OS	Hour	\$0.48
Memory Optimized	MO-3 RHEL	Memory Optimized Compute VM Bundle - 8 vCPU, 56GB-61GB RAM, 160GB-400GB Disk, RedHat OS	Hour	\$1.00
Memory Optimized	MO-4 RHEL	Memory Optimized Compute VM Bundle - 16 vCPU, 112GB-122GB RAM, 320GB-800GB Disk, RedHat OS	Hour	\$1.83
Memory Optimized	MO-5 RHEL	Memory Optimized Compute VM Bundle - 32 vCPU, 244GB RAM, 640GB Disk, RedHat OS	Hour	\$3.52
Memory Optimized	MO-6 RHEL	Memory Optimized Compute VM Bundle - 32 vCPU, 448GB RAM, 6144GB Disk, RedHat OS	Hour	\$9.99
Memory Optimized	MO-7 RHEL	Memory Optimized Compute VM Bundle - 64 vCPU, 488GB RAM, 7000GB Disk, RedHat OS	Hour	\$6.84
Storage Optimized		Storage Optimized Virtual Machine High disk throughput and IO. Ideal for Big Data, SQL, and NoSQL databases.		
Storage Optimized	SO-1 Windows	Storage Optimized Compute VM Bundle - 2 vCPU, 15.25GB RAM, 475GB Disk, Windows OS	Hour	\$0.31
Storage Optimized	SO-2 Windows	Storage Optimized Compute VM Bundle - 4 vCPU, 30.5GB-32GB RAM, 678GB-950GB Disk, Windows OS	Hour	\$0.69

Storage Optimized	SO-3 Windows	Storage Optimized Compute VM Bundle - 8 vCPU, 61GB-64GB RAM, 1388GB-1900GB Disk, Windows OS	Hour	\$1.38
Storage Optimized	SO-4 Windows	Storage Optimized Compute VM Bundle - 16 vCPU, 122GB-128GB RAM, 2807GB-3800GB Disk, Windows OS	Hour	\$2.74
Storage Optimized	SO-5 Windows	Storage Optimized Compute VM Bundle - 32 vCPU, 244GB-256GB RAM, 5630GB-7600GB Disk, Windows OS	Hour	\$5.49
Storage Optimized	SO-6 Windows	Storage Optimized Compute VM Bundle - 64 vCPU, 488GB RAM, 15200GB Disk, Windows OS	Hour	\$9.98
Storage Optimized	SO-1 RHEL	Storage Optimized Compute VM Bundle - 2 vCPU, 15.25GB RAM, 475GB Disk, RedHat Enterprise Linux OS	Hour	\$0.26
Storage Optimized	SO-2 RHEL	Storage Optimized Compute VM Bundle - 4 vCPU, 30.5GB-32GB RAM, 678GB-950GB Disk, RedHat Enterprise Linux OS	Hour	\$0.49
Storage Optimized	SO-3 RHEL	Storage Optimized Compute VM Bundle - 8 vCPU, 61GB-64GB RAM, 1388GB-1900GB Disk, RedHat Enterprise Linux OS	Hour	\$1.02
Storage Optimized	SO-4 RHEL	Storage Optimized Compute VM Bundle - 16 vCPU, 122GB-128GB RAM, 2807GB-3800GB Disk, RedHat Enterprise Linux OS	Hour	\$1.88
Storage Optimized	SO-5 RHEL	Storage Optimized Compute VM Bundle - 32 vCPU, 244GB-256GB RAM, 5630GB-7600GB Disk, RedHat Enterprise Linux OS	Hour	\$3.63
Storage Optimized	SO-6 RHEL	Storage Optimized Compute VM Bundle - 64 vCPU, 488GB RAM, 15200GB Disk, RedHat Enterprise Linux OS	Hour	\$6.44

**Note: Prices shown herein are inclusive of the 0.75% IFF Fee.*

Infrastructure as a Service (IaaS) Bundle Offerings – Storage

Bundle Offering	SKU	Description	Unit	7/12/17 - 7/11/22
Blob Storage		Blob Storage Blob storage easily and cost-effectively stores from hundreds to billions of objects, in hot or cool tiers, depending on how often data access is needed. Store any type of unstructured data—images, videos, audio, documents, and more.		
Blob Storage	BS-1	IaaS Storage Bundle - Per GB of standard general purpose blob storage for 1,000GB - 50,000GB capacity	Hour	\$0.06
Blob Storage	BS-2	IaaS Storage Bundle - Per GB of standard general purpose blob storage for 51,000GB - 500,000GB capacity	Hour	\$0.05
Blob Storage	BS-3	IaaS Storage Bundle - Per GB of standard general purpose blob storage for over 500,000GB capacity	Hour	\$0.05

**Note: Prices shown herein are inclusive of the 0.75% IFF Fee.*

Infrastructure as a Service (IaaS) Bundle Offerings - Network

Bundle Offering	SKU	Description	Unit	7/12/17 - 7/11/22
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Direct Connect		Network Bandwidth Dedicated network connection between your network and one of the CSP locations. Using industry standard 802.1q VLANs, this dedicated connection can be partitioned into multiple virtual interfaces.		
Direct Connect	DC-1	Network Bundle - 50 Mbps Bandwidth	Month	\$69.19
Direct Connect	DC-2	Network Bundle - 100 Mbps Bandwidth	Month	\$125.76
Direct Connect	DC-3	Network Bundle - 200 Mbps Bandwidth	Month	\$182.37
Direct Connect	DC-4	Network Bundle - 500 Mbps Bandwidth	Month	\$364.75
Direct Connect	DC-5	Network Bundle - 1 Gbps Bandwidth	Month	\$548.37
Direct Connect	DC-6	Network Bundle - 10 Gbps Bandwidth	Month	\$6,288.70

**Note: Prices shown herein are inclusive of the 0.75% IFF Fee.*

Infrastructure as a Service (IaaS) Bundle Offerings - Database

Bundle Offering	SKU	Description	Unit	7/12/17 - 7/11/22
Relational Database Service		Relational Database Service (RDS) RDS allows you deploy multiple editions of Oracle Database in minutes with cost-efficient and re-sizable hardware capacity. You can bring existing Oracle licenses or pay for license usage by the hour. RDS frees you up to focus on application development by managing complex database administration tasks including provisioning, backups, patching, monitoring, and hardware scaling.		
Relational Database Service	RDB-1 Oracle Single AZ	Relational Database Service VM Bundle - 2 vCPU, 8GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$0.63
Relational Database Service	RDB-2 Oracle Single AZ	Relational Database Service VM Bundle - 2 vCPU, 8GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$0.73
Relational Database Service	RDB-3 Oracle Multi AZ	Relational Database Service VM Bundle - 2 vCPU, 8GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$1.26
Relational Database Service	RDB-4 Oracle Multi AZ	Relational Database Service VM Bundle - 2 vCPU, 8GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$1.46
Relational Database Service	RDB-5 Oracle Single AZ	Relational Database Service VM Bundle - 4 vCPU, 16GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$1.16

Relational Database Service	RDB-6 Oracle Single AZ	Relational Database Service VM Bundle - 4 vCPU, 16GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$1.26
Relational Database Service	RDB-7 Oracle Multi AZ	Relational Database Service VM Bundle - 4 vCPU, 16GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$2.30
Relational Database Service	RDB-8 Oracle Multi AZ	Relational Database Service VM Bundle - 4 vCPU, 16GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$2.52
Relational Database Service	RDB-9 Oracle Single AZ	Relational Database Service VM Bundle - 8 vCPU, 32GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$2.21
Relational Database Service	RDB-10 Oracle Single AZ	Relational Database Service VM Bundle - 8 vCPU, 32GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$2.30
Relational Database Service	RDB-11 Oracle Multi AZ	Relational Database Service VM Bundle - 8 vCPU, 32GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$4.40
Relational Database Service	RDB-12 Oracle Multi AZ	Relational Database Service VM Bundle - 8 vCPU, 32GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$4.60
Relational Database Service	RDB-13 Oracle Single AZ	Relational Database Service VM Bundle - 16 vCPU, 64GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$4.30
Relational Database Service	RDB-14 Oracle Single AZ	Relational Database Service VM Bundle - 16 vCPU, 64GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$4.40
Relational Database Service	RDB-15 Oracle Multi AZ	Relational Database Service VM Bundle - 16 vCPU, 64GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$8.61
Relational Database Service	RDB-16 Oracle Multi AZ	Relational Database Service VM Bundle - 16 vCPU, 64GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$8.82
Relational Database Service	RDB-17 Oracle Single AZ	Relational Database Service VM Bundle - 2 vCPU, 15GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$0.68
Relational Database Service	RDB-18 Oracle Single AZ	Relational Database Service VM Bundle - 2 vCPU, 15GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$0.78
Relational Database Service	RDB-19 Oracle Multi AZ	Relational Database Service VM Bundle - 2 vCPU, 15GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$1.36
Relational Database Service	RDB-20 Oracle Multi AZ	Relational Database Service VM Bundle - 2 vCPU, 15GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$1.55

Relational Database Service	RDB-21 Oracle Single AZ	Relational Database Service VM Bundle - 4 vCPU, 30.5GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$1.27
Relational Database Service	RDB-22 Oracle Single AZ	Relational Database Service VM Bundle - 4 vCPU, 30.5GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$1.36
Relational Database Service	RDB-23 Oracle Multi AZ	Relational Database Service VM Bundle - 4 vCPU, 30.5GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$2.54
Relational Database Service	RDB-24 Oracle Multi AZ	Relational Database Service VM Bundle - 4 vCPU, 30.5GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$2.73
Relational Database Service	RDB-25 Oracle Single AZ	Relational Database Service VM Bundle - 8 vCPU, 61GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$2.42
Relational Database Service	RDB-26 Oracle Single AZ	Relational Database Service VM Bundle - 8 vCPU, 61GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$2.54
Relational Database Service	RDB-27 Oracle Multi AZ	Relational Database Service VM Bundle - 8 vCPU, 61GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$4.85
Relational Database Service	RDB-28 Oracle Multi AZ	Relational Database Service VM Bundle - 8 vCPU, 61GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$5.06
Relational Database Service	RDB-29 Oracle Single AZ	Relational Database Service VM Bundle - 16 vCPU, 122GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$4.76
Relational Database Service	RDB-30 Oracle Single AZ	Relational Database Service VM Bundle - 16 vCPU, 122GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$4.85
Relational Database Service	RDB-31 Oracle Multi AZ	Relational Database Service VM Bundle - 16 vCPU, 122GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$9.51
Relational Database Service	RDB-32 Oracle Multi AZ	Relational Database Service VM Bundle - 16 vCPU, 122GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$9.70

**Note: Prices shown herein are inclusive of the 0.75% IFF Fee.*

Government Community Platform/Infrastructure as a Service (Paas/IaaS) Cloud Bundles Pricelist

Infrastructure as a Service (IaaS) Bundle Offerings - Compute

Bundle Offering	SKU	Description	Unit	7/12/17 - 7/11/22
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General Purpose (GovCloud)		General Purpose Virtual Machine - U.S. Government Community Cloud Balanced CPU-to-memory ratio. Ideal for testing and development, small to medium databases, and low to medium traffic web servers.		
General Purpose (GovCloud)	GP-1 Windows (GC)	General Purpose Compute VM Bundle - 1 vCPU, 3.5GB-3.75GB RAM, 4GB-50GB Disk, Windows OS	Hour	\$0.19
General Purpose (GovCloud)	GP-2 Windows (GC)	General Purpose Compute VM Bundle - 2 vCPU, 7GB-7.5GB RAM, 32GB-100GB Disk, Windows OS	Hour	\$0.39
General Purpose (GovCloud)	GP-3 Windows (GC)	General Purpose Compute VM Bundle - 4 vCPU, 14GB-15GB RAM, 80GB-200GB Disk, Windows OS	Hour	\$0.77
General Purpose (GovCloud)	GP-4 Windows (GC)	General Purpose Compute VM Bundle - 8 vCPU, 28GB-30GB RAM, 160GB-400GB Disk, Windows OS	Hour	\$1.54
General Purpose (GovCloud)	GP-5 Windows (GC)	General Purpose Compute VM Bundle - 16 vCPU, 56GB-64GB RAM, 800GB Disk, Windows OS	Hour	\$2.94
General Purpose (GovCloud)	GP-1 RHEL (GC)	General Purpose Compute VM Bundle - 1 vCPU, 3.5GB-3.75GB RAM, 4GB-50GB Disk, RedHat OS	Hour	\$0.17
General Purpose (GovCloud)	GP-2 RHEL (GC)	General Purpose Compute VM Bundle - 2 vCPU, 7GB-7.5GB RAM, 32GB-100GB Disk, RedHat OS	Hour	\$0.27
General Purpose (GovCloud)	GP-3 RHEL (GC)	General Purpose Compute VM Bundle - 4 vCPU, 14GB-15GB RAM, 80GB-200GB Disk, RedHat OS	Hour	\$0.49
General Purpose (GovCloud)	GP-4 RHEL (GC)	General Purpose Compute VM Bundle - 8 vCPU, 28GB-30GB RAM, 160GB-400GB Disk, RedHat OS	Hour	\$1.00
General Purpose (GovCloud)	GP-5 RHEL (GC)	General Purpose Compute VM Bundle - 16 vCPU, 56GB-64GB RAM, 800GB Disk, RedHat OS	Hour	\$1.71
Compute Optimized (GovCloud)		Compute Optimized Virtual Machine - U.S. Government Community Cloud High CPU-to-memory ration. Good for medium traffic web servers, network appliances, batch processes, and application servers.		
Compute Optimized (GovCloud)	CO-1 Windows (GC)	Compute Optimized Compute VM Bundle - 2 vCPU, 3.75GB-4GB RAM, 32GB Disk, Windows OS	Hour	\$0.25
Compute Optimized (GovCloud)	CO-2 Windows (GC)	Compute Optimized Compute VM Bundle - 4 vCPU, 7.5GB-8GB RAM, 64GB-80GB Disk, Windows OS	Hour	\$0.52
Compute Optimized (GovCloud)	CO-3 Windows (GC)	Compute Optimized Compute VM Bundle - 8 vCPU, 15GB-16GB RAM, 128GB-160GB Disk, Windows OS	Hour	\$1.08
Compute Optimized (GovCloud)	CO-4 Windows (GC)	Compute Optimized Compute VM Bundle - 16 vCPU, 30GB-32GB RAM, 256GB-320GB Disk, Windows OS	Hour	\$2.13

Compute Optimized (GovCloud)	CO-5 Windows (GC)	Compute Optimized Compute VM Bundle - 32 vCPU, 60GB RAM, 640GB Disk, Windows OS	Hour	\$4.20
Compute Optimized (GovCloud)	CO-1 RHEL (GC)	Compute Optimized Compute VM Bundle - 2 vCPU, 3.75GB-4GB RAM, 32GB Disk, RedHat OS	Hour	\$0.23
Compute Optimized (GovCloud)	CO-2 RHEL (GC)	Compute Optimized Compute VM Bundle - 4 vCPU, 7.5GB-8GB RAM, 64GB-80GB Disk, RedHat OS	Hour	\$0.39
Compute Optimized (GovCloud)	CO-3 RHEL (GC)	Compute Optimized Compute VM Bundle - 8 vCPU, 15GB-16GB RAM, 128GB-160GB Disk, RedHat OS	Hour	\$0.80
Compute Optimized (GovCloud)	CO-4 RHEL (GC)	Compute Optimized Compute VM Bundle - 16 vCPU, 30GB-32GB RAM, 256GB-320GB Disk, RedHat OS	Hour	\$1.43
Compute Optimized (GovCloud)	CO-5 RHEL (GC)	Compute Optimized Compute VM Bundle - 32 vCPU, 60GB RAM, 640GB Disk, RedHat OS	Hour	\$2.71
Graphics Processing Unit (GovCloud)		Graphics Processing Unit Virtual Machine - U.S. Government Community Cloud Specialized virtual machines targeted for heavy graphic rendering and video editing available with single or multiple GPUs.		
Graphics Processing Unit (GovCloud)	GPU-1 Windows (GC)	Graphics Processing Unit Compute VM Bundle - 4 vCPU, 61GB RAM, 25GB Disk, Windows OS	Hour	\$1.62
Graphics Processing Unit (GovCloud)	GPU-2 Windows (GC)	Graphics Processing Unit Compute VM Bundle - 32 vCPU, 488GB RAM, 50GB Disk, Windows OS	Hour	\$12.96
Graphics Processing Unit (GovCloud)	GPU-3 Windows (GC)	Graphics Processing Unit Compute VM Bundle - 64 vCPU, 732GB RAM, 100GB Disk, Windows OS	Hour	\$25.89
Graphics Processing Unit (GovCloud)	GPU-1 RHEL (GC)	Graphics Processing Unit Compute VM Bundle - 4 vCPU, 61GB RAM, 25GB Disk, RedHat OS	Hour	\$1.46
Graphics Processing Unit (GovCloud)	GPU-2 RHEL (GC)	Graphics Processing Unit Compute VM Bundle - 32 vCPU, 488GB RAM, 50GB Disk, RedHat OS	Hour	\$11.24
Graphics Processing Unit (GovCloud)	GPU-3 RHEL (GC)	Graphics Processing Unit Compute VM Bundle - 64 vCPU, 732GB RAM, 100GB Disk, RedHat OS	Hour	\$22.29
Memory Optimized (GovCloud)		Memory Optimized Virtual Machine - U.S. Government Community Cloud High memory-to-core ratio. Great for relational database servers, medium to large caches, and in-memory analytics.		

Memory Optimized (GovCloud)	MO-1 Windows (GC)	Memory Optimized Compute VM Bundle - 2 vCPU, 14GB-15GB RAM, 32GB-100GB Disk, Windows OS	Hour	\$0.45
Memory Optimized (GovCloud)	MO-2 Windows (GC)	Memory Optimized Compute VM Bundle - 4 vCPU, 28GB-30.5GB RAM, 80GB-200GB Disk, Windows OS	Hour	\$0.92
Memory Optimized (GovCloud)	MO-3 Windows (GC)	Memory Optimized Compute VM Bundle - 8 vCPU, 56GB-61GB RAM, 160GB-400GB Disk, Windows OS	Hour	\$1.64
Memory Optimized (GovCloud)	MO-4 Windows (GC)	Memory Optimized Compute VM Bundle - 16 vCPU, 112GB-122GB RAM, 320GB-800GB Disk, Windows OS	Hour	\$3.05
Memory Optimized (GovCloud)	MO-5 Windows (GC)	Memory Optimized Compute VM Bundle - 32 vCPU, 244GB RAM, 640GB Disk, Windows OS	Hour	\$5.10
Memory Optimized (GovCloud)	MO-6 Windows (GC)	Memory Optimized Compute VM Bundle - 32 vCPU, 448GB RAM, 6144GB Disk, Windows OS	Hour	\$13.81
Memory Optimized (GovCloud)	MO-7 Windows (GC)	Memory Optimized Compute VM Bundle - 64 vCPU, 488GB RAM, 7000GB Disk, Windows OS	Hour	\$11.76
Memory Optimized (GovCloud)	MO-1 RHEL (GC)	Memory Optimized Compute VM Bundle - 2 vCPU, 14GB-15GB RAM, 32GB-100GB Disk, RedHat OS	Hour	\$0.32
Memory Optimized (GovCloud)	MO-2 RHEL (GC)	Memory Optimized Compute VM Bundle - 4 vCPU, 28GB-30.5GB RAM, 80GB-200GB Disk, RedHat OS	Hour	\$0.58
Memory Optimized (GovCloud)	MO-3 RHEL (GC)	Memory Optimized Compute VM Bundle - 8 vCPU, 56GB-61GB RAM, 160GB-400GB Disk, RedHat OS	Hour	\$1.17
Memory Optimized (GovCloud)	MO-4 RHEL (GC)	Memory Optimized Compute VM Bundle - 16 vCPU, 112GB-122GB RAM, 320GB-800GB Disk, RedHat OS	Hour	\$2.17
Memory Optimized (GovCloud)	MO-5 RHEL (GC)	Memory Optimized Compute VM Bundle - 32 vCPU, 244GB RAM, 640GB Disk, RedHat OS	Hour	\$4.18
Memory Optimized (GovCloud)	MO-6 RHEL (GC)	Memory Optimized Compute VM Bundle - 32 vCPU, 448GB RAM, 6144GB Disk, RedHat OS	Hour	\$12.47
Memory Optimized (GovCloud)	MO-7 RHEL (GC)	Memory Optimized Compute VM Bundle - 64 vCPU, 488GB RAM, 7000GB Disk, RedHat OS	Hour	\$8.17
Storage Optimized (GovCloud)		Storage Optimized Virtual Machine - U.S. Government Community Cloud High disk throughput and IO. Ideal for Big Data, SQL, and NoSQL databases.		
Storage Optimized (GovCloud)	SO-1 Windows (GC)	Storage Optimized Compute VM Bundle - 2 vCPU, 15.25GB RAM, 475GB Disk, Windows OS	Hour	\$0.35
Storage Optimized (GovCloud)	SO-2 Windows (GC)	Storage Optimized Compute VM Bundle - 4 vCPU, 30.5GB-32GB RAM, 678GB-950GB Disk, Windows OS	Hour	\$0.71

Storage Optimized (GovCloud)	SO-3 Windows (GC)	Storage Optimized Compute VM Bundle - 8 vCPU, 61GB-64GB RAM, 1388GB-1900GB Disk, Windows OS	Hour	\$1.41
Storage Optimized (GovCloud)	SO-4 Windows (GC)	Storage Optimized Compute VM Bundle - 16 vCPU, 122GB-128GB RAM, 2807GB-3800GB Disk, Windows OS	Hour	\$2.82
Storage Optimized (GovCloud)	SO-5 Windows (GC)	Storage Optimized Compute VM Bundle - 32 vCPU, 244GB-256GB RAM, 5630GB-7600GB Disk, Windows OS	Hour	\$5.63
Storage Optimized (GovCloud)	SO-6 Windows (GC)	Storage Optimized Compute VM Bundle - 64 vCPU, 488GB RAM, 15200GB Disk, Windows OS	Hour	\$11.27
Storage Optimized (GovCloud)	SO-1 RHEL (GC)	Storage Optimized Compute VM Bundle - 2 vCPU, 15.25GB RAM, 475GB Disk, RedHat OS	Hour	\$0.31
Storage Optimized (GovCloud)	SO-2 RHEL (GC)	Storage Optimized Compute VM Bundle - 4 vCPU, 30.5GB-32GB RAM, 678GB-950GB Disk, RedHat OS	Hour	\$0.55
Storage Optimized (GovCloud)	SO-3 RHEL (GC)	Storage Optimized Compute VM Bundle - 8 vCPU, 61GB-64GB RAM, 1388GB-1900GB Disk, RedHat OS	Hour	\$1.12
Storage Optimized (GovCloud)	SO-4 RHEL (GC)	Storage Optimized Compute VM Bundle - 16 vCPU, 122GB-128GB RAM, 2807GB-3800GB Disk, RedHat OS	Hour	\$2.06
Storage Optimized (GovCloud)	SO-5 RHEL (GC)	Storage Optimized Compute VM Bundle - 32 vCPU, 244GB-256GB RAM, 5630GB-7600GB Disk, RedHat OS	Hour	\$3.96
Storage Optimized (GovCloud)	SO-6 RHEL (GC)	Storage Optimized Compute VM Bundle - 64 vCPU, 488GB RAM, 15200GB Disk, RedHat OS	Hour	\$7.74

*Note: Prices shown herein are inclusive of the 0.75% IFF Fee.

Infrastructure as a Service (IaaS) Bundle Offerings - Storage

Bundle Offering	SKU	Description	Unit	7/12/17 - 7/11/22
Blob Storage (GovCloud)		Blob Storage - U.S. Government Community Cloud Blob storage easily and cost-effectively stores from hundreds to billions of objects, in hot or cool tiers, depending on how often data access is needed. Store any type of unstructured data—images, videos, audio, documents, and more.		
Blob Storage (GovCloud)	BS-1 (GC)	IaaS Storage Bundle - Per GB of standard general purpose blob storage for 1,000GB - 50,000GB capacity	Hour	\$0.09
Blob Storage (GovCloud)	BS-2 (GC)	IaaS Storage Bundle - Per GB of standard general purpose blob storage for 51,000GB - 500,000GB capacity	Hour	\$0.09
Blob Storage (GovCloud)	BS-3 (GC)	IaaS Storage Bundle - Per GB of standard general purpose blob storage for over 500,000GB capacity	Hour	\$0.09

*Note: Prices shown herein are inclusive of the 0.75% IFF Fee.

Infrastructure as a Service (IaaS) Bundle Offerings - Network

Bundle	SKU	Description	Unit	7/12/17 -
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Offering				7/11/22
Direct Connect		Network Bandwidth Dedicated network connection between your network and one of the CSP locations. Using industry standard 802.1q VLANs, this dedicated connection can be partitioned into multiple virtual interfaces.		
Direct Connect	DC-1	Network Bundle - 50 Mbps Bandwidth	Month	\$69.19
Direct Connect	DC-2	Network Bundle - 100 Mbps Bandwidth	Month	\$125.76
Direct Connect	DC-3	Network Bundle - 200 Mbps Bandwidth	Month	\$182.37
Direct Connect	DC-4	Network Bundle - 500 Mbps Bandwidth	Month	\$364.75
Direct Connect	DC-5	Network Bundle - 1 Gbps Bandwidth	Month	\$548.37
Direct Connect	DC-6	Network Bundle - 10 Gbps Bandwidth	Month	\$6,288.70

**Note: Prices shown herein are inclusive of the 0.75% IFF Fee.*

Infrastructure as a Service (IaaS) Bundle Offerings - Database

Bundle Offering	SKU	Description	Unit	7/12/17 - 7/11/22
Relational Database Service		Relational Database Service (RDS) RDS allows you deploy multiple editions of Oracle Database in minutes with cost-efficient and re-sizable hardware capacity. You can bring existing Oracle licenses or pay for license usage by the hour. RDS frees you up to focus on application development by managing complex database administration tasks including provisioning, backups, patching, monitoring, and hardware scaling.		
Relational Database Service	RDB-1 Oracle Single AZ	Relational Database Service VM Bundle - 2 vCPU, 8GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$0.63
Relational Database Service	RDB-2 Oracle Single AZ	Relational Database Service VM Bundle - 2 vCPU, 8GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$0.73
Relational Database Service	RDB-3 Oracle Multi AZ	Relational Database Service VM Bundle - 2 vCPU, 8GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$1.26
Relational Database Service	RDB-4 Oracle Multi AZ	Relational Database Service VM Bundle - 2 vCPU, 8GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$1.46
Relational Database Service	RDB-5 Oracle Single AZ	Relational Database Service VM Bundle - 4 vCPU, 16GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$1.16
Relational Database Service	RDB-6 Oracle Single AZ	Relational Database Service VM Bundle - 4 vCPU, 16GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$1.26

Relational Database Service	RDB-7 Oracle Multi AZ	Relational Database Service VM Bundle - 4 vCPU, 16GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$2.30
Relational Database Service	RDB-8 Oracle Multi AZ	Relational Database Service VM Bundle - 4 vCPU, 16GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$2.52
Relational Database Service	RDB-9 Oracle Single AZ	Relational Database Service VM Bundle - 8 vCPU, 32GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$2.21
Relational Database Service	RDB-10 Oracle Single AZ	Relational Database Service VM Bundle - 8 vCPU, 32GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$2.30
Relational Database Service	RDB-11 Oracle Multi AZ	Relational Database Service VM Bundle - 8 vCPU, 32GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$4.40
Relational Database Service	RDB-12 Oracle Multi AZ	Relational Database Service VM Bundle - 8 vCPU, 32GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$4.60
Relational Database Service	RDB-13 Oracle Single AZ	Relational Database Service VM Bundle - 16 vCPU, 64GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$4.30
Relational Database Service	RDB-14 Oracle Single AZ	Relational Database Service VM Bundle - 16 vCPU, 64GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$4.40
Relational Database Service	RDB-15 Oracle Multi AZ	Relational Database Service VM Bundle - 16 vCPU, 64GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$8.61
Relational Database Service	RDB-16 Oracle Multi AZ	Relational Database Service VM Bundle - 16 vCPU, 64GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$8.82
Relational Database Service	RDB-17 Oracle Single AZ	Relational Database Service VM Bundle - 2 vCPU, 15GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$0.68
Relational Database Service	RDB-18 Oracle Single AZ	Relational Database Service VM Bundle - 2 vCPU, 15GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$0.78
Relational Database Service	RDB-19 Oracle Multi AZ	Relational Database Service VM Bundle - 2 vCPU, 15GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$1.36
Relational Database Service	RDB-20 Oracle Multi AZ	Relational Database Service VM Bundle - 2 vCPU, 15GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$1.55
Relational Database Service	RDB-21 Oracle Single AZ	Relational Database Service VM Bundle - 4 vCPU, 30.5GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$1.27
Relational Database Service	RDB-22 Oracle Single AZ	Relational Database Service VM Bundle - 4 vCPU, 30.5GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$1.36
Relational Database Service	RDB-23 Oracle Multi AZ	Relational Database Service VM Bundle - 4 vCPU, 30.5GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$2.54

Relational Database Service	RDB-24 Oracle Multi AZ	Relational Database Service VM Bundle - 4 vCPU, 30.5GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$2.73
Relational Database Service	RDB-25 Oracle Single AZ	Relational Database Service VM Bundle - 8 vCPU, 61GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$2.42
Relational Database Service	RDB-26 Oracle Single AZ	Relational Database Service VM Bundle - 8 vCPU, 61GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$2.54
Relational Database Service	RDB-27 Oracle Multi AZ	Relational Database Service VM Bundle - 8 vCPU, 61GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$4.85
Relational Database Service	RDB-28 Oracle Multi AZ	Relational Database Service VM Bundle - 8 vCPU, 61GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$5.06
Relational Database Service	RDB-29 Oracle Single AZ	Relational Database Service VM Bundle - 16 vCPU, 122GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$4.76
Relational Database Service	RDB-30 Oracle Single AZ	Relational Database Service VM Bundle - 16 vCPU, 122GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$4.85
Relational Database Service	RDB-31 Oracle Multi AZ	Relational Database Service VM Bundle - 16 vCPU, 122GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$9.51
Relational Database Service	RDB-32 Oracle Multi AZ	Relational Database Service VM Bundle - 16 vCPU, 122GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$9.70

**Note: Prices shown herein are inclusive of the 0.75% IFF Fee.*

Government Community Platform/Infrastructure as a Service (Paas/IaaS) Cloud Bundles Pricelist

Infrastructure as a Service (IaaS) Bundle Offerings - Compute

Bundle Offering	SKU	Description	Unit	7/12/17 - 7/11/22
General Purpose (GovCloud)		General Purpose Virtual Machine - U.S. Government Community Cloud Balanced CPU-to-memory ratio. Ideal for testing and development, small to medium databases, and low to medium traffic web servers.		
General Purpose (GovCloud)	GP-1 Windows (GC)	General Purpose Compute VM Bundle - 1 vCPU, 3.5GB-3.75GB RAM, 4GB-50GB Disk, Windows OS	Hour	\$0.19
General Purpose (GovCloud)	GP-2 Windows (GC)	General Purpose Compute VM Bundle - 2 vCPU, 7GB-7.5GB RAM, 32GB-100GB Disk, Windows OS	Hour	\$0.39
General Purpose (GovCloud)	GP-3 Windows (GC)	General Purpose Compute VM Bundle - 4 vCPU, 14GB-15GB RAM, 80GB-200GB Disk, Windows OS	Hour	\$0.77

General Purpose (GovCloud)	GP-4 Windows (GC)	General Purpose Compute VM Bundle - 8 vCPU, 28GB-30GB RAM, 160GB-400GB Disk, Windows OS	Hour	\$1.54
General Purpose (GovCloud)	GP-5 Windows (GC)	General Purpose Compute VM Bundle - 16 vCPU, 56GB-64GB RAM, 800GB Disk, Windows OS	Hour	\$2.94
General Purpose (GovCloud)	GP-1 RHEL (GC)	General Purpose Compute VM Bundle - 1 vCPU, 3.5GB-3.75GB RAM, 4GB-50GB Disk, RedHat OS	Hour	\$0.17
General Purpose (GovCloud)	GP-2 RHEL (GC)	General Purpose Compute VM Bundle - 2 vCPU, 7GB-7.5GB RAM, 32GB-100GB Disk, RedHat OS	Hour	\$0.27
General Purpose (GovCloud)	GP-3 RHEL (GC)	General Purpose Compute VM Bundle - 4 vCPU, 14GB-15GB RAM, 80GB-200GB Disk, RedHat OS	Hour	\$0.49
General Purpose (GovCloud)	GP-4 RHEL (GC)	General Purpose Compute VM Bundle - 8 vCPU, 28GB-30GB RAM, 160GB-400GB Disk, RedHat OS	Hour	\$1.00
General Purpose (GovCloud)	GP-5 RHEL (GC)	General Purpose Compute VM Bundle - 16 vCPU, 56GB-64GB RAM, 800GB Disk, RedHat OS	Hour	\$1.71
Compute Optimized (GovCloud)		Compute Optimized Virtual Machine - U.S. Government Community Cloud High CPU-to-memory ration. Good for medium traffic web servers, network appliances, batch processes, and application servers.		
Compute Optimized (GovCloud)	CO-1 Windows (GC)	Compute Optimized Compute VM Bundle - 2 vCPU, 3.75GB-4GB RAM, 32GB Disk, Windows OS	Hour	\$0.25
Compute Optimized (GovCloud)	CO-2 Windows (GC)	Compute Optimized Compute VM Bundle - 4 vCPU, 7.5GB-8GB RAM, 64GB-80GB Disk, Windows OS	Hour	\$0.52
Compute Optimized (GovCloud)	CO-3 Windows (GC)	Compute Optimized Compute VM Bundle - 8 vCPU, 15GB-16GB RAM, 128GB-160GB Disk, Windows OS	Hour	\$1.08
Compute Optimized (GovCloud)	CO-4 Windows (GC)	Compute Optimized Compute VM Bundle - 16 vCPU, 30GB-32GB RAM, 256GB-320GB Disk, Windows OS	Hour	\$2.13
Compute Optimized (GovCloud)	CO-5 Windows (GC)	Compute Optimized Compute VM Bundle - 32 vCPU, 60GB RAM, 640GB Disk, Windows OS	Hour	\$4.20
Compute Optimized (GovCloud)	CO-1 RHEL (GC)	Compute Optimized Compute VM Bundle - 2 vCPU, 3.75GB-4GB RAM, 32GB Disk, RedHat OS	Hour	\$0.23
Compute Optimized (GovCloud)	CO-2 RHEL (GC)	Compute Optimized Compute VM Bundle - 4 vCPU, 7.5GB-8GB RAM, 64GB-80GB Disk, RedHat OS	Hour	\$0.39
Compute Optimized (GovCloud)	CO-3 RHEL (GC)	Compute Optimized Compute VM Bundle - 8 vCPU, 15GB-16GB RAM, 128GB-160GB Disk, RedHat OS	Hour	\$0.80

Compute Optimized (GovCloud)	CO-4 RHEL (GC)	Compute Optimized Compute VM Bundle - 16 vCPU, 30GB-32GB RAM, 256GB-320GB Disk, RedHat OS	Hour	\$1.43
Compute Optimized (GovCloud)	CO-5 RHEL (GC)	Compute Optimized Compute VM Bundle - 32 vCPU, 60GB RAM, 640GB Disk, RedHat OS	Hour	\$2.71
Graphics Processing Unit (GovCloud)		Graphics Processing Unit Virtual Machine - U.S. Government Community Cloud Specialized virtual machines targeted for heavy graphic rendering and video editing available with single or multiple GPUs.		
Graphics Processing Unit (GovCloud)	GPU-1 Windows (GC)	Graphics Processing Unit Compute VM Bundle - 4 vCPU, 61GB RAM, 25GB Disk, Windows OS	Hour	\$1.62
Graphics Processing Unit (GovCloud)	GPU-2 Windows (GC)	Graphics Processing Unit Compute VM Bundle - 32 vCPU, 488GB RAM, 50GB Disk, Windows OS	Hour	\$12.96
Graphics Processing Unit (GovCloud)	GPU-3 Windows (GC)	Graphics Processing Unit Compute VM Bundle - 64 vCPU, 732GB RAM, 100GB Disk, Windows OS	Hour	\$25.89
Graphics Processing Unit (GovCloud)	GPU-1 RHEL (GC)	Graphics Processing Unit Compute VM Bundle - 4 vCPU, 61GB RAM, 25GB Disk, RedHat OS	Hour	\$1.46
Graphics Processing Unit (GovCloud)	GPU-2 RHEL (GC)	Graphics Processing Unit Compute VM Bundle - 32 vCPU, 488GB RAM, 50GB Disk, RedHat OS	Hour	\$11.24
Graphics Processing Unit (GovCloud)	GPU-3 RHEL (GC)	Graphics Processing Unit Compute VM Bundle - 64 vCPU, 732GB RAM, 100GB Disk, RedHat OS	Hour	\$22.29
Memory Optimized (GovCloud)		Memory Optimized Virtual Machine - U.S. Government Community Cloud High memory-to-core ratio. Great for relational database servers, medium to large caches, and in-memory analytics.		
Memory Optimized (GovCloud)	MO-1 Windows (GC)	Memory Optimized Compute VM Bundle - 2 vCPU, 14GB-15GB RAM, 32GB-100GB Disk, Windows OS	Hour	\$0.45
Memory Optimized (GovCloud)	MO-2 Windows (GC)	Memory Optimized Compute VM Bundle - 4 vCPU, 28GB-30.5GB RAM, 80GB-200GB Disk, Windows OS	Hour	\$0.92
Memory Optimized (GovCloud)	MO-3 Windows (GC)	Memory Optimized Compute VM Bundle - 8 vCPU, 56GB-61GB RAM, 160GB-400GB Disk, Windows OS	Hour	\$1.64
Memory Optimized (GovCloud)	MO-4 Windows (GC)	Memory Optimized Compute VM Bundle - 16 vCPU, 112GB-122GB RAM, 320GB-800GB Disk, Windows OS	Hour	\$3.05

Memory Optimized (GovCloud)	MO-5 Windows (GC)	Memory Optimized Compute VM Bundle - 32 vCPU, 244GB RAM, 640GB Disk, Windows OS	Hour	\$5.10
Memory Optimized (GovCloud)	MO-6 Windows (GC)	Memory Optimized Compute VM Bundle - 32 vCPU, 448GB RAM, 6144GB Disk, Windows OS	Hour	\$13.81
Memory Optimized (GovCloud)	MO-7 Windows (GC)	Memory Optimized Compute VM Bundle - 64 vCPU, 488GB RAM, 7000GB Disk, Windows OS	Hour	\$11.76
Memory Optimized (GovCloud)	MO-1 RHEL (GC)	Memory Optimized Compute VM Bundle - 2 vCPU, 14GB-15GB RAM, 32GB-100GB Disk, RedHat OS	Hour	\$0.32
Memory Optimized (GovCloud)	MO-2 RHEL (GC)	Memory Optimized Compute VM Bundle - 4 vCPU, 28GB-30.5GB RAM, 80GB-200GB Disk, RedHat OS	Hour	\$0.58
Memory Optimized (GovCloud)	MO-3 RHEL (GC)	Memory Optimized Compute VM Bundle - 8 vCPU, 56GB-61GB RAM, 160GB-400GB Disk, RedHat OS	Hour	\$1.17
Memory Optimized (GovCloud)	MO-4 RHEL (GC)	Memory Optimized Compute VM Bundle - 16 vCPU, 112GB-122GB RAM, 320GB-800GB Disk, RedHat OS	Hour	\$2.17
Memory Optimized (GovCloud)	MO-5 RHEL (GC)	Memory Optimized Compute VM Bundle - 32 vCPU, 244GB RAM, 640GB Disk, RedHat OS	Hour	\$4.18
Memory Optimized (GovCloud)	MO-6 RHEL (GC)	Memory Optimized Compute VM Bundle - 32 vCPU, 448GB RAM, 6144GB Disk, RedHat OS	Hour	\$12.47
Memory Optimized (GovCloud)	MO-7 RHEL (GC)	Memory Optimized Compute VM Bundle - 64 vCPU, 488GB RAM, 7000GB Disk, RedHat OS	Hour	\$8.17
Storage Optimized (GovCloud)		Storage Optimized Virtual Machine - U.S. Government Community Cloud High disk throughput and IO. Ideal for Big Data, SQL, and NoSQL databases.		
Storage Optimized (GovCloud)	SO-1 Windows (GC)	Storage Optimized Compute VM Bundle - 2 vCPU, 15.25GB RAM, 475GB Disk, Windows OS	Hour	\$0.35
Storage Optimized (GovCloud)	SO-2 Windows (GC)	Storage Optimized Compute VM Bundle - 4 vCPU, 30.5GB-32GB RAM, 678GB-950GB Disk, Windows OS	Hour	\$0.71
Storage Optimized (GovCloud)	SO-3 Windows (GC)	Storage Optimized Compute VM Bundle - 8 vCPU, 61GB-64GB RAM, 1388GB-1900GB Disk, Windows OS	Hour	\$1.41
Storage Optimized (GovCloud)	SO-4 Windows (GC)	Storage Optimized Compute VM Bundle - 16 vCPU, 122GB-128GB RAM, 2807GB-3800GB Disk, Windows OS	Hour	\$2.82
Storage Optimized (GovCloud)	SO-5 Windows (GC)	Storage Optimized Compute VM Bundle - 32 vCPU, 244GB-256GB RAM, 5630GB-7600GB Disk, Windows OS	Hour	\$5.63
Storage Optimized (GovCloud)	SO-6 Windows (GC)	Storage Optimized Compute VM Bundle - 64 vCPU, 488GB RAM, 15200GB Disk, Windows OS	Hour	\$11.27

Storage Optimized (GovCloud)	SO-1 RHEL (GC)	Storage Optimized Compute VM Bundle - 2 vCPU, 15.25GB RAM, 475GB Disk, RedHat OS	Hour	\$0.31
Storage Optimized (GovCloud)	SO-2 RHEL (GC)	Storage Optimized Compute VM Bundle - 4 vCPU, 30.5GB-32GB RAM, 678GB-950GB Disk, RedHat OS	Hour	\$0.55
Storage Optimized (GovCloud)	SO-3 RHEL (GC)	Storage Optimized Compute VM Bundle - 8 vCPU, 61GB-64GB RAM, 1388GB-1900GB Disk, RedHat OS	Hour	\$1.12
Storage Optimized (GovCloud)	SO-4 RHEL (GC)	Storage Optimized Compute VM Bundle - 16 vCPU, 122GB-128GB RAM, 2807GB-3800GB Disk, RedHat OS	Hour	\$2.06
Storage Optimized (GovCloud)	SO-5 RHEL (GC)	Storage Optimized Compute VM Bundle - 32 vCPU, 244GB-256GB RAM, 5630GB-7600GB Disk, RedHat OS	Hour	\$3.96
Storage Optimized (GovCloud)	SO-6 RHEL (GC)	Storage Optimized Compute VM Bundle - 64 vCPU, 488GB RAM, 15200GB Disk, RedHat OS	Hour	\$7.74

*Note: Prices shown herein are inclusive of the 0.75% IFF Fee.

Infrastructure as a Service (IaaS) Bundle Offerings - Storage

Bundle Offering	SKU	Description	Unit	7/12/17 - 7/11/22
Blob Storage (GovCloud)		Blob Storage - U.S. Government Community Cloud Blob storage easily and cost-effectively stores from hundreds to billions of objects, in hot or cool tiers, depending on how often data access is needed. Store any type of unstructured data—images, videos, audio, documents, and more.		
Blob Storage (GovCloud)	BS-1 (GC)	IaaS Storage Bundle - Per GB of standard general purpose blob storage for 1,000GB - 50,000GB capacity	Hour	\$0.09
Blob Storage (GovCloud)	BS-2 (GC)	IaaS Storage Bundle - Per GB of standard general purpose blob storage for 51,000GB - 500,000GB capacity	Hour	\$0.09
Blob Storage (GovCloud)	BS-3 (GC)	IaaS Storage Bundle - Per GB of standard general purpose blob storage for over 500,000GB capacity	Hour	\$0.09

*Note: Prices shown herein are inclusive of the 0.75% IFF Fee.

Infrastructure as a Service (IaaS) Bundle Offerings - Network

Bundle Offering	SKU	Description	Unit	7/12/17 - 7/11/22
Direct Connect (GovCloud)		Network Bandwidth Dedicated network connection between your network and one of the CSP locations. Using industry standard 802.1q VLANs, this dedicated connection can be partitioned into multiple virtual interfaces.		
Direct Connect (GovCloud)	DC-1 (GC)	Network Bundle - 50 Mbps Bandwidth	Month	\$88.05

Direct Connect (GovCloud)	DC-2 (GC)	Network Bundle - 100 Mbps Bandwidth	Month	\$176.07
Direct Connect (GovCloud)	DC-3 (GC)	Network Bundle - 200 Mbps Bandwidth	Month	\$226.39
Direct Connect (GovCloud)	DC-4 (GC)	Network Bundle - 500 Mbps Bandwidth	Month	\$459.08
Direct Connect (GovCloud)	DC-5 (GC)	Network Bundle - 1 Gbps Bandwidth	Month	\$685.46
Direct Connect (GovCloud)	DC-6 (GC)	Network Bundle - 10 Gbps Bandwidth	Month	\$7,860.88

*Note: Prices shown herein are inclusive of the 0.75% IFF Fee.

Infrastructure as a Service (IaaS) Bundle Offerings - Database

Bundle Offering	SKU	Description	Unit	7/12/17 - 7/11/22
Relational Database Service (GovCloud)		Relational Database Service (RDS) RDS allows you deploy multiple editions of Oracle Database in minutes with cost-efficient and re-sizable hardware capacity. You can bring existing Oracle licenses or pay for license usage by the hour. RDS frees you up to focus on application development by managing complex database administration tasks including provisioning, backups, patching, monitoring, and hardware scaling.		
Relational Database Service (GovCloud)	RDB-1 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 2 vCPU, 8GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$0.41
Relational Database Service (GovCloud)	RDB-2 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 2 vCPU, 8GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$0.54
Relational Database Service (GovCloud)	RDB-3 Oracle Multi AZ (GC)	Relational Database Service VM Bundle - 2 vCPU, 8GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$0.83
Relational Database Service (GovCloud)	RDB-4 Oracle Multi AZ (GC)	Relational Database Service VM Bundle - 2 vCPU, 8GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$1.08
Relational Database Service (GovCloud)	RDB-5 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 4 vCPU, 16GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$0.71
Relational Database Service (GovCloud)	RDB-6 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 4 vCPU, 16GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$0.83
Relational Database Service (GovCloud)	RDB-7 Oracle	Relational Database Service VM Bundle - 4 vCPU, 16GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$1.42

Service (GovCloud)	Multi AZ (GC)			
Relational Database Service (GovCloud)	RDB-8 Oracle Multi AZ (GC)	Relational Database Service VM Bundle - 4 vCPU, 16GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$1.65
Relational Database Service (GovCloud)	RDB-9 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 8 vCPU, 32GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$1.46
Relational Database Service (GovCloud)	RDB-10 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 8 vCPU, 32GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$1.57
Relational Database Service (GovCloud)	RDB-11 Oracle Multi AZ (GC)	Relational Database Service VM Bundle - 8 vCPU, 32GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$2.92
Relational Database Service (GovCloud)	RDB-12 Oracle Multi AZ (GC)	Relational Database Service VM Bundle - 8 vCPU, 32GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$3.17
Relational Database Service (GovCloud)	RDB-13 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 16 vCPU, 64GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$2.79
Relational Database Service (GovCloud)	RDB-14 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 16 vCPU, 64GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$2.92
Relational Database Service (GovCloud)	RDB-15 Oracle Multi AZ (GC)	Relational Database Service VM Bundle - 16 vCPU, 64GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$5.58
Relational Database Service (GovCloud)	RDB-16 Oracle Multi AZ (GC)	Relational Database Service VM Bundle - 16 vCPU, 64GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$5.81
Relational Database Service (GovCloud)	RDB-17 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 2 vCPU, 15GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$0.77
Relational Database Service (GovCloud)	RDB-18 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 2 vCPU, 15GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$0.90
Relational Database Service (GovCloud)	RDB-19 Oracle Multi AZ (GC)	Relational Database Service VM Bundle - 2 vCPU, 15GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$1.54
Relational Database Service (GovCloud)	RDB-20 Oracle Multi AZ (GC)	Relational Database Service VM Bundle - 2 vCPU, 15GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$1.79

Service (GovCloud)	Multi AZ (GC)			
Relational Database Service (GovCloud)	RDB-21 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 4 vCPU, 30.5GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$1.38
Relational Database Service (GovCloud)	RDB-22 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 4 vCPU, 30.5GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$1.49
Relational Database Service (GovCloud)	RDB-23 Oracle Multi AZ (GC)	Relational Database Service VM Bundle - 4 vCPU, 30.5GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$2.76
Relational Database Service (GovCloud)	RDB-24 Oracle Multi AZ (GC)	Relational Database Service VM Bundle - 4 vCPU, 30.5GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$2.99
Relational Database Service (GovCloud)	RDB-25 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 8 vCPU, 61GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$2.73
Relational Database Service (GovCloud)	RDB-26 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 8 vCPU, 61GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$2.85
Relational Database Service (GovCloud)	RDB-27 Oracle Multi AZ (GC)	Relational Database Service VM Bundle - 8 vCPU, 61GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$5.44
Relational Database Service (GovCloud)	RDB-28 Oracle Multi AZ (GC)	Relational Database Service VM Bundle - 8 vCPU, 61GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$5.67
Relational Database Service (GovCloud)	RDB-29 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 16 vCPU, 122GB RAM, 500GB Disk, Oracle DB, Single Availability Zone	Hour	\$5.11
Relational Database Service (GovCloud)	RDB-30 Oracle Single AZ (GC)	Relational Database Service VM Bundle - 16 vCPU, 122GB RAM, 1000GB Disk, Oracle DB, Single Availability Zone	Hour	\$5.25
Relational Database Service (GovCloud)	RDB-31 Oracle Multi AZ (GC)	Relational Database Service VM Bundle - 16 vCPU, 122GB RAM, 500GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$10.25
Relational Database Service (GovCloud)	RDB-32 Oracle Multi AZ (GC)	Relational Database Service VM Bundle - 16 vCPU, 122GB RAM, 1000GB Disk, Oracle DB, Multiple Availability Zone	Hour	\$10.49
*Note: Prices shown herein are inclusive of the 0.75% IFF Fee.				

NOTE: When managed services requirements like those listed below are required the level of effort can vary, therefore those service(s) are provided via a Statement of Work (SOW) or Statement of Objectives (SOO) using SIN 54151S for Professional Services.

Transformation Services	Managed Operating System Services	Managed Database Services	Managed Application Services	Managed Security Service
Cloud Strategy	Operating System Management	Non RDS Database Provisioning	Application Stack Provisioning	Multi-factor Authentication (MFA)
Cloud Portfolio Readiness Assessments	Operating System Patching	Non RDS Database Management	Application Stack Management	Identity Access Management (IAM)
Assessment and Authorization (A&A)	Operating System Event Monitoring	Non RDS Database Patching	Application Stack Patching	System Intrusion Detection Systems (SIDS)
Cloud Transition	Operating System Performance Monitoring	Non RDS Database Event Monitoring	Application Stack Event Monitoring	Network Intrusion Detection Systems (NIDS)
Application Modernization	Operating System Reporting	Non RDS Database Performance Monitoring	Application Stack Performance Monitoring	Host-based Intrusion Detection Systems (HIDS)
Cloud Migration	Operating System Hardening	Non RDS Database Reporting	Application Stack Reporting	
Application Lifecycle Management for Hybrid	Backup and Restore	Non RDS Database Log Management	Application Stack Log Management	
DevOps	Disaster Recovery (DR)	Non RDS Database Hardening	Application Hardening	

End User License Agreement for Cloud Offerings can be found at: <https://www.accenture.com/us-en/service-gsa-it-70>

2.4.1.3 Accenture Insights Platform (AIP) Offerings & Pricing

Accenture Insights Platform (AIP) Bundles

Accenture Insights Platform (AIP) is Accenture’s Analytics-as-a-Service platform which brings together best-of-breed software, over one hundred pre-built solution accelerators, a collaborative development environment and Accenture’s expertise on a cloud-based platform to accelerate the development of agency, mission and function specific analytics solutions. As a result, AIP is a comprehensive and scalable solution that allows federal agencies to get actionable insights and business outcomes quickly with a competitive, flexible, pay-as-you-go model. AIP solutions span multiple capabilities, for example: Business Intelligence, Big Data, Basic Analytics, Advanced Analytics, Data Warehousing, and Internet of Things (IoT). Our AIP implementation for the federal government can be hosted within a cloud service provider, for example, the Amazon

Web Services (AWS) GovCloud or AWS Commercial, and is supported by a dedicated, U.S. based team to provision, manage, monitor and maintain each client environment.

Accenture Insights Platform (AIP) Bundle Offerings

Bundle Offering	SKU	Description	Unit	7/12/17 - 7/11/22
Accenture Insights Platform	AIP	Data Management & Visualization, including Storage, Visualization, Data Ingestion, Data Encryption, Monitoring, Enablers, Infrastructure, etc. as a service for 50GB - 50TB of storage, 100GB - 250TB of data processing per month, and 1-100 concurrent users per month.	Month	\$184,980.90
Accenture Insights Platform (One-Time Setup)	OTS_AIP	One-Time Setup: Accenture Insights Platform (Required with initial purchase of services)	Lot	\$61,554.54
Accenture Insights Platform with High Availability	AIP-HA	Data Management & Visualization, including Storage, Visualization, Data Ingestion, Data Encryption, Monitoring, Enablers, High Availability Infrastructure, etc. as a service for 50GB - 50TB of storage, 100GB - 250TB of data processing per month, and 1-100 concurrent users per month.	Month	\$211,887.89
Accenture Insights Platform with High Availability (One-Time Setup)	OTS_AIP-HA	One-Time Setup: Accenture Insights Platform with High Availability (Required with initial purchase of services)	Lot	\$62,781.28
Accenture Insights Platform Analytics	AIP-A	Data Management, Visualization, and Analytics, including Storage, Visualization, Data Ingestion, Data Encryption, Monitoring, Enablers, Infrastructure, etc. as a service for 50GB - 50TB of storage, 100GB - 250TB of data processing per month, and 1-100 concurrent users per month.	Month	\$224,295.39
Accenture Insights Platform Analytics (One-Time Setup)	OTS_AIP-A	One-Time Setup: Accenture Insights Platform Analytics (Required with initial purchase of services)	Lot	\$61,707.87
Accenture Insights Platform Analytics with High Availability	AIP-A-HA	Data Management, Visualization, and Analytics, including Storage, Visualization, Data Ingestion, Data Encryption, Monitoring, Enablers, High Availability Infrastructure, etc. as a service for 50GB - 50TB of storage, 100GB - 250TB of data processing per month, and 1-100 concurrent users per month.	Month	\$251,202.38
Accenture Insights Platform Analytics with High Availability (One-Time Setup)	OTS_AIP-A-HA	One-Time Setup: Accenture Insights Platform Analytics with High Availability (Required with initial purchase of services)	Lot	\$62,934.63
Accenture Insights Platform Big Data	AIP-B	Data Management & Visualization, including Advanced Big Data Storage, Visualization, Data Ingestion, Data Encryption, Monitoring,	Month	\$227,682.52

		Enablers, Infrastructure, etc. as a service for 50GB - 50TB of storage, 100GB - 250TB of data processing per month, and 1-100 concurrent users per month.		
Accenture Insights Platform Big Data (One-Time Setup)	OTS_AIP-B	One-Time Setup: Accenture Insights Platform Big Data (Required with initial purchase of services)	Lot	\$62,244.59
Accenture Insights Platform Big Data with High Availability	AIP-B-HA	Data Management & Visualization, including Advanced Big Data Storage, Visualization, Data Ingestion, Data Encryption, Monitoring, Enablers, High Availability Infrastructure, etc. as a service for 50GB - 50TB of storage, 100GB - 250TB of data processing per month, and 1-100 concurrent users per month.	Month	\$251,054.04
Accenture Insights Platform Big Data with High Availability (One-Time Setup)	OTS_AIP-B-HA	One-Time Setup: Accenture Insights Platform Big Data with High Availability (Required with initial purchase of services)	Lot	\$63,778.02
Accenture Insights Platform Analytics & Big Data	AIP-A-B	Data Management, Visualization, and Analytics, including Advanced Big Data Storage, Visualization, Data Ingestion, Data Encryption, Monitoring, Enablers, Infrastructure, etc. as a service for 50GB - 50TB of storage, 100GB - 250TB of data processing per month, and 1-100 concurrent users per month.	Month	\$267,105.51
Accenture Insights Platform Analytics & Big Data (One-Time Setup)	OTS_AIP-A-B	One-Time Setup: Accenture Insights Platform Analytics & Big Data (Required with initial purchase of services)	Lot	\$62,397.90
Accenture Insights Platform Analytics & Big Data with High Availability	AIP-A-B-HA	Data Management, Visualization, and Analytics, including Advanced Big Data Storage, Visualization, Data Ingestion, Data Encryption, Monitoring, Enablers, High Availability Infrastructure, etc. as a service for 50GB - 50TB of storage, 100GB - 250TB of data processing per month, and 1-100 concurrent users per month.	Month	\$288,049.27
Accenture Insights Platform Analytics & Big Data with High Availability (One-Time Setup)	OTS_AIP-A-B-HA	One-Time Setup: Accenture Insights Platform Analytics & Big Data with High Availability (Required with initial purchase of services)	Lot	\$63,931.39

**Note: Prices shown herein are inclusive of the 0.75% IFF Fee.*

2.5 SIN 561422 (formerly 132 20)

Automated Contact Center Solutions (ACCS) - ACCS is defined as any combination of products, equipment, software and/or services that are required to establish and maintain contact center capabilities managed by the contractor for an agency.

These include a wide range of automated and attended managed solutions that allow agencies to respond to inquiries from the public. Permissible offerings under this SIN may include any technologies or services required to deliver and support ACCS to agencies, including but not limited to:
 • Technology: Automated services to include but not limited to Artificial Intelligence (AI), Chat Bots, Robotic Process Automation, Interactive Voice Response (IVR), Voice/Speech Recognition, Text-to-Speech, Voicemail, Callback, Web Callback, Email Delivery, Hosted Online Ordering, Hosted Email Web Form, Hosted FAQ Service, etc. NOTE: Subject to Cooperative Purchasing.

2.5.1 Labor Category Descriptions (SIN 561422, formerly 132 20)

Labor Category Name	Labor Category Description	Min Years Experience	Min Education
Contact Center Analytics Specialist - 3	<p>The Contact Center Analytics Specialist - Level 3 role provides a deep understanding of the relationships that exist among the organization's various programs and databases and has responsibility for using standard and advanced methods in all stages of data collection, analysis, reporting, and data visualization. This role is responsible for supporting existing data platforms - including supplying insights and recommendations on the needs of the Contact Center based on deep understanding of the data, data relationships, etc.</p> <p>Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.</p>	5	Bachelors
Contact Center Analytics Specialist - 2	<p>The Contact Center Analytics Specialist - Level 2 role understands the relationships that exist among the organization's various programs and databases and has responsibility for using standard and advanced methods in all stages of data collection, analysis, reporting, and data visualization. This role is responsible for supporting existing data platforms - including identifying insights and recommendations on the needs of the Contact Center based on deep understanding of the data, data relationships, etc.</p> <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	3	Bachelors
Contact Center Analytics Specialist - 1	<p>The Contact Center Analytics Specialist - Level 1 role understands the relationships that exist among the organization's various programs and databases and has responsibility for using standard and advanced methods in all stages of data collection, analysis, reporting, and data visualization. This role is responsible for supporting existing data platforms - including identifying insights and recommendations on the needs of the Contact Center based on deep understanding of the data, data relationships, etc.</p>	1	Bachelors

	Level 1 performs more routine aspects of the position and is supervised by higher levels.		
Contact Center Application Developer - 3	<p>The Contact Center Application Developer - Level 3 is responsible for activities such as program design, coding, testing, debugging or documentation. This individual has technical knowledge and responsibility of all phases of applications systems analysis and programming. Understands the business or function for which application is designed. The Contact Center Application Developer - 3 may</p> <ul style="list-style-type: none"> • Write programs according to specifications, which may be provided by Engineers, technical architects, or other computer scientists • Update, repair, modify and expand existing computer programs. <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work</p>	5	Bachelors
Contact Center Application Developer - 2	<p>The Contact Center Application Developer - Level 2 is responsible for activities such as program design, coding, testing, debugging or documentation. This individual has technical knowledge and responsibility of all phases of applications systems analysis and programming. Understands the business or function for which application is designed. The Contact Center Application Developer -2 may</p> <ul style="list-style-type: none"> • Write programs according to specifications, which may be provided by Engineers, technical architects, or other computer scientists • Update, repair, modify and expand existing computer programs <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	2	Bachelors
Contact Center Application Developer - 1 **	<p>The Contact Center Application Developer - Level 1 is responsible for activities such as program design, coding, testing, debugging or documentation. This individual has technical knowledge and responsibility of all phases of applications systems analysis and programming, and understands the business or function for which application is designed. The Contact Center Application Developer - 1 may</p> <ul style="list-style-type: none"> • Write programs according to specifications, which may be provided by Engineers, technical architects, or other computer scientists • Update, repair, modify and expand existing computer programs <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	0	Bachelors in process
Contact Center Applications	The Application Systems Analyst - Level 3 oversees the implementation of required hardware and software components for approved applications, coordinate	8	Bachelors

Systems Analyst - 3 **	<p>tests of the application system to provide proper performance, or develop diagrams and flow charts for computer programmers to follow. The Application Systems Analyst - Level 3 reviews, analyzes, and modifies programming systems, including encoding, debugging, and installing to support an organization's application systems. The Application Systems Analyst develops application specifications, identifies the required inputs, and formats the output to meet users' needs. Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.</p>		
Contact Center Applications Systems Analyst - 2 **	<p>The Application Systems Analyst - Level 2 may oversee the implementation of required hardware and software components for approved applications, coordinate tests of the application system to provide proper performance, or develop diagrams and flow charts for computer programmers to follow. The Application Systems Analyst - Level 2 reviews, analyzes, and modifies programming systems, including encoding, debugging, and installing to support an organization's application systems. The Application Systems Analyst develops application specifications, identifies the required inputs, and formats the output to meet users' needs. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	4	Bachelors
Contact Center Applications Systems Analyst - 1 **	<p>The Application Systems Analyst - Level 1 supports the implementation of required hardware and software components for approved applications, coordinate tests of the application system to provide proper performance, or develop diagrams and flow charts for computer programmers to follow. The Application Systems Analyst - Level 1 modifies programming systems, including encoding, debugging, and installing to support an organization's application systems at the direction of leadership. Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	0	Associates
Contact Center Business Analyst - Expert	<p>The Contact Center Business Analyst - Expert provides knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into technical requirements. The Contact Center Business Analyst – Expert uses available computer systems resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution. In addition, the Business Analyst – Expert may</p> <ul style="list-style-type: none"> • Be sought after as an industry expert and present at public industry events • Implement a comprehensive management plan for each project and hold regular stakeholder meetings 	10	Bachelors

	<p>to keep all interested parties updated in project progress</p> <ul style="list-style-type: none"> • Determine and document user requirements for business processes and abide by those requirements for future projects • Reviews and analyzes information, forecasts, methods, schedules, systems, processes and procedures • Provides expertise in, but not limited to, Configuration Management, Strategic Planning, Knowledge 		
Contact Center Business Analyst - 3	<p>The Contact Center Business Analyst - Level 3 may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into technical requirements. The Business Analyst uses available computer systems resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution. In addition, the Business Analyst – 3 may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan for each project and hold regular stakeholder meetings to keep all interested parties updated in project progress • Determine and document user requirements for business processes and abide by those requirements for future projects • Reviews and analyzes information, forecasts, methods, schedules, systems, processes and procedures • Provides expertise in, but not limited to, Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis <p>Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.</p>	7	Bachelors
Contact Center Business Analyst – 2	<p>The Contact Center Business Analyst - Level 2 may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into technical requirements. The Business Analyst uses available computer systems resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution. In addition, the Business Analyst – 2 may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan for each project and hold regular stakeholder meetings to keep all interested parties updated in project progress 	3	Bachelors

	<ul style="list-style-type: none"> • Determine and document user requirements for business processes and abide by those requirements for future projects • Reviews and analyzes information, forecasts, methods, schedules, systems, processes and procedures • Provides expertise in, but not limited to, Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>		
Contact Center Business Analyst – 1	<p>The Contact Center Business Analyst - Level 1 may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into technical requirements. The Business Analyst uses available computer systems resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution. In addition, the Business Analyst – 1 may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan for each project and hold regular stakeholder meetings to keep all interested parties updated in project progress • Determine and document user requirements for business processes and abide by those requirements for future projects • Reviews and analyzes information, forecasts, methods, schedules, systems, processes and procedures • Provides expertise in, but not limited to, Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	0	Bachelors
Contact Center Customer Service and Support Tech - 3 **	<p>The Customer Service and Support Technician - Level 3 may perform some/all of the following tasks:</p> <ul style="list-style-type: none"> • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction 	5	Associates

	<ul style="list-style-type: none"> • Updates job knowledge by participating in educational opportunities and knowledge management • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction • Updates job knowledge by participating in educational opportunities and knowledge management • Develops appropriate reporting requirements by supervisor or manager • Handles Subject Matter Expert inquiries and assist other team members • Assists in the training of new-hires and assist in quality assurance activities <p>Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.</p>		
Contact Center Customer Service and Support Tech - 2 **	<p>The Customer Service and Support Technician - Level 2 may perform some/all of the following tasks:</p> <ul style="list-style-type: none"> • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction • Updates job knowledge by participating in educational opportunities and knowledge management • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction 	3	H.S. Diploma

	<ul style="list-style-type: none"> • Updates job knowledge by participating in educational opportunities and knowledge management • Develops appropriate reporting requirements by supervisor or manager • Handles Subject Matter Expert inquiries and assist other team members • Assists in the training of new-hires and assist in quality assurance activities <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3</p>		
Contact Center Customer Service and Support Tech - 1 **	<p>The Customer Service and Support Technician - Level 1 may perform some/all of the following tasks:</p> <ul style="list-style-type: none"> • Answers inquiries by clarifying desired information; researching, locating, and providing information • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems • Fulfills requests by clarifying desired information; completing transactions; forwarding requests • Maintains call center database by entering information and document customer interaction • Updates job knowledge by participating in educational opportunities and knowledge management • Answers inquiries by clarifying desired information; researching, locating, and providing information. • Resolves problems by clarifying issues; researching and exploring answers and alternative solutions; implementing solutions; escalating unresolved problems. • Fulfills requests by clarifying desired information; completing transactions; forwarding requests. • Maintains call center database by entering information and document customer interaction. • Updates job knowledge by participating in educational opportunities and knowledge management. • Develops appropriate reporting requirements by supervisor or manager • Handles Subject Matter Expert inquiries and assist other team members • Assists in the training of new-hires and assist in quality assurance activities <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	0	H.S. Diploma
Contact Center Customer Service and	The Contact Center Customer Service and Support Tech Manager - Level 3 may perform the following tasks:	4	Associates

Support Tech Manager - 3	<ul style="list-style-type: none"> • Determines call center operational strategies by conducting needs assessments, performance reviews, capacity planning, and cost/benefit analyses; identifying and evaluating state-of-the-art technologies; defining user requirements; establishing technical specifications, and production, productivity, quality, and customer-service standards; contributing information and analysis to organizational strategic plans and reviews • Maintains and improves call center operations by monitoring system performance; identifying and resolving problems; preparing and completing action plans; completing audits and analyses; managing process improvement and quality assurance programs • Accomplishes call center human resource objectives by recruiting, selecting, orienting, training, assigning, coaching, counseling, and disciplining employees; administering scheduling systems; communicating job expectations; planning, monitoring, appraising, and reviewing job contributions; planning and reviewing compensation actions; enforcing policies and procedures • Prepares call center performance reports by collecting, analyzing, and summarizing data and trends • Accomplishes organization goals by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.</p>		
Contact Center Customer Service and Support Tech Manager - 2	<p>The Contact Center Customer Service and Support Tech Manager - Level 2 may perform the following tasks:</p> <ul style="list-style-type: none"> • Determines call center operational strategies by conducting needs assessments, performance reviews, capacity planning, and cost/benefit analyses; identifying and evaluating state-of-the-art technologies; defining user requirements; establishing technical specifications, and production, productivity, quality, and customer-service standards; contributing information and analysis to organizational strategic plans and reviews • Maintains and improves call center operations by monitoring system performance; identifying and resolving problems; preparing and completing action plans; completing audits and analyses; managing process improvement and quality assurance programs • Accomplishes call center human resource objectives by recruiting, selecting, orienting, training, assigning, 	<p>3</p>	<p>Associates</p>

	<p>coaching, counseling, and disciplining employees; administering scheduling systems; communicating job expectations; planning, monitoring, appraising, and reviewing job contributions; planning and reviewing compensation actions; enforcing policies and procedures</p> <ul style="list-style-type: none"> • Prepares call center performance reports by collecting, analyzing, and summarizing data and trends • Accomplishes organization goals by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>		
<p>Contact Center Customer Service and Support Tech Manager - 1</p>	<p>The Contact Center Customer Service and Support Tech Manager - Level 1 may perform the following tasks:</p> <ul style="list-style-type: none"> • Determines call center operational strategies by conducting needs assessments, performance reviews, capacity planning, and cost/benefit analyses; identifying and evaluating state-of-the-art technologies; defining user requirements; establishing technical specifications, and production, productivity, quality, and customer-service standards; contributing information and analysis to organizational strategic plans and reviews • Maintains and improves call center operations by monitoring system performance; identifying and resolving problems; preparing and completing action plans; completing audits and analyses; managing process improvement and quality assurance programs • Accomplishes call center human resource objectives by recruiting, selecting, orienting, training, assigning, coaching, counseling, and disciplining employees; administering scheduling systems; communicating job expectations; planning, monitoring, appraising, and reviewing job contributions; planning and reviewing compensation actions; enforcing policies and procedures • Prepares call center performance reports by collecting, analyzing, and summarizing data and trends • Accomplishes organization goals by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	<p>2</p>	<p>Associates</p>

Contact Center Customer Service and Support Tech Supervisor - 3	<p>The Contact Center Customer Service and Support Tech Supervisor - Level 3 may perform the following tasks:</p> <ul style="list-style-type: none"> • Maintains call center database by entering and verifying information; updating contact log • Improves quality results by recommending changes and coaching representatives • Updates job knowledge by participating in educational opportunities and knowledge management • Manages representatives and ensures appropriate training • Enhances organization reputation by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.</p>	3	Associates
Contact Center Customer Service and Support Tech Supervisor - 2	<p>The Contact Center Customer Service and Support Tech Supervisor - Level 2 may perform the following tasks:</p> <ul style="list-style-type: none"> • Maintains call center database by entering and verifying information; updating contact log • Improves quality results by recommending changes and coaching representatives • Updates job knowledge by participating in educational opportunities and knowledge management • Manages representatives and ensures appropriate training • Enhances organization reputation by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	2	Associates
Contact Center Customer Service and Support Tech Supervisor - 1	<p>The Contact Center Customer Service and Support Tech Supervisor - Level 1 may perform the following tasks:</p> <ul style="list-style-type: none"> • Maintains call center database by entering and verifying information; updating contact log • Improves quality results by recommending changes and coaching representatives • Updates job knowledge by participating in educational opportunities and knowledge management • Manages representatives and ensures appropriate training 	1	Associates

	<ul style="list-style-type: none"> Enhances organization reputation by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>		
Contact Center Cyber Security Architect - 3	<p>The Contact Center Cyber Security Architect - Level 3 provides thought leadership related to current and future customer plans with regard to protecting customer information technology from cyber threats. The Contact Center Cyber Security Architect - Level 3 possesses knowledge of the future direction and trends associated with the stated information technology, and is up to date with current threats associated with it. This individual has experience in designing and implementing protections for information architecture. The Contact Center Cyber Security Architect - Level 3 designs secure architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces.</p>	10	Bachelors
Contact Center Cyber Security Architect - 2	<p>The Contact Center Cyber Security Architect - Level 2 provides thought leadership related to current and future customer plans with regard to protecting customer information technology from cyber threats. This individual possesses knowledge of the future direction and trends associated with the stated information technology, and is up to date with current threats associated with it. Contact Center Cyber Security Architect - Level 2 is experienced in designing and implementing protections for information architecture solutions for the stated information technology; This individual designs secure architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces.</p>	7	Bachelors
Contact Center Cyber Systems Administrator - 3	<p>The Contact Center Cyber Systems Administrator - Level 3 administers, develops, runs tests on, implements, and maintains operating system and related software in support of cyber related activities. The Contact Center Cyber Systems Administrator - Level 3 establishes and implements standards for computer operations, consistent with documented customer cyber policies, for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and resolves software, operating system, and networking problems identified in vulnerability scans, penetration tests, and other security testing performed on the system. The Contact Center Cyber Systems Administrator - Level 3 schedules, performs, and monitors system backups and, when necessary, performs data recoveries. Level</p>	7	Bachelors

	3 is highly competent in cyber subject matter and concepts and generally considered a specialist in area of assignment. May lead individuals assisting in the work.		
Contact Center Cyber Systems Administrator - 2 **	The Contact Center Cyber Systems Administrator - Level 2 may develop, run tests on, implement, and maintain operating system and related software in support of cyber related activities. The Contact Center Cyber Systems Administrator - Level 2 establishes and implements standards for computer operations, consistent with documented customer cyber policies, for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and resolves software, operating system, and networking problems identified in vulnerability scans, penetration tests, and other security testing performed on the system. The Contact Center Cyber Systems Administrator - Level 2 schedules, performs, and monitors system backups and, when necessary, performs data recoveries.	3	Bachelors
Contact Center Enterprise Architect - 3	The Enterprise Architect - Level 3 works with stakeholders, both leadership and subject matter experts, to define the IT vision and develop the roadmaps to achieve IT business outcomes. The Enterprise Architect – Sr is a visionary directing EA teams to link the business mission, strategy, and processes of an organization to its IT strategy, and documents this using multiple architectural models or views that show how the current and future needs of an organization will be met in an efficient, sustainable, agile, and adaptable manner.	12	Masters
Contact Center Enterprise Architect - 2	The Enterprise Architect - Level 2 works with stakeholders, both leadership and subject matter experts, to build a holistic view of the organization's strategy, processes, information, and information technology assets to keep the business and IT in alignment. The Enterprise Architect - Level 2 links the business mission, strategy, and processes of an organization to its IT strategy, and documents this using multiple architectural models or views that show how the current and future needs of an organization will be met in an efficient, sustainable, agile, and adaptable manner.	8	Bachelors
Contact Center Enterprise Architect - 1	The Enterprise Architect - Level 1 works with experienced EAs to build a holistic view of the organization's strategy, processes, information, and information technology assets to keep the business and IT in alignment. The Enterprise Architect - Level 1 follows the business mission, strategy, and processes of an organization to its IT strategy, and documents this using multiple architectural models or views that show how the current and future needs of an organization will be met in an efficient, sustainable, agile, and adaptable manner.	5	Bachelors

Contact Center Finance Analyst – 3	<p>The Finance Analyst - Level 3 role is responsible for assisting, coordinating, preparing, documenting, and presenting financial analysis of projects related to the Contact Center. Provides financial analysis and planning support for forward-looking financial forecasting and budgeting efforts. Assists in the preparation of forecasts and analysis of financial trends, including forecasting and reconciliation of internal budgets. Performs more varied and difficult tasks compared to Level 2 and is highly competent and trusted in financial management - may lead individuals assisting in the work.</p>	7	Bachelors
Contact Center Finance Analyst – 2	<p>The Finance Analyst - Level 2 role is responsible for assisting, coordinating, preparing, documenting, and presenting financial analysis of projects related to the Contact Center. Provides financial analysis and planning support for forward-looking financial forecasting and budgeting efforts. Assists in the preparation of forecasts and analysis of financial trends, including forecasting and reconciliation of internal budgets. Performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	3	Bachelors
Contact Center Finance Analyst – 1	<p>The Finance Analyst - Level 1 role is responsible for assisting, coordinating, preparing, and documenting financial analysis of projects related to the Contact Center. Provides financial analysis and planning support for forward-looking financial forecasting and budgeting efforts. Assists in the preparation of forecasts and analysis of financial trends, including forecasting and reconciliation of internal budgets. Level 1 supports efforts with limited complexity that tend to be more routine and is supervised by higher levels.</p>	0	Bachelors
Contact Center Knowledge Manager - 3	<p>Contact Center Knowledge Manager - Level 3 role is responsible for all knowledge, training, and content - including (but not limited to) the following:</p> <ul style="list-style-type: none"> • ensuring the successful design, build, configuration, testing, and use of project knowledge resources - including the Knowledge Management System; • overseeing, managing, and coordinating Contact Center staff training and development activities; • developing and revise training courses and prepares appropriate training catalogs; • preparing instructor materials (course outline, background material, and training aids); • preparing statements of policy and procedure to insure best in class, customer experience focused knowledge management • training personnel with a variety of training delivery methods (e.g. classroom, computer based, etc.) • providing daily supervision and direction to staff supporting knowledge, training, and content efforts. 	7	Bachelors

	<p>Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.</p>		
Contact Center Knowledge Manager - 2	<p>Contact Center Knowledge Manager - Level 2 role is responsible for all knowledge, training, and content - including (but not limited to) the following:</p> <ul style="list-style-type: none"> • ensuring the successful design, build, configuration, testing, and use of project knowledge resources - including the Knowledge Management System; • overseeing, managing, and coordinating Contact Center staff training and development activities; • developing and revise training courses and prepares appropriate training catalogs; • preparing instructor materials (course outline, background material, and training aids); • preparing statements of policy and procedure to insure best in class, customer experience focused knowledge management • training personnel with a variety of training delivery methods (e.g. classroom, computer based, etc.) • providing daily supervision and direction to staff supporting knowledge, training, and content efforts. <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	3	Bachelors
Contact Center Knowledge Manager - 1	<p>Contact Center Knowledge Manager - Level 1 role is responsible for all knowledge, training, and content - including (but not limited to) the following:</p> <ul style="list-style-type: none"> • ensuring the successful design, build, configuration, testing, and use of project knowledge resources - including the Knowledge Management System; • overseeing, managing, and coordinating Contact Center staff training and development activities; • developing and revise training courses and prepares appropriate training catalogs; • preparing instructor materials (course outline, background material, and training aids); • preparing statements of policy and procedure to insure best in class, customer experience focused knowledge management • training personnel with a variety of training delivery methods (e.g. classroom, computer based, etc.) • providing daily supervision and direction to staff supporting knowledge, training, and content efforts. <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	0	Bachelors
Contact Center Mobilization Specialist - 3	<p>Contact Center Mobilization Specialist - Level 3 shall be responsible for all day-to-day transition overall implementation of Contact Center effort or of an implementation/mobilization effort. This role provides day-to-day management, oversight, and guidance for</p>	10	Bachelors

	<p>tasks that may include, but is not limited to, some/all of the following:</p> <ul style="list-style-type: none"> • Planning and Project Management for Implementation/Mobilization efforts. • Technology - including (but not limited to) acquisition, licensing, implementation, configuration, etc. • Staffing - including (but not limited to) planning, recruiting, hiring, onboarding, training, etc. • Vendor and/or Subcontractor Management <p>Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.</p>		
Contact Center Mobilization Specialist - 2	<p>Contact Center Mobilization Specialist - Level 2 shall be responsible for all day-to-day transition overall implementation of Contact Center effort or of an implementation/mobilization effort. This role provides day-to-day management, oversight, and guidance for tasks that may include, but is not limited to, some/all of the following:</p> <ul style="list-style-type: none"> • Planning and Project Management for Implementation/Mobilization efforts. • Technology - including (but not limited to) acquisition, licensing, implementation, configuration, etc. • Staffing - including (but not limited to) planning, recruiting, hiring, onboarding, training, etc. • Vendor and/or Subcontractor Management <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	7	Bachelors
Contact Center Mobilization Specialist - 1	<p>Contact Center Mobilization Specialist - Level 1 shall be responsible for all day-to-day transition overall implementation of Contact Center effort or of an implementation/mobilization effort. This role provides day-to-day management, oversight, and guidance for tasks that may include, but is not limited to, some/all of the following:</p> <ul style="list-style-type: none"> • Planning and Project Management for Implementation/Mobilization efforts. • Technology - including (but not limited to) acquisition, licensing, implementation, configuration, etc. • Staffing - including (but not limited to) planning, recruiting, hiring, onboarding, training, etc. • Vendor and/or Subcontractor Management <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	3	Bachelors
Contact Center Operations Director – 3	<p>The Contact Center Operations Director - Level 3 manages, coordinates, or organizes department operation strategies and activities. The Contact Center Operations Director - Level 3 may</p>	10	Bachelors

	<ul style="list-style-type: none"> • Collaborate in the development and implementation of organization policies, practices, procedures, and attainment of operating goals • Review, analyze, and prepare reports, records, and directives, and confers with managers/supervisors to obtain data required for planning activities, such as new commitments, status of work in progress, and problems encountered • Disseminate policies and objectives to supervisors/staff 		
Contact Center Operations Director – 2	<p>The Contact Center Operations Director - Level 2 manages, coordinates, or organizes department operation strategies and activities. The Contact Center Operations Director - Level 2 may</p> <ul style="list-style-type: none"> • Collaborate in the development and implementation of organization policies, practices, procedures, and attainment of operating goals • Review, analyze, and prepare reports, records, and directives, and confers with managers/supervisors to obtain data required for planning activities, such as new commitments, status of work in progress, and problems encountered • Disseminate policies and objectives to supervisors/staff 	7	Bachelors
Contact Center Operations Director – 1	<p>The Contact Center Operations Director - Level 1 manages, coordinates, or organizes department operation strategies and activities. The Contact Center Operations Director - Level 2 may</p> <ul style="list-style-type: none"> • Collaborate in the development and implementation of organization policies, practices, procedures, and attainment of operating goals • Review, analyze, and prepare reports, records, and directives, and confers with managers/supervisors to obtain data required for planning activities, such as new commitments, status of work in progress, and problems encountered • Disseminate policies and objectives to supervisors/staff 	5	Bachelors
Contact Center Program Manager - Expert	<p>The Contact Center Program Manager - Expert plans and manages projects to control overall project scope, budgets and schedules for multi-project engagements. Program Managers maintain contractor interface with the senior levels of the customer’s organization, and consult with customer and contractor personnel to formulate and review task plans and deliverables, and provide conformance with program and project task schedules and costs and contractual obligations.</p>	15	Bachelors
Contact Center Program Manager - 3	<p>The Contact Center Program Manager - Level 3 has overall accountability for business solution programs. Program Managers may be responsible for product delivery and/or financial management of client engagements. A Program Manager performs independent quality assurance reviews of program performance and deliverables. They lend thought</p>	12	Bachelors

	leadership to engagement teams in developing creative solutions to client business problems.		
Contact Center Program Manager - 2	The Contact Center Program Manager - Level 2 has overall accountability for business solution programs. Program Managers may be responsible for product delivery and/or financial management of client engagements. A Program Manager performs independent quality assurance reviews of program performance and deliverables. They lend thought leadership to engagement teams in developing creative solutions to client business problems.	10	Bachelors
Contact Center Program Manager - 1	The Contact Center Program Manager - Level 1 has overall accountability for business solution programs. Program Managers may be responsible for product delivery and/or financial management of client engagements. A Program Manager performs independent quality assurance reviews of program performance and deliverables. They lend thought leadership to engagement teams in developing creative solutions to client business problems.	8	Bachelors
Contact Center Project Manager - Expert	The Contact Center Project Manager - Expert manages, plans and coordinates activities of projects. This individual reviews project proposals or plans to determine schedule, funding limitations, procedures for accomplishing projects, staffing requirements and allotment of available resources to various phases of projects. The Project Manager establishes work plans and coordinates staffing for each phase of project and arranges for recruitment or assignment of project personnel. The Project Manager identifies functional or cross-functional requirements and resources required for each task.	12	Bachelors
Contact Center Project Manager - 3	The Contact Center Project Manager - Level 3 manages, plans and coordinates activities of projects. This individual reviews project proposals or plans to determine schedule, funding limitations, procedures for accomplishing projects, staffing requirements and allotment of available resources to various phases of projects. The Project Manager establishes work plans and coordinates staffing for each phase of project and arranges for recruitment or assignment of project personnel. The Project Manager identifies functional or cross-functional requirements and resources required for each task.	8	Bachelors
Contact Center Project Manager - 2	The Contact Center Project Manager - Level 2 manages, plans and coordinates activities of projects. This individual reviews project proposals or plans to determine schedule, funding limitations, procedures for accomplishing projects, staffing requirements and allotment of available resources to various phases of projects. The Project Manager establishes work plans and coordinates staffing for each phase of project and arranges for recruitment or assignment of project personnel. The Project Manager identifies functional or	6	Bachelors

	cross-functional requirements and resources required for each task.		
Contact Center Project Manager - 1	The Contact Center Project Manager - Level 1 manages, plans and coordinates activities of projects. This individual reviews project proposals or plans to determine schedule, funding limitations, procedures for accomplishing projects, staffing requirements and allotment of available resources to various phases of projects. The Project Manager establishes work plans and coordinates staffing for each phase of project and arranges for recruitment or assignment of project personnel. The Project Manager identifies functional or cross-functional requirements and resources required for each task.	4	Bachelors
Contact Center Quality Specialist - 3	The Contact Center Quality Specialist - Level 3 may improve reliability of new product development processes, maintain company quality standards, or review products, processes and systems on an ongoing basis to determine where improvements can be made. The Contact Center Quality Specialist - 3 may: <ul style="list-style-type: none"> • Develop and implement quality control methodologies to ensure compliance with quality assurance standards, guidelines, and procedures • Develop and define major and minor characteristics of quality including quality metrics and scoring parameters and determines requisite quality control resources for an actual task order • Establish and maintain a process for evaluating hardware, software, and associated documentation and/or assist in the evaluation • Conduct and/or participate in formal and informal reviews at pre-determined points throughout the development life cycle <p>Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.</p>	4	Bachelors
Contact Center Quality Specialist - 2	The Contact Center Quality Specialist - Level 2 may improve reliability of new product development processes, maintain company quality standards, or review products, processes and systems on an ongoing basis to determine where improvements can be made. The Contact Center Quality Specialist - 2 may: <ul style="list-style-type: none"> • Develop and implement quality control methodologies to ensure compliance with quality assurance standards, guidelines, and procedures • Develop and define major and minor characteristics of quality including quality metrics and scoring parameters and determines requisite quality control resources for an actual task order 	2	Bachelors

	<ul style="list-style-type: none"> • Establish and maintain a process for evaluating hardware, software, and associated documentation and/or assist in the evaluation • Conduct and/or participate in formal and informal reviews at pre-determined points throughout the development life cycle <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>		
Contact Center Quality Specialist - 1	<p>The Contact Center Quality Specialist - Level 1 may improve reliability of new product development processes, maintain company quality standards, or review products, processes and systems on an ongoing basis to determine where improvements can be made. The Contact Center Quality Specialist - 1 may:</p> <ul style="list-style-type: none"> • Develop and implement quality control methodologies to ensure compliance with quality assurance standards, guidelines, and procedures • Develop and define major and minor characteristics of quality including quality metrics and scoring parameters and determines requisite quality control resources for an actual task order • Establish and maintain a process for evaluating hardware, software, and associated documentation and/or assist in the evaluation • Conduct and/or participate in formal and informal reviews at pre-determined points throughout the development life cycle <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	0	Bachelors
Contact Center Reporting Analyst – 3	<p>The Contact Center Reporting Analyst - Level 3 role is responsible for designing, creating, analyzing, building, and distributing reports based on contact center and business data to provide performance information for various audience levels in operations, project management, contract leadership, and client audiences. Tests and validates data models, reports and results. Performs analysis of data and results, and may provide interpretation and context of data as part of preparing reports. Responsibilities may include designing and building ad-hoc and recurring reports in support a variety of audiences interested in Contact Center data and performance. Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.</p>	5	Bachelors
Contact Center Reporting Analyst – 2	<p>The Contact Center Reporting Analyst - Level 2 role is responsible for designing, creating, analyzing, building, and distributing reports based on contact center and business data to provide performance information for various audience levels in operations, project management, contract leadership, and client</p>	3	Bachelors

	audiences. Tests and validates data models, reports and results. Performs analysis of data and results, and may provide interpretation and context of data as part of preparing reports. Responsibilities may include designing and building ad-hoc and recurring reports in support a variety of audiences interested in Contact Center data and performance. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.		
Contact Center Reporting Analyst – 1	The Contact Center Reporting Analyst - Level 1 role is responsible for designing, creating, analyzing, building, and distributing reports based on contact center and business data to provide performance information for various audience levels in operations, project management, contract leadership, and client audiences. Tests and validates data models, reports and results. Performs analysis of data and results, and may provide interpretation and context of data as part of preparing reports. Responsibilities may include designing and building ad-hoc and recurring reports in support a variety of audiences interested in Contact Center data and performance. Level 1 performs more routine aspects of the position and is supervised by higher levels.	0	Bachelors
Contact Center Security Specialist - 3	The Security Specialist - Level 3 may identify or resolve highly complex issues to prevent cyberattacks on information systems or keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, or theft of sensitive customer data, allowing business to continue as normal. The Security Specialist designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.	7	Bachelors
Contact Center Security Specialist - 2	The Security Specialist - Level 2 may identify or resolve highly complex issues to prevent cyberattacks on information systems or keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, or theft of sensitive customer data, allowing business to continue as normal. The Security Specialist designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.	5	Bachelors

Contact Center Security Specialist - 1	<p>The Security Specialist - Level 1 may identify or resolve highly complex issues to prevent cyberattacks on information systems or keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, or theft of sensitive customer data, allowing business to continue as normal. The Security Specialist designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	<p>3</p>	<p>Bachelors</p>
Contact Center Subject Matter Expert - 3	<p>The Contact Center Subject Matter Expert - Level 3 has significant contact center industry experience in the relevant subject matter. This individual will use information technology expertise and/or industry focus expertise in fulfilling the interpreted customer specification. The Contact Center Subject Matter Expert - 3 is highly experienced in the contact center industry. The Contact Center Subject Matter Expert - 3 may provide thought leadership related to current and future customer plans with regard to contact center capabilities, technologies, and/or methods.</p>	<p>15</p>	<p>Bachelors</p>
Contact Center Subject Matter Expert - 2	<p>The Contact Center Subject Matter Expert - Level 2 has contact center industry experience in the relevant subject matter. This individual will use information technology expertise and/or industry focus expertise in fulfilling the interpreted customer specification. The Contact Center Subject Matter Expert - 2 is highly experienced in the contact center industry. The Contact Center Subject Matter Expert - 2 may provide thought leadership related to current and future customer plans with regard to contact center capabilities, technologies, and/or methods.</p>	<p>12</p>	<p>Bachelors</p>
Contact Center Subject Matter Expert - 1	<p>The Contact Center Subject Matter Expert - Level 1 has contact center industry experience in the relevant subject matter. This individual will use information technology expertise and/or industry focus expertise in fulfilling the interpreted customer specification. The Contact Center Subject Matter Expert - 1 is highly experienced in the contact center industry. The Contact Center Subject Matter Expert - 1 may provide thought leadership related to current and future customer plans with regard to contact center capabilities, technologies, and/or methods.</p>	<p>10</p>	<p>Bachelors</p>
Contact Center Systems Administrator - 3	<p>The Contact Center Systems Administrator - Level 3 may develop, run tests on, implement, or maintain operating system and related software. The Contact Center Systems Administrator - 3s establish and implement standards for computer operations for compatibility between hardware and software, according to specifications and parameters. This</p>	<p>7</p>	<p>Bachelors</p>

	individual troubleshoots and/or resolves software, operating system, and networking problems. The Contact Center Systems Administrator - 3 schedules, performs, and/or monitors system backups and/or, when necessary, performs data recoveries. Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.		
Contact Center Systems Administrator - 2	The Contact Center Systems Administrator - Level 2 may develop, run tests on, implement, or maintain operating system and related software. The Contact Center Systems Administrator - 2s establish and implement standards for computer operations for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and/or resolves software, operating system, and networking problems. The Contact Center Systems Administrator - 2 schedules, performs, or monitors system backups and, when necessary, performs data recoveries. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.	3	Bachelors
Contact Center Systems Administrator - 1 **	The Contact Center Systems Administrator - Level 1 may develop, run tests on, implement, or maintain operating system and related software. The Contact Center Systems Administrator - Level 1s establish and implement standards for computer operations for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and/or resolves software, operating system, and networking problems. The Contact Center Systems Administrator - Level 1 schedules, performs, or monitors system backups or, when necessary, performs data recoveries. The Level 1 performs more routine aspects of the position and is supervised by higher levels.	0	Bachelors in process
Contact Center Systems Architect - 3	The Contact Center Systems Architect - Level 3 provides thought leadership related to current and future customer plans with regard to the stated information technology. The Contact Center Systems Architect - Level 3 possesses knowledge of the future direction and trends associated with information technology. The Contact Center Systems Architect - 3 has experience in designing and implementing information architecture solutions for contact centers, including information technology. The Contact Center Systems Architect - Level 3 designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.	10	Bachelors
Contact Center Systems Architect - 2	The Contact Center Systems Architect - Level 2 provides thought leadership related to current and future customer plans with regard to the stated	8	Bachelors

	<p>information technology. The Contact Center Systems Architect - Level 2 possesses knowledge of the future direction and trends associated with information technology. The Contact Center Systems Architect - Level 2 has experience in designing and implementing information architecture solutions for contact centers, including information technology. The Contact Center Systems Architect - Level 2 designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>		
<p>Contact Center Systems Architect - 1</p>	<p>The Contact Center Systems Architect - Level 1 provides thought leadership related to current and future customer plans with regard to the stated information technology. The Contact Center Systems Architect - Level 1 possesses knowledge of the future direction and trends associated with information technology. The Contact Center Systems Architect - Level 1 has experience in designing and implementing information architecture solutions for contact centers, including information technology. The Contact Center Systems Architect - Level 1 designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	6	Bachelors
<p>Contact Center Systems Engineer - 3</p>	<p>The Contact Center Systems Engineer - Level 3 provides knowledge in design, architecture, development and administration. May perform the following tasks: monitor existing systems for structural integrity , oversee the development and installation of new hardware and software, install and configure operating systems and other software and routinely test installed software for glitch detection and other issues, provide technical direction to IT support staff , design and implement security systems and redundant backups to maintain data safety , write custom scripts to reduce the need for human intervention, Create scalable, automated solutions for our customer base , establish multi-platform versions of the software package, write tests for existing and created code to ensure compatibility and stability, evaluate, recommend, and implement automated test tools and strategies, design, implement, and conduct test and evaluation procedures to ensure system requirements are met, evaluate hardware and software and resolve LAN/MAN/WAN network related problems. Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.</p>	3	Bachelors

Contact Center Systems Engineer - 2	<p>The Contact Center Systems Engineer - Level 2 provides knowledge in design, architecture, development and administration. May perform the following tasks: monitor existing systems for structural integrity , oversee the development and installation of new hardware and software, install and configure operating systems and other software and routinely test installed software for glitch detection and other issues, provide technical direction to IT support staff , design and implement security systems and redundant backups to maintain data safety , write custom scripts to reduce the need for human intervention, Create scalable, automated solutions for our customer base , establish multi-platform versions of the software package, write tests for existing and created code to ensure compatibility and stability, evaluate, recommend, and implement automated test tools and strategies, design, implement, and conduct test and evaluation procedures to ensure system requirements are met, evaluate hardware and software and resolve LAN/MAN/WAN network related problems. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	<p>2</p>	<p>Bachelors</p>
Contact Center Systems Engineer - 1	<p>The Contact Center Systems Engineer - Level 1 provides knowledge in design, architecture, development and administration. May perform the following tasks: monitor existing systems for structural integrity , oversee the development and installation of new hardware and software, install and configure operating systems and other software and routinely test installed software for glitch detection and other issues, provide technical direction to IT support staff , design and implement security systems and redundant backups to maintain data safety , write custom scripts to reduce the need for human intervention, Create scalable, automated solutions for our customer base , establish multi-platform versions of the software package, write tests for existing and created code to ensure compatibility and stability, evaluate, recommend, and implement automated test tools and strategies, design, implement, and conduct test and evaluation procedures to ensure system requirements are met, evaluate hardware and software and resolve LAN/MAN/WAN network related problems. Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	<p>0</p>	<p>Bachelors in process</p>
Contact Center Trainer - 3 **	<p>The Contact Center Trainer - Level 3 develops teaching outlines and determines instructional methods, using knowledge of specified training needs and effectiveness of such methods as individual training, group instruction, lectures, demonstrations, conferences, meetings, or workshops. This individual prepares, organizes and heads training sessions covering standard training, specialized training or counseling in designated areas. Level 3 is highly</p>	<p>5</p>	<p>Bachelors</p>

	competent in subject matter and concepts and may lead individuals assisting in the work.		
Contact Center Trainer - 2 **	The Contact Center Trainer - Level 2 develops teaching outlines and determines instructional methods, using knowledge of specified training needs and effectiveness of such methods as individual training, group instruction, lectures, demonstrations, conferences, meetings, or workshops. This individual prepares, organizes and heads training sessions covering standard training, specialized training or counseling in designated areas. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.	3	Bachelors
Contact Center Trainer - 1 **	The Contact Center Trainer - Level 1 develops teaching outlines and determines instructional methods, using knowledge of specified training needs and effectiveness of such methods as individual training, group instruction, lectures, demonstrations, conferences, meetings, or workshops. This individual prepares, organizes and heads training sessions covering standard training, specialized training or counseling in designated areas. Level 1 performs more routine aspects of the position and is supervised by higher levels.	0	Bachelors
Contact Center Workforce Analyst - 3 **	<p>The Contact Center Workforce Analyst - Level 3 role is responsible for tracking and analyzing call volume, call routing, service level performance, agent schedules and schedule adherence, as well as user profile administration. They report findings and recommend solutions to the Workforce Manager and Operations Teams to ensure productivity standards are met and that scheduling and staffing adjustments are made as authorized by Workforce Manager, Operations, and/or Project Leadership as appropriate. May perform some/all of the following tasks:</p> <ul style="list-style-type: none"> • Build resourcing plans and agent schedules meet service levels and business objectives • Coordinate across locations and with Operations to identify risks to and (as authorized) take appropriate action to meet service levels and business objectives • Assist Operations teams and agents with scheduling needs • Provide recommendations for improving service level performance • May be tasked to assist with answering phone calls or other contacts as needed to meet service levels and business objectives <p>Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.</p>	5	Bachelors
Contact Center Workforce Analyst - 2 **	The Contact Center Workforce Analyst - Level 2 role is responsible for tracking and analyzing call volume, call routing, service level performance, agent schedules	3	Associates

	<p>and schedule adherence, as well as user profile administration. They report findings and recommend solutions to the Workforce Manager and Operations Teams to ensure productivity standards are met and that scheduling and staffing adjustments are made as authorized by Workforce Manager, Operations, and/or Project Leadership as appropriate. May perform some/all of the following tasks:</p> <ul style="list-style-type: none"> • Build resourcing plans and agent schedules meet service levels and business objectives • Coordinate across locations and with Operations to identify risks to and (as authorized) take appropriate action to meet service levels and business objectives • Assist Operations teams and agents with scheduling needs • Provide recommendations for improving service level performance • May be tasked to assist with answering phone calls or other contacts as needed to meet service levels and business objectives <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>		
Contact Center Workforce Analyst - 1 **	<p>The Contact Center Workforce Analyst - Level 1 role is responsible for tracking and analyzing call volume, call routing, service level performance, agent schedules and schedule adherence, as well as user profile administration. They report findings and recommend solutions to the Workforce Manager and Operations Teams to ensure productivity standards are met and that scheduling and staffing adjustments are made as authorized by Workforce Manager, Operations, and/or Project Leadership as appropriate. May perform some/all of the following tasks:</p> <ul style="list-style-type: none"> • Build resourcing plans and agent schedules meet service levels and business objectives • Coordinate across locations and with Operations to identify risks to and (as authorized) take appropriate action to meet service levels and business objectives • Assist Operations teams and agents with scheduling needs • Provide recommendations for improving service level performance • May be tasked to assist with answering phone calls or other contacts as needed to meet service levels and business objectives <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	0	Associates
Contact Center Workforce	<p>The Contact Center Workforce Manager - Expert defines and maintains organizational structure, roles</p>	10	Bachelors

Manager - Expert	<p>and responsibilities or staffing for the Service Management Team. May perform the following:</p> <ul style="list-style-type: none"> • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Responsible for supporting in audit activities and take steps to ensure all gaps are addressed in a timely manner • Ensuring that all KPI targets are being achieved • Provide periodic status reports/communications to stakeholders on Major incidents, other priority incidents and issues • Weekly communication to management on issues, risks, accomplishments, SLA breaches, and KPIs • Communicate status updates to executive leadership • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Ensure compliance to the Service Delivery Operating Model and Service Delivery processes, leverage tool • Plan for and manage demand fulfillment based on priority • Measure and monitor demand to make sure demand is met on a timely basis and within budget, and expectations are met or exceeded • Identify resource requirements defined by skills and experience using resources effectively. • Define team member roles and expectations, and gain timely feedback • Manage day-to-day relationships with teaming partners and suppliers • Identify and implement best practices, continuous improvements. <p>The Contact Center Workforce Manager - Expert is highly competent in subject matter and concepts and may lead individuals assisting in the work.</p>		
Contact Center Workforce Manager - 3	<p>The Contact Center Workforce Manager - Level 3 defines and maintains organizational structure, roles and responsibilities or staffing for the Service Management Team. May perform the following:</p> <ul style="list-style-type: none"> • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Responsible for supporting in audit activities and take steps to ensure all gaps are addressed in a timely manner • Ensuring that all KPI targets are being achieved 	<p>6</p>	<p>Bachelors</p>

	<ul style="list-style-type: none"> • Provide periodic status reports/communications to stakeholders on Major incidents, other priority incidents and issues • Weekly communication to management on issues, risks, accomplishments, SLA breaches, and KPIs • Communicate status updates to executive leadership • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Ensure compliance to the Service Delivery Operating Model and Service Delivery processes, leverage tool • Plan for and manage demand fulfillment based on priority • Measure and monitor demand to make sure demand is met on a timely basis and within budget, and expectations are met or exceeded • Identify resource requirements defined by skills and experience using resources effectively. • Define team member roles and expectations, and gain timely feedback • Manage day-to-day relationships with teaming partners and suppliers • Identify and implement best practices, continuous improvements. <p>Level 3 is highly competent in subject matter and concepts and may lead individuals assisting in the work.</p>		
Contact Center Workforce Manager - 2	<p>The Contact Center Workforce Manager - Level 2 defines and maintains organizational structure, roles and responsibilities or staffing for the Service Management Team. May perform the following:</p> <ul style="list-style-type: none"> • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Responsible for supporting in audit activities and take steps to ensure all gaps are addressed in a timely manner • Ensuring that all KPI targets are being achieved • Provide periodic status reports/communications to stakeholders on Major incidents, other priority incidents and issues • Weekly communication to management on issues, risks, accomplishments, SLA breaches, and KPIs • Communicate status updates to executive leadership • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Ensure compliance to the Service Delivery Operating Model and Service Delivery processes, leverage tool 	4	Bachelors

	<ul style="list-style-type: none"> • Plan for and manage demand fulfillment based on priority • Measure and monitor demand to make sure demand is met on a timely basis and within budget, and expectations are met or exceeded • Identify resource requirements defined by skills and experience using resources effectively • Define team member roles and expectations, and gain timely feedback • Manage day-to-day relationships with teaming partners and suppliers • Identify and implement best practices, continuous improvements <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>		
Contact Center Workforce Manager - 1	<p>The Contact Center Workforce Manager - Level 1 defines and maintains organizational structure, roles and responsibilities or staffing for the Service Management Team. May perform the following:</p> <ul style="list-style-type: none"> • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements • Responsible for supporting in audit activities and take steps to ensure all gaps are addressed in a timely manner • D58 Ensuring that all KPI targets are being achieved • Provide periodic status reports/communications to stakeholders on Major incidents, other priority incidents and issues • Weekly communication to management on issues, risks, accomplishments, SLA breaches, and KPIs • Communicate status updates to executive leadership • Manage the entire Service Delivery unit or a sub-segment of the Service Delivery unit according to the agreed-upon Service Level Agreements and Operational Level Agreements. • Ensure compliance to the Service Delivery Operating Model and Service Delivery processes, leverage tool • Plan for and manage demand fulfillment based on priority • Measure and monitor demand to make sure demand is met on a timely basis and within budget, and expectations are met or exceeded • Identify resource requirements defined by skills and experience using resources effectively • Define team member roles and expectations, and gain timely feedback • Manage day-to-day relationships with teaming partners and suppliers 	2	Bachelors

	<ul style="list-style-type: none"> Identify and implement best practices, continuous improvements <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>		
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**** Denotes Labor Category subject to Service Contract Labor Standard (SCLS)
All Prices include the 0.75% Industrial Funding Fee (IFF)**

Education Substitutions for SIN 561422 Labor Categories:

Education and experience may be substituted for each other. Each year of relevant experience may be substituted for one year of education and vice versa. In addition, professional certifications and vocational technical training may be substituted for experience or education.

Degree	Experience Equivalent	Other Equivalent
High School	<ul style="list-style-type: none"> N/A 	GED
Associate’s	<ul style="list-style-type: none"> Two years relevant experience 	Vocational or technical training in work-related field
Bachelor’s	<ul style="list-style-type: none"> Associate’s degree plus two years relevant experience, or four years relevant experience 	Professional certification
Master’s	<ul style="list-style-type: none"> Bachelor’s degree plus two years of relevant experience, or Associate’s degree plus four years relevant experience, or six years relevant experience 	
PhD/Doctorate	<ul style="list-style-type: none"> Master’s degree plus two years relevant experience or Bachelor’s degree plus four years relevant experience or Associate’s degree plus six years relevant experience or eight years relevant experience. 	

- *Completion of higher education which has not yet resulted in a degree may be counted one-for-one years of experience for each year of higher education and may be used to satisfy experience requirements. For example, three years of a Bachelor program of studies is equivalent to three years of relevant experience.

Experience Substitutions for SIN 561422 Labor Categories:

Advanced Degree	Equal-To Years of Experience
Master	Two years
PhD/Doctorate	Four years

- *May be used to satisfy experience requirements when the minimum Education requirements are met. E.g. a requirement for a Bachelor’s degree and 4 years of experience can be satisfied by a resource with a Master’s degree and 2 years of experience.

2.5.2 Labor Categories and Rates (SIN 561422, formerly 132 20)

2.5.2.1 Customer Facility

Labor Categories at Customer Facility	Base Period				
	Year 1	Year 2	Year 3	Year 4	Year 5

("Government Site")	7/12/17 - 7/11/18	7/12/18 - 4/9/19	4/10/19 - 7/11/19	7/12/19 - 7/11/20	7/12/20 - 7/11/21	7/12/21 - 7/11/22
Contact Center Security Specialist – 3	N/A	N/A	N/A	\$140.81	\$144.89	\$149.09
Contact Center Security Specialist – 2	N/A	N/A	N/A	\$127.18	\$130.87	\$134.67
Contact Center Security Specialist – 1	N/A	N/A	N/A	\$119.04	\$122.49	\$126.04
Contact Center Finance Analyst – 3	N/A	N/A	N/A	\$110.58	\$113.79	\$117.09
Contact Center Finance Analyst – 2	N/A	N/A	N/A	\$92.59	\$95.28	\$98.04
Contact Center Finance Analyst – 1	N/A	N/A	N/A	\$85.45	\$87.93	\$90.48
Contact Center Enterprise Architect – 3	N/A	N/A	N/A	\$249.47	\$256.70	\$264.14
Contact Center Enterprise Architect – 2	N/A	N/A	N/A	\$226.43	\$233.00	\$239.76
Contact Center Enterprise Architect – 1	N/A	N/A	N/A	\$200.19	\$206.00	\$211.97
Contact Center Customer Service and Support Tech - 3 **	N/A	N/A	N/A	\$92.85	\$95.54	\$98.31
Contact Center Customer Service and Support Tech - 2 **	N/A	N/A	N/A	\$69.22	\$71.23	\$73.30
Contact Center Customer Service and Support Tech - 1 **	N/A	N/A	N/A	\$48.34	\$49.74	\$51.18
Contact Center Workforce Analyst - 3 **	N/A	N/A	N/A	\$79.32	\$81.62	\$83.99
Contact Center Workforce Analyst - 2 **	N/A	N/A	N/A	\$69.52	\$71.54	\$73.61
Contact Center Workforce Analyst - 1 **	N/A	N/A	N/A	\$53.93	\$55.49	\$57.10
Contact Center Reporting Analyst – 3	N/A	N/A	N/A	\$98.50	\$101.36	\$104.30
Contact Center Reporting Analyst – 2	N/A	N/A	N/A	\$86.51	\$89.02	\$91.60
Contact Center Reporting Analyst – 1	N/A	N/A	N/A	\$79.84	\$82.16	\$84.54
Contact Center Operations Director – 3	N/A	N/A	N/A	\$205.25	\$211.20	\$217.32
Contact Center Operations Director – 2	N/A	N/A	N/A	\$176.50	\$181.62	\$186.89
Contact Center Operations Director – 1	N/A	N/A	N/A	\$162.30	\$167.01	\$171.85
Contact Center Cyber Systems Administrator – 3	N/A	N/A	N/A	\$124.58	\$128.19	\$131.91
Contact Center Cyber Systems Administrator - 2 **	N/A	N/A	N/A	\$116.84	\$120.23	\$123.72
Contact Center Cyber Security Architect – 3	N/A	N/A	N/A	\$226.43	\$233.00	\$239.76

Contact Center Cyber Security Architect – 2	N/A	N/A	N/A	\$200.19	\$206.00	\$211.97
Contact Center Application Developer – 3	N/A	N/A	N/A	\$129.90	\$133.67	\$137.55
Contact Center Application Developer – 2	N/A	N/A	N/A	\$117.72	\$121.13	\$124.64
Contact Center Application Developer - 1 **	N/A	N/A	N/A	\$101.77	\$104.72	\$107.76
Contact Center Analytics Specialist – 3	N/A	N/A	N/A	\$131.58	\$135.40	\$139.33
Contact Center Analytics Specialist – 2	N/A	N/A	N/A	\$96.69	\$99.49	\$102.38
Contact Center Analytics Specialist – 1	N/A	N/A	N/A	\$88.27	\$90.83	\$93.46
Contact Center Applications Systems Analyst - 3 **	N/A	N/A	N/A	\$101.77	\$104.72	\$107.76
Contact Center Applications Systems Analyst - 2 **	N/A	N/A	N/A	\$91.23	\$93.88	\$96.60
Contact Center Applications Systems Analyst - 1 **	N/A	N/A	N/A	\$70.68	\$72.73	\$74.84
Contact Center Systems Architect – 3	N/A	N/A	N/A	\$249.47	\$256.70	\$264.14
Contact Center Systems Architect – 2	N/A	N/A	N/A	\$226.43	\$233.00	\$239.76
Contact Center Systems Architect – 1	N/A	N/A	N/A	\$200.19	\$206.00	\$211.97
Contact Center Systems Engineer – 3	N/A	N/A	N/A	\$129.90	\$133.67	\$137.55
Contact Center Systems Engineer – 2	N/A	N/A	N/A	\$117.72	\$121.13	\$124.64
Contact Center Systems Engineer – 1	N/A	N/A	N/A	\$101.77	\$104.72	\$107.76
Contact Center Program Manager – Expert	N/A	N/A	N/A	\$436.79	\$449.46	\$462.49
Contact Center Business Analyst – 3	N/A	N/A	N/A	\$128.09	\$131.80	\$135.62
Contact Center Business Analyst – 2	N/A	N/A	N/A	\$109.26	\$112.43	\$115.69
Contact Center Business Analyst – 1	N/A	N/A	N/A	\$98.42	\$101.27	\$104.21
Contact Center Customer Service and Support Tech Supervisor – 3	N/A	N/A	N/A	\$112.62	\$115.89	\$119.25
Contact Center Customer Service and Support Tech Supervisor – 2	N/A	N/A	N/A	\$101.51	\$104.45	\$107.48
Contact Center Customer Service and Support Tech Supervisor – 1	N/A	N/A	N/A	\$81.26	\$83.62	\$86.04

Contact Center Customer Service and Support Tech Manager – 3	N/A	N/A	N/A	\$137.93	\$141.93	\$146.05
Contact Center Customer Service and Support Tech Manager – 2	N/A	N/A	N/A	\$125.50	\$129.14	\$132.89
Contact Center Customer Service and Support Tech Manager – 1	N/A	N/A	N/A	\$121.09	\$124.60	\$128.21
Contact Center Quality Specialist – 3	N/A	N/A	N/A	\$106.98	\$110.08	\$113.27
Contact Center Quality Specialist – 2	N/A	N/A	N/A	\$90.53	\$93.16	\$95.86
Contact Center Quality Specialist – 1	N/A	N/A	N/A	\$85.99	\$88.48	\$91.05
Contact Center Systems Administrator – 3	N/A	N/A	N/A	\$124.58	\$128.19	\$131.91
Contact Center Systems Administrator – 2	N/A	N/A	N/A	\$103.36	\$106.36	\$109.44
Contact Center Systems Administrator - 1 **	N/A	N/A	N/A	\$108.00	\$111.13	\$114.35
Contact Center Project Manager – Expert	N/A	N/A	N/A	\$227.60	\$234.20	\$240.99
Contact Center Project Manager – 3	N/A	N/A	N/A	\$162.98	\$167.71	\$172.57
Contact Center Project Manager – 2	N/A	N/A	N/A	\$150.24	\$154.60	\$159.08
Contact Center Project Manager – 1	N/A	N/A	N/A	\$141.61	\$145.72	\$149.95
Contact Center Program Manager – 3	N/A	N/A	N/A	\$282.25	\$290.44	\$298.86
Contact Center Program Manager – 2	N/A	N/A	N/A	\$234.10	\$240.89	\$247.88
Contact Center Program Manager – 1	N/A	N/A	N/A	\$189.91	\$195.42	\$201.09
Contact Center Subject Matter Expert – 3	N/A	N/A	N/A	\$319.05	\$328.30	\$337.82
Contact Center Subject Matter Expert – 2	N/A	N/A	N/A	\$250.38	\$257.64	\$265.11
Contact Center Subject Matter Expert – 1	N/A	N/A	N/A	\$208.60	\$214.65	\$220.87
Contact Center Trainer - 3 **	N/A	N/A	N/A	\$122.13	\$125.67	\$129.31
Contact Center Trainer - 2 **	N/A	N/A	N/A	\$89.13	\$91.71	\$94.37
Contact Center Trainer - 1 **	N/A	N/A	N/A	\$81.74	\$84.11	\$86.55
Contact Center Workforce Manager – Expert	N/A	N/A	N/A	\$145.48	\$149.70	\$154.04
Contact Center Workforce Manager – 3	N/A	N/A	N/A	\$122.41	\$125.96	\$129.61
Contact Center Workforce Manager – 2	N/A	N/A	N/A	\$111.06	\$114.28	\$117.59

Contact Center Workforce Manager – 1	N/A	N/A	N/A	\$103.01	\$106.00	\$109.07
Contact Center Mobilization Specialist – 3	N/A	N/A	N/A	\$250.38	\$257.64	\$265.11
Contact Center Mobilization Specialist – 2	N/A	N/A	N/A	\$183.93	\$189.26	\$194.75
Contact Center Mobilization Specialist – 1	N/A	N/A	N/A	\$147.47	\$151.75	\$156.15
Contact Center Knowledge Manager – 3	N/A	N/A	N/A	\$124.24	\$127.84	\$131.55
Contact Center Knowledge Manager – 2	N/A	N/A	N/A	\$103.62	\$106.62	\$109.71
Contact Center Knowledge Manager – 1	N/A	N/A	N/A	\$96.13	\$98.92	\$101.79
Contact Center Business Analyst – Expert	N/A	N/A	N/A	\$150.68	\$155.05	\$159.55

*Note: Prices include the 0.75% Industrial Funding Fee (IFF).

*Note: SIN 561422 was awarded on October 2, 2019. Rates valid from this date forward within Year 3.

2.5.2.2 Contractor Facility

Labor Categories at Contractor Facility ("Contractor Site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/17 - 7/11/18	7/12/18 - 4/9/19	4/10/19 - 7/11/19	7/12/19 - 7/11/20	7/12/20 - 7/11/21	7/12/21 - 7/11/22
Contact Center Security Specialist – 3	N/A	N/A	N/A	\$148.97	\$153.29	\$157.74
Contact Center Security Specialist – 2	N/A	N/A	N/A	\$134.56	\$138.46	\$142.48
Contact Center Security Specialist – 1	N/A	N/A	N/A	\$125.97	\$129.62	\$133.38
Contact Center Finance Analyst – 3	N/A	N/A	N/A	\$117.01	\$120.40	\$123.89
Contact Center Finance Analyst – 2	N/A	N/A	N/A	\$97.97	\$100.81	\$103.73
Contact Center Finance Analyst – 1	N/A	N/A	N/A	\$90.42	\$93.04	\$95.74
Contact Center Enterprise Architect – 3	N/A	N/A	N/A	\$261.19	\$268.76	\$276.55
Contact Center Enterprise Architect – 2	N/A	N/A	N/A	\$237.04	\$243.91	\$250.98
Contact Center Enterprise Architect – 1	N/A	N/A	N/A	\$209.57	\$215.65	\$221.90
Contact Center Customer Service and Support Tech - 3 **	N/A	N/A	N/A	\$97.89	\$100.73	\$103.65
Contact Center Customer Service and Support Tech - 2 **	N/A	N/A	N/A	\$73.01	\$75.13	\$77.31
Contact Center Customer Service and Support Tech - 1 **	N/A	N/A	N/A	\$50.99	\$52.47	\$53.99

Contact Center Workforce Analyst - 3 **	N/A	N/A	N/A	\$83.66	\$86.09	\$88.59
Contact Center Workforce Analyst - 2 **	N/A	N/A	N/A	\$73.30	\$75.43	\$77.62
Contact Center Workforce Analyst - 1 **	N/A	N/A	N/A	\$56.88	\$58.53	\$60.23
Contact Center Reporting Analyst – 3	N/A	N/A	N/A	\$104.22	\$107.24	\$110.35
Contact Center Reporting Analyst – 2	N/A	N/A	N/A	\$91.54	\$94.19	\$96.92
Contact Center Reporting Analyst – 1	N/A	N/A	N/A	\$84.44	\$86.89	\$89.41
Contact Center Operations Director – 3	N/A	N/A	N/A	\$217.16	\$223.46	\$229.94
Contact Center Operations Director – 2	N/A	N/A	N/A	\$186.74	\$192.16	\$197.73
Contact Center Operations Director – 1	N/A	N/A	N/A	\$171.73	\$176.71	\$181.83
Contact Center Cyber Systems Administrator – 3	N/A	N/A	N/A	\$131.82	\$135.64	\$139.57
Contact Center Cyber Systems Administrator - 2 **	N/A	N/A	N/A	\$123.21	\$126.78	\$130.46
Contact Center Cyber Security Architect – 3	N/A	N/A	N/A	\$237.04	\$243.91	\$250.98
Contact Center Cyber Security Architect – 2	N/A	N/A	N/A	\$209.57	\$215.65	\$221.90
Contact Center Application Developer – 3	N/A	N/A	N/A	\$136.00	\$139.94	\$144.00
Contact Center Application Developer – 2	N/A	N/A	N/A	\$123.23	\$126.80	\$130.48
Contact Center Application Developer - 1 **	N/A	N/A	N/A	\$106.55	\$109.64	\$112.82
Contact Center Analytics Specialist – 3	N/A	N/A	N/A	\$139.20	\$143.24	\$147.39
Contact Center Analytics Specialist – 2	N/A	N/A	N/A	\$102.31	\$105.28	\$108.33
Contact Center Analytics Specialist – 1	N/A	N/A	N/A	\$93.40	\$96.11	\$98.90
Contact Center Applications Systems Analyst - 3 **	N/A	N/A	N/A	\$106.55	\$109.64	\$112.82
Contact Center Applications Systems Analyst - 2 **	N/A	N/A	N/A	\$95.52	\$98.29	\$101.14
Contact Center Applications Systems Analyst - 1 **	N/A	N/A	N/A	\$73.99	\$76.14	\$78.35
Contact Center Systems Architect – 3	N/A	N/A	N/A	\$261.19	\$268.76	\$276.55
Contact Center Systems Architect – 2	N/A	N/A	N/A	\$237.04	\$243.91	\$250.98
Contact Center Systems Architect – 1	N/A	N/A	N/A	\$209.57	\$215.65	\$221.90

Contact Center Systems Engineer – 3	N/A	N/A	N/A	\$136.00	\$139.94	\$144.00
Contact Center Systems Engineer – 2	N/A	N/A	N/A	\$123.23	\$126.80	\$130.48
Contact Center Systems Engineer – 1	N/A	N/A	N/A	\$106.55	\$109.64	\$112.82
Contact Center Program Manager – Expert	N/A	N/A	N/A	\$456.57	\$469.81	\$483.43
Contact Center Business Analyst – 3	N/A	N/A	N/A	\$135.52	\$139.45	\$143.49
Contact Center Business Analyst – 2	N/A	N/A	N/A	\$115.61	\$118.96	\$122.41
Contact Center Business Analyst – 1	N/A	N/A	N/A	\$104.12	\$107.14	\$110.25
Contact Center Customer Service and Support Tech Supervisor – 3	N/A	N/A	N/A	\$119.15	\$122.61	\$126.17
Contact Center Customer Service and Support Tech Supervisor – 2	N/A	N/A	N/A	\$107.40	\$110.51	\$113.71
Contact Center Customer Service and Support Tech Supervisor – 1	N/A	N/A	N/A	\$85.97	\$88.46	\$91.03
Contact Center Customer Service and Support Tech Manager – 3	N/A	N/A	N/A	\$145.94	\$150.17	\$154.52
Contact Center Customer Service and Support Tech Manager – 2	N/A	N/A	N/A	\$132.79	\$136.64	\$140.60
Contact Center Customer Service and Support Tech Manager – 1	N/A	N/A	N/A	\$128.12	\$131.84	\$135.66
Contact Center Quality Specialist – 3	N/A	N/A	N/A	\$113.18	\$116.46	\$119.84
Contact Center Quality Specialist – 2	N/A	N/A	N/A	\$95.77	\$98.55	\$101.41
Contact Center Quality Specialist – 1	N/A	N/A	N/A	\$90.98	\$93.62	\$96.33
Contact Center Systems Administrator – 3	N/A	N/A	N/A	\$131.82	\$135.64	\$139.57
Contact Center Systems Administrator – 2	N/A	N/A	N/A	\$109.35	\$112.52	\$115.78
Contact Center Systems Administrator - 1 **	N/A	N/A	N/A	\$113.90	\$117.20	\$120.60
Contact Center Project Manager – Expert	N/A	N/A	N/A	\$237.91	\$244.81	\$251.91
Contact Center Project Manager – 3	N/A	N/A	N/A	\$170.99	\$175.95	\$181.05
Contact Center Project Manager – 2	N/A	N/A	N/A	\$157.62	\$162.19	\$166.89
Contact Center Project Manager – 1	N/A	N/A	N/A	\$148.57	\$152.88	\$157.31
Contact Center Program Manager – 3	N/A	N/A	N/A	\$296.12	\$304.71	\$313.55
Contact Center Program Manager – 2	N/A	N/A	N/A	\$245.59	\$252.71	\$260.04

Contact Center Program Manager – 1	N/A	N/A	N/A	\$199.24	\$205.02	\$210.97
Contact Center Subject Matter Expert – 3	N/A	N/A	N/A	\$333.51	\$343.18	\$353.13
Contact Center Subject Matter Expert – 2	N/A	N/A	N/A	\$261.72	\$269.31	\$277.12
Contact Center Subject Matter Expert – 1	N/A	N/A	N/A	\$218.07	\$224.39	\$230.90
Contact Center Trainer - 3 **	N/A	N/A	N/A	\$128.80	\$132.54	\$136.38
Contact Center Trainer - 2 **	N/A	N/A	N/A	\$93.99	\$96.72	\$99.52
Contact Center Trainer - 1 **	N/A	N/A	N/A	\$86.21	\$88.71	\$91.28
Contact Center Workforce Manager – Expert	N/A	N/A	N/A	\$153.91	\$158.37	\$162.96
Contact Center Workforce Manager – 3	N/A	N/A	N/A	\$129.51	\$133.27	\$137.13
Contact Center Workforce Manager – 2	N/A	N/A	N/A	\$117.49	\$120.90	\$124.41
Contact Center Workforce Manager – 1	N/A	N/A	N/A	\$109.00	\$112.16	\$115.41
Contact Center Mobilization Specialist – 3	N/A	N/A	N/A	\$261.72	\$269.31	\$277.12
Contact Center Mobilization Specialist – 2	N/A	N/A	N/A	\$192.27	\$197.85	\$203.59
Contact Center Mobilization Specialist – 1	N/A	N/A	N/A	\$154.15	\$158.62	\$163.22
Contact Center Knowledge Manager – 3	N/A	N/A	N/A	\$131.44	\$135.25	\$139.17
Contact Center Knowledge Manager – 2	N/A	N/A	N/A	\$109.63	\$112.81	\$116.08
Contact Center Knowledge Manager – 1	N/A	N/A	N/A	\$101.70	\$104.65	\$107.68
Contact Center Business Analyst - Expert	N/A	N/A	N/A	\$159.41	\$164.03	\$168.79

*Note: Prices include the 0.75% Industrial Funding Fee (IFF).

*Note: SIN 561422 was awarded on October 2, 2019. Rates valid from this date forward within Year 3.

Service Contract Labor Standard Matrix – Automated Contact Center Solutions: Special Item 561422

Service Contract Labor Standard Matrix (“SCLS Matrix”)		
SCLS Eligible Contract Labor Category	SCLS Equivalent Code - Title	WD Number
Contact Center Customer Service and Support Tech - 3 **	01043 - Customer Service Representative III	2015-4281
Contact Center Customer Service and Support Tech - 2 **	01042 - Customer Service Representative II	2015-4281
Contact Center Customer Service and Support Tech - 1 **	01041 - Customer Service Representative I	2015-4281
Contact Center Workforce Analyst - 3 **	01043 - Customer Service Representative III	2015-4281
Contact Center Workforce Analyst - 2 **	01042 - Customer Service Representative II	2015-4281

Contact Center Workforce Analyst - 1 **	01041 - Customer Service Representative I	2015-4281
Contact Center Cyber Systems Administrator - 2 **	14042 - Computer Operator II	2015-4281
Contact Center Systems Administrator – 1 **	14041 - Computer Operator I	2015-4281
Contact Center Trainer - 3 **	15095 - Technical Instructor/Course Developer	2015-4281
Contact Center Trainer - 2 **	15090 - Technical Instructor	2015-4281
Contact Center Trainer - 1 **	15090 - Technical Instructor	2015-4281
Contact Center Application Developer - 1 **	14045 - Computer Operator V	2015-4281
Contact Center Applications Systems Analyst - 3 **	14045 - Computer Operator V	2015-4281
Contact Center Applications Systems Analyst - 2 **	14044 - Computer Operator IV	2015-4281
Contact Center Applications Systems Analyst - 1 **	14044 - Computer Operator IV	2015-4281

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).

3.0 Large Category: Human Capital (HC)

3.1 SIN 541612HC (formerly 595 21)

SIN 541612HC Agency Human Capital Strategy, Policy and Operations (formerly 595 21) - Professional services include but are not limited to development of effective human capital management strategies and enhanced policy. This Function contains the following Sub-Functions: A.1.1 Workforce Planning; A.1.2 Human Capital Strategy; A.1.3 Organizational Design and Position Classification; A.1.4 Diversity and Inclusion; A.1.5 Employee Engagement and Communications; A.1.6 Organizational Development (OPM\Federal Human Capital Business Reference Model).

- A.1.1 Workforce Planning – the continual, systematic process for identifying and addressing the gaps between the workforce of today and the human capital needs of tomorrow (e.g., size, type, experience, knowledge, skills, mission, competencies, etc.) including the strategic succession management to strengthen current and future organization leadership capacity, to achieve organizational objectives and remain resilient to internal and environmental changes.
 - Contractor shall provide support in systematic approaches to forecasting the future demand for and supply of employees.
- A.1.2 Human Capital Strategy – Human Capital Strategy includes identifying strategic HR needs, defining HR and business function roles and accountabilities, determining HR costs, establishing HR measures, developing/administering HR programs and policies, developing strategies for HR systems, tools, and technologies, and developing a Human Capital service delivery plan.
- A.1.3 – Organization Design & Position Classification-Organizational Design and Position Classification involves assessing workforce composition, including the types, grades, numbers of positions, and employee skills along with workloads and work processes to align organizational and positional structures with the strategic mission and objectives of the organization.
 - Incumbents must provide HR Management Consulting, Position Classification, Integration, Change Management, Internal Placement, Succession Planning, and Internships. Position Classification.
 - Contractor must provide support services in a range of classification functions for a variety of occupations and grades in the General Schedule, the Federal Wage System, or other Federal classification systems, in accordance with Title 5, United States Code (USC) or other appropriate authorities.
- A.1.4 Diversity and Inclusion – Diversity and Inclusion involves bringing together individuals with a range of similarities and differences (including but not limited to race, ethnicity, gender, gender identity, sexual orientation, age, social class, physical ability, religious or ethical values system, national origin, and political beliefs) to create an environment of involvement, fairness, and respect where employees have

equal access to opportunities and resources, and where the richness of ideas, experiences, backgrounds, and perspectives are harnessed to create business value.

- Function Review: Contractor shall provide a review of the human resources department and other offices relating to the implementation function outsourced.
 - Function review SHALL NOT include consultation on the business improvement process or preliminary studies under OMB Circular A-76 (GSA)
- A.1.5 – Employee Engagement and Communications- Employee engagement and communications involves enhancing employees' involvement in, commitment to, and satisfaction with organizational objectives, and developing internal communications plans to manage ongoing dialogue between the organization and its employees.
 - A.1.6 – Organizational Development: (Optimization)- Organization Development is a system-wide application and transfer of behavioral science knowledge to the planned development, improvement, and reinforcement of strategies, structures, and processes that lead to organization effectiveness.

3.2 SIN 541612LOB (formerly 541612OPM, 595 22, formerly 541612PSSC 595 26)

Human Resources Line of Business (HRLOB) - Technology Solutions in support of other SINS in the Human Capital Category. Including, but not limited to: Software, technology, systems and related solutions. Services and products offered under this SIN must be in support of one or more of the 15 Functions/ 54 Sub-functions in the Human Capital Lifecycle. Please see the Human Capital Business Reference Model (HCBRM) for a full list of these functions, or refer to the other SINS in this category. The HCBRM as developed by the Office of Personnel Management (OPM) as of August 2017 is available here: <https://www.opm.gov/services-for-agencies/hr-line-of-business/hc-business-reference-model/hcbrm-map.pdf>. The Human Capital Business Reference Model as of August 2017 or later may be used

3.2.1 Labor Category Descriptions SIN 541612HC (formerly 595 21) & SIN 541612LOB, (formerly 541612OPM, 595 22, 541612PSSC, 595 26)

Labor Category Name	Labor Category Description	Min Years Experience	Min Education
Partner 1	<p>General Experience. Partner (1)s possess at least 10 years of experience in outsourcing services, business process redesign, change management efforts or information systems implementation.</p> <p>Functional Responsibility. Partner (1)s have overall accountability for business solution programs. Partner (1) s are responsible for product delivery and financial management of client engagements. A Partner 1</p>	10	Bachelor's Degree

	performs independent quality assurance reviews of program performance and deliverables to ensure that contractual obligations are being met. Partner (1)s also are recognized experts in the areas of business process redesign, technical architecture, organizational change or specific industries. They lend thought leadership to engagement teams in developing creative solutions to client business problems.		
Associate Partner 2	<p>General Experience. Associate Partner (2)s possess at least 11 years of experience in outsourcing services, business process redesign, change management efforts or information systems implementation.</p> <p>Functional Responsibility. Associate Partner (2)s have management authority for client engagements. In this capacity, they apply their extensive experience in planning and managing large scale, complex projects to control overall project scope, budgets and schedules for multi-project engagements. Associate Partner (2)s perform such duties as:</p> <ul style="list-style-type: none"> • Set overall policy direction for client engagements • Communicate with Partner and client executive management to ensure critical issues are addressed • Provide expert guidance to projects in industry and functional areas • Act as senior client liaison • Oversee contract and financial management of one or more client engagements. 	11	Bachelor's Degree
Program Manager 1	<p>General Experience. Program Manager (1)s at least 8 years of experience in outsourcing services, business process redesign, change management efforts or information systems implementation.</p> <p>Functional Responsibility. Program Manager (1)s apply their broad management skills and specialized functional and technical expertise to lead complex, large projects in delivering client solutions or to manage the operations of multiple Accenture projects. Program Managers provide subject matter expertise in industry, process or technology areas. A Program Manager (1) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Plan and manage the work of information systems project teams • Design and implement new organization structures • Conceptual design and development of training curricula • Work with client executives to facilitate organizational change programs and realize business goals • Lead clients through streamlining, reengineering and transforming business processes • Ensure consistency of quality across multiple projects • Manage client contracts. 	8	Bachelor's Degree

Program Manager 2	<p>General Experience. Program Manager (2)s at least 9 years of experience in outsourcing services, business process redesign, change management efforts or information systems implementation.</p> <p>Functional Responsibility. Program Manager (2)s apply their broad management skills and specialized functional and technical expertise to lead complex, large projects in delivering client solutions or to manage the operations of multiple Accenture projects. Program Manager (2)s provide subject matter expertise in industry, process or technology areas. A Program Manager (2) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Plan and manage the work of information systems project teams • Design and implement new organization structures • Conceptual design and development of training curricula • Work with client executives to facilitate organizational change programs and realize business goals • Lead clients through streamlining, reengineering and transforming business processes • Ensure consistency of quality across multiple projects • Manage client contracts. 	<p>9</p>	<p>Bachelor's Degree</p>
Program Manager 3	<p>General Experience. Program Manager (3)s at least 10 years of experience in outsourcing services, business process redesign, change management efforts or information systems implementation.</p> <p>Functional Responsibility. Program Manager (3)s apply their broad management skills and specialized functional and technical expertise to lead complex, large projects in delivering client solutions or to manage the operations of multiple Accenture projects. Program Manager (3)s provide subject matter expertise in industry, process or technology areas. A Program Manager (3) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Plan and manage the work of information systems project teams • Design and implement new organization structures • Conceptual design and development of training curricula • Work with client executives to facilitate organizational change programs and realize business goals • Lead clients through streamlining, reengineering and transforming business processes • Ensure consistency of quality across multiple projects • Manage client contracts. 	<p>10</p>	<p>Bachelor's Degree</p>
Project Manager 1	<p>General Experience. Project Manager (1)s possess at least 6 years of experience in outsourcing services, business process redesign, change management efforts or information systems implementation.</p>	<p>6</p>	<p>Bachelor's Degree</p>

	<p>Functional Responsibility. Project Manager (1)s apply their broad management skills and specialized functional and technical expertise to guide project teams in delivering client solutions or to manage the day-to-day operations of Accenture projects. Project Manager (1)s provide subject matter expertise in HR processes or technology areas. A Project Manager (1) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Design and implement new organization structures • Conceptual design and development of training curricula • Assist an organization translate its vision and strategy into core human resource and business processes • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets. 		
Project Manager 2	<p>General Experience. Project Manager (2)s possess at least 7 years of experience in outsourcing services, business process redesign, change management efforts or information systems implementation.</p> <p>Functional Responsibility. Project Manager (2)s apply their broad management skills and specialized functional and technical expertise to guide project teams in delivering client solutions or to manage the day-to-day operations of Accenture projects. Project Manager (2)s provide subject matter expertise in HR processes or technology areas. A Project Manager (2) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Design and implement new organization structures • Conceptual design and development of training curricula • Assist an organization translate its vision and strategy into core human resource and business processes • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets. 	7	Bachelor's Degree
Project Manager 3	<p>General Experience. Project Manager (3)s possess at least 8 years of experience in outsourcing services, business process redesign, change management efforts or information systems implementation.</p> <p>Functional Responsibility. Project Manager (3)s apply their broad management skills and specialized functional and technical expertise to guide project teams in delivering client solutions or to manage the day-to-day operations of Accenture projects. Project Manager (3)s provide subject matter expertise in HR processes or technology areas. A Project Manager (3) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Design and implement new organization structures • Conceptual design and development of training curricula 	8	Bachelor's Degree

	<ul style="list-style-type: none"> • Assist an organization translate its vision and strategy into core human resource and business processes • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets. 		
Project Manager 4	<p>General Experience. Project Manager (4)s possess at least 9 years of experience in outsourcing services, business process redesign, change management efforts or information systems implementation.</p> <p>Functional Responsibility. Project Manager (4)s apply their broad management skills and specialized functional and technical expertise to guide project teams in delivering client solutions or to manage the day-to-day operations of Accenture projects. Project Manager (4)s provide subject matter expertise in HR processes or technology areas. A Project Manager (4) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Design and implement new organization structures • Conceptual design and development of training curricula • Assist an organization translate its vision and strategy into core human resource and business processes • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets. 	9	Bachelor's Degree
Project Manager 5	<p>General Experience. Project Manager (5)s possess at least 10 years of experience in outsourcing services, business process redesign, change management efforts or information systems implementation.</p> <p>Functional Responsibility. Project Manager (5)s apply their broad management skills and specialized functional and technical expertise to guide project teams in delivering client solutions or to manage the day-to-day operations of Accenture projects. Project Manager (5)s provide subject matter expertise in HR processes or technology areas. A Project Manager (5) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Design and implement new organization structures • Conceptual design and development of training curricula • Assist an organization translate its vision and strategy into core human resource and business processes • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets. 	10	Bachelor's Degree
Project Manager 6	<p>General Experience. Project Manager (6)s possess at least 11 years of experience in outsourcing services, business process redesign, change management efforts or information systems implementation.</p>	11	Bachelor's Degree

	<p>Functional Responsibility. Project Manager (6)s apply their broad management skills and specialized functional and technical expertise to guide project teams in delivering client solutions or to manage the day-to-day operations of Accenture projects. Project Manager (6)s provide subject matter expertise in HR processes or technology areas. A Project Manager (6) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Design and implement new organization structures • Conceptual design and development of training curricula • Assist an organization translate its vision and strategy into core human resource and business processes • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets. 		
<p>Project Manager 7</p>	<p>General Experience. Project Manager (7)s possess at least 12 years of experience in outsourcing services, business process redesign, change management efforts or information systems implementation.</p> <p>Functional Responsibility. Project Manager (7)s apply their broad management skills and specialized functional and technical expertise to guide project teams in delivering client solutions or to manage the day-to-day operations of Accenture projects. Project Manager (7)s provide subject matter expertise in HR processes or technology areas. A Project Manager (7) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Design and implement new organization structures • Conceptual design and development of training curricula • Assist an organization translate its vision and strategy into core human resource and business processes • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets. 	<p>12</p>	<p>Bachelor's Degree</p>
<p>HR Senior Specialist 1</p>	<p>General Experience. HR Senior Specialist (1)s possess at least 2 years of experience in Human Resource business processes.</p> <p>Functional Responsibility. HR Senior Specialist (1)s apply their advanced skills and experience in processing personnel transactions, detailed knowledge of business processes, and supervisory skills to administer human resource processes. On Accenture projects, HR Senior Specialist (1)s provide HR process services and interact with clients at the supervisory level. A HR Senior Specialist (1) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Input data into Human Resource Information Systems (HRIS) • Provide assistance on employee records 	<p>2</p>	<p>Bachelor's Degree</p>

	<ul style="list-style-type: none"> • Process personnel transactions • Prepare human resource reports • Provide daily supervision and direction to staff 		
HR Senior Specialist 2	<p>General Experience. HR Senior Specialist (2)s possess at least 3 years of experience in Human Resource business processes or training development and administration.</p> <p>Functional Responsibility. HR Senior Specialist (2)s apply their advanced skills and experience in processing personnel transactions, detailed knowledge of business processes, and supervisory skills to administer human resource processes. On Accenture projects, HR Senior Specialist (2)s provide HR process services and interact with clients at the supervisory level. A HR Senior Specialist (2) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Input data into Human Resource Information Systems (HRIS) • Provide assistance on employee records • Process personnel transactions • Prepare human resource reports • Provide daily supervision and direction to staff 	3	Bachelor's Degree
HR Senior Specialist 3	<p>General Experience. HR Senior Specialist (3)s possess at least 4 years of experience in Human Resource business processes.</p> <p>Functional Responsibility. HR Senior Specialist (3)s apply their advanced skills and experience in processing personnel transactions, detailed knowledge of business processes, and supervisory skills to administer human resource processes. On Accenture projects, HR Senior Specialist (3)s provide HR process services and interact with clients at the supervisory level. A HR Senior Specialist (3) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Input data into Human Resource Information Systems (HRIS) • Provide assistance on employee records • Process personnel transactions • Prepare human resource reports • Provide daily supervision and direction to staff 	4	Bachelor's Degree
HR Senior Specialist 4	<p>General Experience. HR Senior Specialist (4)s possess at least 5 years of experience in Human Resource business processes.</p> <p>Functional Responsibility. HR Senior Specialist (4)s apply their advanced skills and experience in processing personnel transactions, detailed knowledge of business processes, and supervisory skills to administer human resource processes. On Accenture projects, HR Senior Specialist (4)s provide HR process services and interact with clients at the supervisory</p>	5	Bachelor's Degree

	<p>level. A HR Senior Specialist (4) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Input data into Human Resource Information Systems (HRIS) • Provide assistance on employee records • Process personnel transactions • Prepare human resource reports • Provide daily supervision and direction to staff 		
HR Senior Specialist 5	<p>General Experience. HR Senior Specialist (5)s possess at least 6 years of experience in Human Resource business processes.</p> <p>Functional Responsibility. HR Senior Specialist (5)s apply their advanced skills and experience in processing personnel transactions, detailed knowledge of business processes, and supervisory skills to administer human resource processes. On Accenture projects, HR Senior Specialist (5)s provide HR process services and interact with clients at the supervisory level. A HR Senior Specialist (5) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Input data into Human Resource Information Systems (HRIS) • Provide assistance on employee records • Process personnel transactions • Prepare human resource reports • Provide daily supervision and direction to staff 	6	Bachelor's Degree
HR Senior Specialist 6	<p>General Experience. HR Senior Specialist (6)s possess at least 7 years of experience in Human Resource business processes.</p> <p>Functional Responsibility. HR Senior Specialist (6)s apply their advanced skills and experience in processing personnel transactions, detailed knowledge of business processes, and supervisory skills to administer human resource processes. On Accenture projects, HR Senior Specialist (6)s provide HR process services and interact with clients at the supervisory level. A HR Senior Specialist (6) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Input data into Human Resource Information Systems (HRIS) • Provide assistance on employee records • Process personnel transactions • Prepare human resource reports • Provide daily supervision and direction to staff 	7	Bachelor's Degree
HR Specialist 1	<p>General Experience. HR Specialist (1)s possess at least 1 year of experience in Human Resource business processes.</p> <p>Functional Responsibility. HR Specialist (1)s apply their advanced skills and experience in processing</p>	1	Bachelor's Degree

	<p>personnel transactions and detailed knowledge of business processes to administer human resource processes. On Accenture projects, HR Specialist (1)s provide HR processing services. A HR Specialist (1) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Input data into Human Resource Information Systems (HRIS) • Provide assistance on employee records • Process personnel transactions • Prepare human resource reports 		
HR Specialist 2	<p>General Experience. HR Specialist (2)s possess at least 2 years experience in Human Resource business processes.</p> <p>Functional Responsibility. HR Specialist (2)s apply their advanced skills and experience in processing personnel transactions and detailed knowledge of business processes to administer human resource processes. On Accenture projects, HR Specialist (2)s provide HR process services. A HR Specialist (2) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Input data into Human Resource Information Systems (HRIS) • Provide assistance on employee records • Process personnel transactions • Prepare human resource reports 	2	Bachelor's Degree
HR Specialist 3	<p>General Experience. HR Specialist (3)s possess at least 3 years experience in Human Resource business processes.</p> <p>Functional Responsibility. HR Specialist (3)s apply their advanced skills and experience in processing personnel transactions and detailed knowledge of business processes to administer human resource and training processes. On Accenture projects, HR Specialist (3)s provide HR process services. A HR Specialist (3) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Input data into Human Resource Information Systems (HRIS) • Provide assistance on employee records • Process personnel transactions • Prepare human resource reports 	3	Bachelor's Degree
HR Senior Advisor 1	<p>General Experience: HR Senior Advisor (1)'s possess at least 8 years of experience in federal HR.</p> <p>Functional Responsibility: HR Senior Advisor (1)'s use their federal HR expertise to provide input for complex HR situations, monitor quality and compliance of federal HR operations, assist in the formulation and validation of standard operating procedures, and provide functional support for training efforts.</p>	8	Bachelor's Degree
HR Senior Advisor 2	<p>General Experience: HR Senior Advisor (2)'s possess at least 10 years of experience in federal HR.</p>	10	Bachelor's Degree

	<p>Functional Responsibility: HR Senior Advisor (2)'s use their federal HR expertise to provide input for complex HR situations, monitor quality and compliance of federal HR operations, assist in the formulation and validation of standard operating procedures, and provide functional support for training efforts</p>		
Training Senior Specialist 1	<p>General Experience: Training Senior Specialist (1)s possess at least 2 years of experience in Human Resource business processes or training development and administration.</p> <p>Functional Responsibility: Training Senior Specialist (1)s apply their advanced functional knowledge and training experience to develop and administer training programs and classes. On Accenture projects, Training Senior Specialist (1)s provide training development and administration services and interact with clients at the supervisory level. A Training Senior Specialist (1) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Conduct the research necessary to develop and revise training courses • Prepare appropriate training catalogs • Develop all instructor materials including course outline, background material, and training aids • Develop all student materials including course manuals, workbooks, handouts, completion certificates, and course critique forms • Conduct formal classroom courses, workshops, seminars, and/or computer based/computer aided training • Provide daily supervision and direction to staff 	2	Bachelor's Degree
Training Senior Specialist 2	<p>General Experience: Training Senior Specialist (2)s possess at least 3 years of experience in Human Resource business processes or training development and administration.</p> <p>Functional Responsibility: Training Senior Specialist (2)s apply their advanced functional knowledge and training experience to develop and administer training programs and classes. On Accenture projects, Training Senior Specialist (2)s provide training development and administration services and interact with clients at the supervisory level. A Training Senior Specialist (2) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Conduct the research necessary to develop and revise training courses • Prepare appropriate training catalogs • Develop all instructor materials including course outline, background material, and training aids • Develop all student materials including course manuals, workbooks, handouts, completion certificates, and course critique forms 	3	Bachelor's Degree

	<ul style="list-style-type: none"> • Conduct formal classroom courses, workshops, seminars, and/or computer based/computer aided training • Provide daily supervision and direction to staff 		
Training Senior Specialist 3	<p>General Experience: Training Senior Specialist (3)s possess at least 4 years of experience in Human Resource business processes or training development and administration.</p> <p>Functional Responsibility: Training Senior Specialist (3)s apply their advanced functional knowledge and training experience to develop and administer training programs and classes. On Accenture projects, Training Senior Specialist (3)s provide training development and administration services and interact with clients at the supervisory level. A Training Senior Specialist (3) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Conduct the research necessary to develop and revise training courses • Prepare appropriate training catalogs • Develop all instructor materials including course outline, background material, and training aids • Develop all student materials including course manuals, workbooks, handouts, completion certificates, and course critique forms • Conduct formal classroom courses, workshops, seminars, and/or computer based/computer aided training • Provide daily supervision and direction to staff 	4	Bachelor's Degree
Training Senior Specialist 4	<p>General Experience: Training Senior Specialist (4)s possess at least 5 years of experience in Human Resource business processes or training development and administration.</p> <p>Functional Responsibility: Training Senior Specialist (4)s apply their advanced functional knowledge and training experience to develop and administer training programs and classes. On Accenture projects, Training Senior Specialist (4)s provide training development and administration services and interact with clients at the supervisory level. A Training Senior Specialist (4) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Conduct the research necessary to develop and revise training courses • Prepare appropriate training catalogs • Develop all instructor materials including course outline, background material, and training aids • Develop all student materials including course manuals, workbooks, handouts, completion certificates, and course critique forms • Conduct formal classroom courses, workshops, seminars, and/or computer based/computer aided training 	5	Bachelor's Degree

	<ul style="list-style-type: none"> • Provide daily supervision and direction to staff 		
Training Senior Specialist 5	<p>General Experience: Training Senior Specialist (5)s possess at least 6 years of experience in Human Resource business processes or training development and administration.</p> <p>Functional Responsibility: Training Senior Specialist (5)s apply their advanced functional knowledge and training experience to develop and administer training programs and classes. On Accenture projects, Training Senior Specialist (5)s provide training development and administration services and interact with clients at the supervisory level. A Training Senior Specialist (5) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Conduct the research necessary to develop and revise training courses • Prepare appropriate training catalogs • Develop all instructor materials including course outline, background material, and training aids • Develop all student materials including course manuals, workbooks, handouts, completion certificates, and course critique forms • Conduct formal classroom courses, workshops, seminars, and/or computer based/computer aided training • Provide daily supervision and direction to staff 	6	Bachelor's Degree
Training Senior Specialist 6	<p>General Experience: Training Senior Specialist (6)s possess at least 7 years of experience in Human Resource business processes or training development and administration.</p> <p>Functional Responsibility: Training Senior Specialist (6)s apply their advanced functional knowledge and training experience to develop and administer training programs and classes. On Accenture projects, Training Senior Specialist (6)s provide training development and administration services and interact with clients at the supervisory level. A Training Senior Specialist (6) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Conduct the research necessary to develop and revise training courses • Prepare appropriate training catalogs • Develop all instructor materials including course outline, background material, and training aids • Develop all student materials including course manuals, workbooks, handouts, completion certificates, and course critique forms • Conduct formal classroom courses, workshops, seminars, and/or computer based/computer aided training • Provide daily supervision and direction to staff 	7	Bachelor's Degree
Training Specialist 1	<p>General Experience: Training Specialist (1)s possess at least 1 year of experience in Human Resource</p>	1	Bachelor's Degree

	<p>business processes or training development and administration.</p> <p>Functional Responsibility: Training Specialist (1)s apply their advanced functional knowledge and training experience to develop and administer training programs and classes. A Training Specialist (1) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Conduct the research necessary to develop and revise training courses • Prepare appropriate training catalogs • Develop all instructor materials including course outline, background material, and training aids • Develop all student materials including course manuals, workbooks, handouts, completion certificates, and course critique forms • Conduct formal classroom courses, workshops, seminars, and/or computer based/computer aided training 		
Training Specialist 2	<p>General Experience: Training Specialist (2)s possess at least 2 years experience in Human Resource business processes or training development and administration.</p> <p>Functional Responsibility: Training Specialist (2)s apply their advanced functional knowledge and training experience to develop and administer training programs and classes. A Training Specialist (2) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Conduct the research necessary to develop and revise training courses • Prepare appropriate training catalogs • Develop all instructor materials including course outline, background material, and training aids • Develop all student materials including course manuals, workbooks, handouts, completion certificates, and course critique forms • Conduct formal classroom courses, workshops, seminars, and/or computer based/computer aided training 	2	Bachelor's Degree
Training Specialist 3	<p>General Experience: Training Specialist (3)s possess at least 3 years experience in Human Resource business processes or training development and administration.</p> <p>Functional Responsibility: Training Specialist (3)s apply their advanced functional knowledge and training experience to develop and administer training programs and classes. A Training Specialist (3) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Conduct the research necessary to develop and revise training courses • Prepare appropriate training catalogs 	3	Bachelor's Degree

	<ul style="list-style-type: none"> • Develop all instructor materials including course outline, background material, and training aids • Develop all student materials including course manuals, workbooks, handouts, completion certificates, and course critique forms • Conduct formal classroom courses, workshops, seminars, and/or computer based/computer aided training 		
Senior Program Manager	The Senior Program Manager has overall accountability for business solution programs. Senior Program Managers may be responsible for product delivery and/or financial management of client engagements. A Senior Program Manager performs independent quality assurance reviews of program performance and deliverables. They lend thought leadership to engagement teams in developing creative solutions to client business problems.	15	Bachelor's Degree
Program Manager	Program Managers plan and manage projects to control overall project scope, budgets and schedules for multi-project engagements. Program Managers maintain contractor interface with the senior levels of the customer's organization, and consult with customer and contractor personnel to formulate and review task plans and deliverables, and provide conformance with program and project task schedules and costs and contractual obligations.	12	Bachelor's Degree
Project Manager	The Project Manager manages, plans and coordinates activities of projects. This individual reviews project proposals or plans to determine schedule, funding limitations, procedures for accomplishing projects, staffing requirements and allotment of available resources to various phases of projects. The Project Manager establishes work plans and coordinates staffing for each phase of project and arranges for recruitment or assignment of project personnel. The Project Manager identifies functional or cross-functional requirements and resources required for each task.	10	Bachelor's Degree
Task Manager	Task Managers apply their broad management skills and specialized functional and technical expertise to guide project teams in delivering client solutions or to manage the day-to-day operations. The Task Manager monitors quality across multiple projects. This individual establishes and maintains technical and financial reports to show progress of projects to management and customers, organizes and assigns responsibilities to subordinates, and oversees the assigned tasks.	7	Bachelor's Degree
Subject Matter Expert 1	The Subject Matter Expert 1 has industry experience in the relevant subject matter. This individual will use information technology expertise and/or industry focus expertise in fulfilling the interpreted customer specification. The Subject Matter Expert 1 is highly experienced in the industry with regard to information technology. The Subject Matter Expert 1 provides thought leadership related to current and future	10	Bachelor's Degree

	customer plans with regard to the stated information technology.		
Subject Matter Expert 2	The Subject Matter Expert 2 has industry experience in the relevant subject matter. This individual will use information technology expertise and/or industry focus expertise in fulfilling the interpreted customer specification. The Subject Matter Expert 2 is an highly experienced in the industry with regard to information technology. The Subject Matter Expert 2 provides thought leadership related to current and future customer plans with regard to the stated information technology.	12	Bachelor's Degree
Subject Matter Expert 3	The Subject Matter Expert 3 has industry experience in the relevant subject matter. This individual will use information technology expertise and/or industry focus expertise in fulfilling the interpreted customer specification. The Subject Matter Expert 3 is highly experienced in the industry with regard to the stated information technology. The Subject Matter Expert 3 provides thought leadership related to current and future customer plans with regard to the stated information technology.	15	Bachelor's Degree
Technical Architect 1	The Technical Architect 1 provides thought leadership related to current and future customer plans with regard to the stated information technology. The Technical Architect 1 possesses knowledge of the future direction and trends associated with information technology. The Technical Architect 1s have experience in designing or implementing information architecture solutions for information technology. The Technical Architect 1 designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces.	7	Bachelor's Degree
Technical Architect 2	The Technical Architect 2 provides thought leadership related to current and future customer plans with regard to the stated information technology. The Technical Architect 2 possesses knowledge of the future direction and trends associated with information technology. The Technical Architect 2s have experience in designing and implementing information architecture solutions for information technology. The Technical Architect 2 designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces.	10	Bachelor's Degree
System Administrator 1	System Administrator 1s may develop, run tests on, implement, or maintain operating system and related software. The System Administrator 1s establish and implement standards for computer operations for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and/or resolves software, operating system, and networking problems. The System Administrator 1 schedules, performs, or	0	Bachelor's in process

	monitors system backups or, when necessary, performs data recoveries. The Level 1 performs more routine aspects of the position and is supervised by higher levels.		
System Administrator 2	System Administrator 2s may develop, run tests on, implement, or maintain operating system and related software. The System Administrator 2s establish and implement standards for computer operations for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and/or resolves software, operating system, and networking problems. The System Administrator 2 schedules, performs, or monitors system backups and, when necessary, performs data recoveries. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.	3	Bachelor's Degree
System Administrator 3	System Administrator 3s may develop, run tests on, implement, or maintain operating system and related software. The System Administrator 3s establish and implement standards for computer operations for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and/or resolves software, operating system, and networking problems. The System Administrator 3 schedules, performs, and/or monitors system backups and/or, when necessary, performs data recoveries. Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.	7	Bachelor's Degree
Database Administrator 1	Database Administrator 1 administers organization's databases, using database management system to organize and store data. The Database Administrator 1 ascertains user requirements, creates computer databases, and tests and coordinates changes. This individual interacts with development and end-user personnel to determine application data access requirements, transaction rates, volume analysis, and other pertinent data required to develop and maintain integrated databases. Level 1 performs more routine aspects of the position and is supervised by higher levels.	0	Bachelor's in process
Database Administrator 2	Database Administrator 2 administers organization's databases, using database management system to organize and store data. The Database Administrator 2 ascertains user requirements, creates computer databases, and tests and coordinates changes. This individual interacts with development and end-user personnel to determine application data access requirements, transaction rates, volume analysis, and other pertinent data required to develop and maintain integrated databases. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.	3	Bachelor's Degree

Database Administrator 3	<p>Database Administrator 3 administers organization's databases, using database management system to organize and store data. The Database Administrator 3 ascertains user requirements, creates computer databases, and tests and coordinates changes. This individual interacts with development and end-user personnel to determine application data access requirements, transaction rates, volume analysis, and other pertinent data required to develop and maintain integrated databases. Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>	<p>7</p>	<p>Bachelor's Degree</p>
Functional Specialist 1	<p>The Functional Specialist 1s provide knowledge in industry, process or technology areas. The Functional Specialist 1 responsibilities may include</p> <ul style="list-style-type: none"> • Plan and manage the work of information systems project teams • Design and implement new organization structures, conceptual design and development of training curricula • Assist an organization to translate its vision and strategy into core human resource and business process • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	<p>3</p>	<p>Bachelor's Degree</p>
Functional Specialist 2	<p>The Functional Specialist 2s provide knowledge in industry, process or technology areas. The Functional Specialist 1 responsibilities may include</p> <ul style="list-style-type: none"> • Plan and manage the work of information systems project teams • Design and implement new organization structures, conceptual design and development of training curricula • Assist an organization to translate its vision and strategy into core human resource and business process • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	<p>5</p>	<p>Bachelor's Degree</p>
Functional Specialist 3	<p>The Functional Specialist 3s provide knowledge in industry, process or technology areas. The Functional Specialist 1 responsibilities may include</p> <ul style="list-style-type: none"> • Plan and manage the work of information systems project teams; 	<p>8</p>	<p>Bachelor's Degree</p>

	<ul style="list-style-type: none"> • Design and implement new organization structures, conceptual design and development of training curricula • Assist an organization to translate its vision and strategy into core human resource and business process • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>		
Consultant 1	<p>Consultant 1s apply their skills in such areas as systems development, knowledge of business processes, technical background or supervisory capacity to implement business solutions. For example, Consultants may perform tasks such as</p> <ul style="list-style-type: none"> • Develop functional and technical information system designs • Supervise business integration analysts in the development of software designs, computer programming, system testing or training curricula • Lead business process redesign teams in the development of new business process architectures • Design training programs for information systems users • Participate in quality reviews to ensure work complies with specified standards • Develop team work plans • Perform workflow analyses • Design and manage databases • Define information systems requirements • Assist in project budget preparation. <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	3	Bachelor's Degree
Consultant 2	<p>Consultant 2s apply their skills in such areas as systems development, knowledge of business processes, technical background or supervisory capacity to implement business solutions. For example, Consultants may perform tasks such as</p> <ul style="list-style-type: none"> • Develop functional and technical information system designs • Supervise business integration analysts in the development of software designs, computer programming, system testing or training curricula • Lead business process redesign teams in the development of new business process architectures • Design training programs for information systems users • Participate in quality reviews to ensure work complies with specified standards 	5	Bachelor's Degree

	<ul style="list-style-type: none"> • Develop team work plans • Perform workflow analyses • Design and manage databases • Define information systems requirements • Assist in project budget preparation <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>		
Consultant 3	<p>Consultant 3s apply their skills in such areas as systems development, knowledge of business processes, technical background or supervisory capacity to implement business solutions. For example, Consultants may perform tasks such as</p> <ul style="list-style-type: none"> • Develop functional and technical information system designs • Supervise business integration analysts in the development of software designs, computer programming, system testing or training curricula • Lead business process redesign teams in the development of new business process architectures • Design training programs for information systems users • Participate in quality reviews to ensure work complies with specified standards • Develop team work plans • Perform workflow analyses • Design and manage databases • Define information systems requirements • Assist in project budget preparation <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>	8	Bachelor's Degree
Engineer 1	<p>The Engineer 1 provides knowledge in design, architecture, development and administration. The Engineer may</p> <ul style="list-style-type: none"> • Monitor existing systems for structural integrity. • Oversee the development and installation of new hardware and software. • Install and configure operating systems and other software and routinely test installed software for glitch detection and other issues. • Provide technical direction to IT support staff • Design and implement security systems and redundant backups to maintain data safety • Write custom scripts to reduce the need for human intervention, Create scaleable, automated solutions for our customer base • Establish multi-platform versions of the software package • Write tests for existing and created code to ensure compatibility and stability 	0	Bachelor's in process

	<ul style="list-style-type: none"> • Evaluate, recommend, and implement automated test tools and strategies • Design, implement, and conduct test and evaluation procedures to ensure system requirements are met • Evaluate hardware and software and resolve LAN/MAN/WAN network related problems <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>		
Engineer 2	<p>The Engineer 2 provides knowledge in design, architecture, development and administration. The Engineer may</p> <ul style="list-style-type: none"> • Monitor existing systems for structural integrity. • Oversee the development and installation of new hardware and software. • Install and configure operating systems and other software and routinely test installed software for glitch detection and other issues. • Provide technical direction to IT support staff • Design and implement security systems and redundant backups to maintain data safety • Write custom scripts to reduce the need for human intervention, Create scaleable, automated solutions for our customer base • Establish multi-platform versions of the software package • Write tests for existing and created code to ensure compatibility and stability • Evaluate, recommend, and implement automated test tools and strategies • Design, implement, and conduct test and evaluation procedures to ensure system requirements are met • Evaluate hardware and software and resolve LAN/MAN/WAN network related problems <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	2	Bachelor's Degree
Engineer 3	<p>The Engineer 3 provides knowledge in design, architecture, development and administration. The Engineer may</p> <ul style="list-style-type: none"> • Monitor existing systems for structural integrity • Oversee the development and installation of new hardware and software • Install and configure operating systems and other software and routinely test installed software for glitch detection and other issues. • Provide technical direction to IT support staff • Design and implement security systems and redundant backups to maintain data safety 	3	Bachelor's Degree

	<ul style="list-style-type: none"> • Write custom scripts to reduce the need for human intervention, Create scaleable, automated solutions for our customer base • Establish multi-platform versions of the software package • Write tests for existing and created code to ensure compatibility and stability • Evaluate, recommend, and implement automated test tools and strategies • Design, implement, and conduct test and evaluation procedures to ensure system requirements are met • Evaluate hardware and software and resolve LAN/MAN/WAN network related problems <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>		
Technical Writer	The Technical Writer writes and updates material such as reports, manuals, briefs, proposals, instruction books, catalogs, and related technical and administrative publications concerned with work methods and procedures, and installation, operation, and maintenance.	2	Bachelor's Degree
Programmer 1	<p>The Programmer 1 is responsible for activities such as program design, coding, testing, debugging or documentation. This individual has technical knowledge and responsibility of all phases of applications systems analysis and programming, and understands the business or function for which application is designed. The Programmer may</p> <ul style="list-style-type: none"> • Write programs according to specifications, which may be provided by Engineers, technical architects, or other computer scientists • Update, repair, modify and expand existing computer programs <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	0	Bachelor's in process
Programmer 2	<p>The Programmer 2 is responsible for activities such as program design, coding, testing, debugging or documentation. This individual has technical knowledge and responsibility of all phases of applications systems analysis and programming. Understands the business or function for which application is designed. The Programmer may</p> <ul style="list-style-type: none"> • Write programs according to specifications, which may be provided by Engineers, technical architects, or other computer scientists • Update, repair, modify and expand existing computer programs <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	2	Bachelor's Degree

Programmer 3	<p>The Programmer 3 is responsible for activities such as program design, coding, testing, debugging or documentation. This individual has technical knowledge and responsibility of all phases of applications systems analysis and programming. Understands the business or function for which application is designed. The Programmer may</p> <ul style="list-style-type: none"> • Write programs according to specifications, which may be provided by Engineers, technical architects, or other computer scientists • Update, repair, modify and expand existing computer programs. <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work</p>	<p>5</p>	<p>Bachelor's Degree</p>
Operations Manager	<p>The Operation Manager manages, coordinates, or organizes department operation strategies and activities. The Operation Manager may</p> <ul style="list-style-type: none"> • Collaborate in the development and implementation of organization policies, practices, procedures, and attainment of operating goals • Review, analyze, and prepare reports, records, and directives, and confers with managers/supervisors to obtain data required for planning activities, such as new commitments, status of work in progress, and problems encountered • Disseminate policies and objectives to supervisors/staff 	<p>3</p>	<p>Bachelor's Degree</p>
Agile Coach	<p>The Agile Coach may assist or lead teams to apply Agile thinking to the specific environment and impediments they face. The Coach works as an advisor and helps the team adapt the methodology to their environment, and challenge the existing environment.</p>	<p>8</p>	<p>Bachelor's Degree</p>
Scrum Master	<p>The Scrum Master may facilitate or guide a software development product owner, team, and organization on how to use Agile/Scrum concepts, values, practices, and principles focusing on improving team effectiveness. The Scrum Master leads discussions and decision making, and assists in mediation of conflict resolution.</p>	<p>6</p>	<p>Bachelor's Degree</p>
Financial Analyst	<p>The Financial Analyst analyzes past and present financial data of organization and estimates future revenues and expenditures, applying principles of finance. The Financial Analyst may</p> <ul style="list-style-type: none"> • Run and document financial analysis projects, • Aid organization with financial functions, such as assessing, auditing, planning, budgeting, taxes, consolidation, cost control, and project control • Evaluate and analyze capital expenditures, depreciation, proposals, investment opportunities, rate of return, profit plans, operating records, financial statements, etc. 	<p>3</p>	<p>Bachelor's Degree</p>

Data Architect	The Data Architect may define, design, or develop relational and/or multi-dimensional databases for warehousing of data. The Data Architect reviews current data structures and recommends optimizations and reconfigurations as warranted.	7	Bachelor's Degree
Program Analyst	The Program Analyst analyzes and critiques computer programs and systems, or develops new programs. The Program Analyst may <ul style="list-style-type: none"> • Review user's requests for new or modified computer programs to determine feasibility, cost and time required, compatibility with current system, and computer capabilities • Outline steps required to develop programs, using structured analysis and design • Plan, develop, test, and document computer programs, applying knowledge of programming techniques and computer systems 	2	Bachelor's Degree
Application Architect 1	The Application Architect 1 may plan, design, develop, redesign or enhance, install, or implement various technology products, or enhance computer programs. This individual applies knowledge of software and programming to develop and test computer systems and produce the necessary outcome for clients. The Application Architect may draft technical white papers to better understand the technology behind them, and to provide instructions that help the client better understand the nature and applications of a specific product. Level 1 performs more routine aspects of the position and is supervised by higher levels.	3	Bachelor's Degree
Application Architect 2	The Application Architect 2 may plan, design, develop, redesign or enhance, install, or implement various technology products, or enhance computer programs. This individual applies knowledge of software and programming to develop and test computer systems and produce the necessary outcome for clients. The Application Architect may draft technical white papers to better understand the technology behind them, and to provide instructions that help the client better understand the nature and applications of a specific product. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.	5	Bachelor's Degree
Application Architect 3	The Application Architect 3 may plan, design, develop, redesign or enhance, install, or implement various technology products, or enhance computer programs. This individual applies knowledge of software and programming to develop and test computer systems and produce the necessary outcome for clients. The Application Architect may draft technical white papers to better understand the technology behind them, and to provide instructions that help the client better understand the nature and applications of a specific product. Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.	7	Bachelor's Degree

Application Systems Analyst	<p>The Application Systems Analyst may oversee the implementation of required hardware and software components for approved applications, coordinate tests of the application system to provide proper performance, or develop diagrams and flow charts for computer programmers to follow. The Application Systems Analyst reviews, analyzes, and modifies programming systems, including encoding, debugging, and installing to support an organization's application systems. The Application Systems Analyst develops application specifications, identifies the required inputs, and formats the output to meet users' needs.</p>	<p>4</p>	<p>Bachelor's Degree</p>
Security Specialist 1	<p>The Security Specialist 1 may identify or resolve highly complex issues to prevent cyberattacks on information systems or keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, or theft of sensitive customer data, allowing business to continue as normal. The Security Specialist designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	<p>0</p>	<p>Bachelor's Degree</p>
Security Specialist 2	<p>The Security Specialist 2 may identify or resolve highly complex issues to prevent cyberattacks on information systems or keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, or theft of sensitive customer data, allowing business to continue as normal. The Security Specialist designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	<p>3</p>	<p>Bachelor's Degree</p>
Security Specialist 3	<p>The Security Specialist 3 may identify or resolve highly complex issues to prevent cyberattacks on information systems or keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, or theft of sensitive customer data, allowing business to continue as normal. The Security Specialist designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>	<p>7</p>	<p>Bachelor's Degree</p>

Business Analyst 1	<p>The Business Analyst 1 may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into technical requirements. The Business Analyst uses available computer systems resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution.</p> <p>In addition, the Business Analyst may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan for each project and hold regular stakeholder meetings to keep all interested parties updated in project progress • Determine and document user requirements for business processes and abide by those requirements for future projects • Reviews and analyzes information, forecasts, methods, schedules, systems, processes and procedures • Provides expertise in, but not limited to, Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	0	Bachelor's Degree
Business Analyst 2	<p>The Business Analyst 2 may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into technical requirements. The Business Analyst uses available computer systems resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution.</p> <p>In addition, the Business Analyst may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan for each project and hold regular stakeholder meetings to keep all interested parties updated in project progress • Determine and document user requirements for business processes and abide by those requirements for future projects • Reviews and analyzes information, forecasts, methods, schedules, systems, processes and procedures • Provides expertise in, but not limited to, Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis 	3	Bachelor's Degree

	Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.		
Business Analyst 3	<p>The Business Analyst 3 may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into technical requirements. The Business Analyst uses available computer systems resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution.</p> <p>In addition, the Business Analyst may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan for each project and hold regular stakeholder meetings to keep all interested parties updated in project progress • Determine and document user requirements for business processes and abide by those requirements for future projects • Reviews and analyzes information, forecasts, methods, schedules, systems, processes and procedures • Provides expertise in, but not limited to, Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis <p>Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>	7	Bachelor's Degree
Quality Assurance Specialist	<p>The Quality Assurance Specialist may improve reliability of new product development processes, maintain company quality standards, or review products, processes and systems on an ongoing basis to determine where improvements can be made. The Quality Assurance Specialist may</p> <ul style="list-style-type: none"> • Develop and implement quality control methodologies to ensure compliance with quality assurance standards, guidelines, and procedures • Develop and define major and minor characteristics of quality including quality metrics and scoring parameters and determines requisite quality control resources for an actual task order • Establish and maintain a process for evaluating hardware, software, and associated documentation and/or assist in the evaluation • Conduct and/or participate in formal and informal reviews at pre-determined points throughout the development life cycle 	3	Bachelor's Degree
Network Administrator	<p>The Network Administrators administers design, organization, or implementation of network, and heads technical support staff who manage and maintain hubs, servers, and routers. This individual uses knowledge and understanding of both networking and</p>	3	Bachelor's Degree

	telecommunications theory and practice. The Network Administrator communicates with users, technical teams, and vendors on new technology and system upgrades and to determine software and hardware installation requirements.		
Enterprise Architect	The Enterprise architects work with stakeholders, both leadership and subject matter experts, to build a holistic view of the organization's strategy, processes, information, and information technology assets to keep the business and IT in alignment. The Enterprise Architect links the business mission, strategy, and processes of an organization to its IT strategy, and documents this using multiple architectural models or views that show how the current and future needs of an organization will be met in an efficient, sustainable, agile, and adaptable manner.	8	Bachelor's Degree
Training Specialist	The Training Specialist develops teaching outlines and determines instructional methods, using knowledge of specified training needs and effectiveness of such methods as individual training, group instruction, lectures, demonstrations, conferences, meetings, or workshops. This individual prepares, organizes and heads training sessions covering standard training, specialized training or counseling in designated areas.	2	Bachelor's Degree
Storage Administrator	The Storage Administrator administers and safeguards efficient and reliable centralized electronic storage area networks (SAN), such as Network Attached Storage, Content Addressable Storage, DAS environments, or other technologies classified as storage technology. This individual may oversee, evaluate, implement, monitor, troubleshoot, or maintain SAN and related technologies, system upgrades, or optimization storage strategies. The Storage Administrator monitors the data storage needs of the company so that business can run efficiently.	3	Bachelor's Degree
Analyst 1	<p>The Analyst 1 applies their analytical and technical skills to assist in implementing business solutions. An Analyst 1 is directed to exercise core skills on projects, or may direct small teams. They are qualified to perform tasks such as</p> <ul style="list-style-type: none"> • Document an organization's current business process flows • Design, code and test functional components of information systems according to project specifications • Identify and document functional requirements for information systems • Develop project documentation and user training materials according to program specifications • Conduct user training sessions • Prepare communications plans • Produce database extracts • Provide technical support to software development teams 	0	Bachelor's Degree

	<ul style="list-style-type: none"> • Perform program management support tasks, such as status reporting and work plan maintenance. <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>		
Analyst 2	<p>The Analyst 2 applies their analytical and technical skills to assist in implementing business solutions. An Analyst 2 is directed to exercise core skills on projects, or may direct small teams. They are qualified to perform tasks such as</p> <ul style="list-style-type: none"> • Document an organization's current business process flows • Design, code and test functional components of information systems according to project specifications • Identify and document functional requirements for information systems • Develop project documentation and user training materials according to program specifications • Conduct user training sessions • Prepare communications plans • Produce database extracts • Provide technical support to software development teams • Perform program management support tasks, such as status reporting and work plan maintenance <p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>	2	Bachelor's Degree
Analyst 3	<p>The Analyst 3 applies their analytical and technical skills to assist in implementing business solutions. An Analyst 3 is directed to exercise core skills on projects, or may direct small teams. They are qualified to perform tasks such as</p> <ul style="list-style-type: none"> • Document an organization's current business process flows • Design, code and test functional components of information systems according to project specifications • Identify and document functional requirements for information systems • Develop project documentation and user training materials according to program specifications • Conduct user training sessions • Prepare communications plans • Produce database extracts • Provide technical support to software development teams • Perform program management support tasks, such as status reporting and work plan maintenance 	4	Bachelor's Degree

	Level 3 is competent in subject matter and concepts and may lead individuals assisting in the work.		
Web Designer	<p>The Web Designer may design, plan, or execute the design and layout for Internet sites and web pages, which may include combining text with sounds, pictures, graphics, and video-clips. The Web Designer may</p> <ul style="list-style-type: none"> • Question or communicate with clients to assess their needs, discuss requirements, and clarify their goals for establishing a website. • Meet with clients on a regular basis to evaluate and modify site as it seems appropriate and keeps them informed of project progress. • Design custom-tailored plan for a proposed site using combination of graphic and written material, and modifies proposal as necessary until the client is satisfied. • Design, maintain, and update information and digitized images, banners, bullets, charts, image maps, and other graphics to enhance appearance of site and keep the content and graphics current. • Maintain site appearance by developing and enforcing content and display standards. 	2	Bachelor's Degree

Service Descriptions for Human Capital - Human Resources Line of Business (“HR LOB”) Private Shared Center Services

Accenture is certified to provide solutions and services across the range of core and non-core Human Resources Line of Business functions. Accenture was certified based on a Core Human Resources (Core-HR) Services platform for solution and services supporting Personnel Action Processing, Benefits Management and Compensation Management. Accenture offers implementation services to support transition to Accenture’s Shared Service Center.

Accenture can provide support for the implementation of Non-Core Human Resources (Non-Core HR) solution and services requirements areas including Compensation Management, HR Development, HR Strategy, Organization and Position Management, Talent Management, Performance Management, Success Planning, Staff Acquisition, Employee Relations, Labor Relations and Separations Management.

Customer implementation and migration services are offered as professional services on a per-hour basis including but not limited to support for:

- Project Planning
- System design, configuration, testing and training
- Data modeling, conversion and migration
- Custom development enhancements, extensions, interfaces and reports
- Legacy application management
- Application upgrades
- Data modeling, conversion and migration

Post-implementation, the provisioning of steady-state application management operations and maintenance and hosting services including support for:

- Virtualized Hosting Environment
- System Administration
- Application Management
- Production Monitoring
- Tier 2 Help Desk

The Core-HR offering assumes a customer-specific hosting environment. Where availability and mutual customer agreement exists for a shared environment, Accenture would seek to discount the base service price. Accenture provides hosting and application management services of core and non-core software to be government-furnished equipment (GFE). Pricing assumes the provision of a standard set of solutions and services under a three-year service period though shorter periods are possible. Solutions are hosted in a secure, US-based center.

Accenture also offers management consulting, technical integration and business process support services as professional services on a per-hour basis for:

- **Private Shared Service Center for Core HR Services (Special Item: 541612LOB)** - Benefits Management, Personnel Action Processing, Records Management, and Compensation Management. The technical requirements for this SIN are defined by the Office of Personnel Management's Business Reference Model for the HR Line of Business.
- **Private Shared Service Center for HR Services “Non-Core Human Resources Services” (Special Item: 541612LOB).** These services comprise HR Strategy, Organization and Position Management, Staff Acquisition, Performance Management, Compensation Management, Human Resource Development, Employee Relations, Labor Relations, Separation Management, Personnel Action Processing, Benefits Management, and Payroll Services. The technical requirements for this SIN are defined by the Office of Personnel Management's Business Reference Model for the HR Line of Business.

Prices include the General Services Administration's Industrial Funding Fee (IFF). Unit prices for each contract year period are escalated by 2.9% per-year. The Core HR Services (Special Item 541612OPM) are performed at a standard contractor site unless unique customer facilities are required. In accordance with the Schedule Contract, we assume that provisions for travel and per diem will be identified and negotiated with each task order.

Education Substitutions for the Labor Category Services:

Education and experience may be substituted for each other. Each year of relevant experience may be substituted for one year of education and vice versa. In addition, professional certifications and vocational technical training may be substituted for experience or education.

Degree	Experience Equivalent	Other Equivalent
High School	• N/A	GED
Associate's	• Two years relevant experience	Vocational or technical training in work-related field
Bachelor's	• Associate's degree plus two years relevant experience, or • four years relevant experience	Professional certification
Master's	• Bachelor's degree plus two years of relevant experience, or • Associate's degree plus four years relevant experience, or • six years relevant experience	
PhD/Doctorate	• Master's degree plus two years relevant experience or • Bachelor's degree plus four years relevant experience or • Associate's degree plus six years relevant experience or eight years relevant experience.	

- *Completion of higher education which has not yet resulted in a degree may be counted one-for-one years of experience for each year of higher education and may be used to satisfy experience requirements. For example, three years of a Bachelor program of studies is equivalent to three years of relevant experience.

Experience Substitutions for the Labor Category Services:

Advanced Degree	Equal-To Years of Experience
Master	Two years
PhD/Doctorate	Four years

- *May be used to satisfy experience requirements when the minimum Education requirements are met. E.g. a requirement for a Bachelor's degree and 4 years of experience can be satisfied by a resource with a Master's degree and 2 years of experience.

3.2.2 Labor Categories and Rates SIN 541612HC (formerly 595 21), & SIN 541612LOB (formerly 541612OPM, 595 22; 541612PSSC, 595 26)

3.2.2.1 Customer Facility

Labor Categories at Customer Facility ("Government Site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/2017-7/11/2018	7/12/2018-4/9/2019	4/10/2019-7/11/2019	7/12/2019-7/11/2020	7/12/2020-7/11/2021	7/12/2021-7/11/2022
Partner 1	N/A	N/A	N/A	\$399.07	\$410.64	\$422.55
Associate Partner 2	N/A	N/A	N/A	\$291.29	\$299.74	\$308.43
Program Manager 1	N/A	N/A	N/A	\$188.04	\$193.49	\$199.10
Program Manager 2	N/A	N/A	N/A	\$217.70	\$224.01	\$230.51
Program Manager 3	N/A	N/A	N/A	\$246.03	\$253.16	\$260.50
Project Manager 1	N/A	N/A	N/A	\$128.48	\$132.21	\$136.04
Project Manager 2	N/A	N/A	N/A	\$148.90	\$153.22	\$157.66
Project Manager 3	N/A	N/A	N/A	\$168.30	\$173.18	\$178.20
Project Manager 4	N/A	N/A	N/A	\$164.85	\$169.63	\$174.55
Project Manager 5	N/A	N/A	N/A	\$191.10	\$196.64	\$202.34

Labor Categories at Customer Facility ("Government Site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/2017-7/11/2018	7/12/2018-4/9/2019	4/10/2019-7/11/2019	7/12/2019-7/11/2020	7/12/2020-7/11/2021	7/12/2021-7/11/2022
Project Manager 6	N/A	N/A	N/A	\$225.10	\$231.63	\$238.35
Project Manager 7	N/A	N/A	N/A	\$246.03	\$253.16	\$260.50
HR Senior Specialist 1	N/A	N/A	N/A	\$76.80	\$79.03	\$81.32
HR Senior Specialist 2	N/A	N/A	N/A	\$91.65	\$94.31	\$97.04
HR Senior Specialist 3	N/A	N/A	N/A	\$100.21	\$103.12	\$106.11
HR Senior Specialist 4	N/A	N/A	N/A	\$107.79	\$110.92	\$114.14
HR Senior Specialist 5	N/A	N/A	N/A	\$121.72	\$125.25	\$128.88
HR Senior Specialist 6	N/A	N/A	N/A	\$138.66	\$142.68	\$146.82
HR Specialist 1	N/A	N/A	N/A	\$57.16	\$58.82	\$60.53
HR Specialist 2	N/A	N/A	N/A	\$64.25	\$66.11	\$68.03
HR Specialist 3	N/A	N/A	N/A	\$67.20	\$69.15	\$71.16
HR Senior Advisor 1	N/A	N/A	N/A	\$164.85	\$169.63	\$174.55
HR Senior Advisor 2	N/A	N/A	N/A	\$217.70	\$224.01	\$230.51
Training Senior Specialist 1	N/A	N/A	N/A	\$76.80	\$79.03	\$81.32
Training Senior Specialist 2	N/A	N/A	N/A	\$91.65	\$94.31	\$97.04
Training Senior Specialist 3	N/A	N/A	N/A	\$100.21	\$103.12	\$106.11
Training Senior Specialist 4	N/A	N/A	N/A	\$107.79	\$110.92	\$114.14
Training Senior Specialist 5	N/A	N/A	N/A	\$121.72	\$125.25	\$128.88
Training Senior Specialist 6	N/A	N/A	N/A	\$138.66	\$142.68	\$146.82
Training Specialist 1	N/A	N/A	N/A	\$57.16	\$58.82	\$60.53
Training Specialist 2	N/A	N/A	N/A	\$64.25	\$66.11	\$68.03
Training Specialist 3	N/A	N/A	N/A	\$67.20	\$69.15	\$71.16
Senior Program Manager	N/A	N/A	N/A	\$454.86	\$468.05	\$481.62
Program Manager	N/A	N/A	N/A	\$400.71	\$412.33	\$424.29
Project Manager	N/A	N/A	N/A	\$260.18	\$267.73	\$275.49
Task Manager	N/A	N/A	N/A	\$196.34	\$202.03	\$207.89
Subject Matter Expert 1	N/A	N/A	N/A	\$232.40	\$239.14	\$246.08
Subject Matter Expert 2	N/A	N/A	N/A	\$267.34	\$275.09	\$283.07
Subject Matter Expert 3	N/A	N/A	N/A	\$317.16	\$326.36	\$335.82
Technical Architect 1	N/A	N/A	N/A	\$196.34	\$202.03	\$207.89
Technical Architect 2	N/A	N/A	N/A	\$260.18	\$267.73	\$275.49
System Administrator 1	N/A	N/A	N/A	\$115.94	\$119.30	\$122.76

Labor Categories at Customer Facility ("Government Site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/2017-7/11/2018	7/12/2018-4/9/2019	4/10/2019-7/11/2019	7/12/2019-7/11/2020	7/12/2020-7/11/2021	7/12/2021-7/11/2022
System Administrator 2	N/A	N/A	N/A	\$169.09	\$173.99	\$179.04
System Administrator 3	N/A	N/A	N/A	\$196.34	\$202.03	\$207.89
Database Administrator 1	N/A	N/A	N/A	\$115.94	\$119.30	\$122.76
Database Administrator 2	N/A	N/A	N/A	\$145.41	\$149.63	\$153.97
Database Administrator 3	N/A	N/A	N/A	\$172.44	\$177.44	\$182.59
Functional Specialist 1	N/A	N/A	N/A	\$125.23	\$128.86	\$132.60
Functional Specialist 2	N/A	N/A	N/A	\$169.09	\$173.99	\$179.04
Functional Specialist 3	N/A	N/A	N/A	\$205.20	\$211.15	\$217.27
Consultant 1	N/A	N/A	N/A	\$119.05	\$122.50	\$126.05
Consultant 2	N/A	N/A	N/A	\$159.47	\$164.09	\$168.85
Consultant 3	N/A	N/A	N/A	\$194.40	\$200.04	\$205.84
Engineer 1	N/A	N/A	N/A	\$113.04	\$116.32	\$119.69
Engineer 2	N/A	N/A	N/A	\$145.41	\$149.63	\$153.97
Engineer 3	N/A	N/A	N/A	\$169.09	\$173.99	\$179.04
Technical Writer	N/A	N/A	N/A	\$115.24	\$118.58	\$122.02
Programmer 1	N/A	N/A	N/A	\$88.86	\$91.44	\$94.09
Programmer 2	N/A	N/A	N/A	\$139.87	\$143.93	\$148.10
Programmer 3	N/A	N/A	N/A	\$189.36	\$194.85	\$200.50
Operations Manager	N/A	N/A	N/A	\$152.97	\$157.41	\$161.97
Agile Coach	N/A	N/A	N/A	\$196.34	\$202.03	\$207.89
Scrum Master	N/A	N/A	N/A	\$227.14	\$233.73	\$240.51
Financial Analyst	N/A	N/A	N/A	\$169.09	\$173.99	\$179.04
Data Architect	N/A	N/A	N/A	\$196.34	\$202.03	\$207.89
Program Analyst	N/A	N/A	N/A	\$115.24	\$118.58	\$122.02
Application Architect 1	N/A	N/A	N/A	\$135.31	\$139.23	\$143.27
Application Architect 2	N/A	N/A	N/A	\$170.19	\$175.13	\$180.21
Application Architect 3	N/A	N/A	N/A	\$196.34	\$202.03	\$207.89
Application Systems Analyst	N/A	N/A	N/A	\$170.19	\$175.13	\$180.21
Security Specialist 1	N/A	N/A	N/A	\$113.79	\$117.09	\$120.49
Security Specialist 2	N/A	N/A	N/A	\$145.41	\$149.63	\$153.97
Security Specialist 3	N/A	N/A	N/A	\$196.34	\$202.03	\$207.89
Business Analyst 1	N/A	N/A	N/A	\$115.94	\$119.30	\$122.76
Business Analyst 2	N/A	N/A	N/A	\$169.09	\$173.99	\$179.04
Business Analyst 3	N/A	N/A	N/A	\$227.14	\$233.73	\$240.51
Quality Assurance Specialist	N/A	N/A	N/A	\$145.41	\$149.63	\$153.97
Network Administrator	N/A	N/A	N/A	\$152.97	\$157.41	\$161.97

Labor Categories at Customer Facility ("Government Site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/2017-7/11/2018	7/12/2018-4/9/2019	4/10/2019-7/11/2019	7/12/2019-7/11/2020	7/12/2020-7/11/2021	7/12/2021-7/11/2022
Enterprise Architect	N/A	N/A	N/A	\$232.40	\$239.14	\$246.08
Training Specialist	N/A	N/A	N/A	\$152.97	\$157.41	\$161.97
Storage Administrator	N/A	N/A	N/A	\$145.41	\$149.63	\$153.97
Analyst 1	N/A	N/A	N/A	\$106.82	\$109.92	\$113.11
Analyst 2	N/A	N/A	N/A	\$135.31	\$139.23	\$143.27
Analyst 3	N/A	N/A	N/A	\$170.19	\$175.13	\$180.21
Web Designer	N/A	N/A	N/A	\$145.41	\$149.63	\$153.97

**Note: Prices include the 0.75% Industrial Funding Fee (IFF).*
**Note: SINs 541612HC and 541612LOB were awarded on June 1, 2020. Rates valid from this date forward within Year 3.*

3.2.2.2 Contractor Facility

Labor Categories at Contractor Facility ("Contractor Site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/2017-7/11/2018	7/12/2018-4/9/2019	4/10/2019-7/11/2019	7/12/2019-7/11/2020	7/12/2020-7/11/2021	7/12/2021-7/11/2022
Partner 1	N/A	N/A	N/A	\$417.73	\$429.84	\$442.31
Associate Partner 2	N/A	N/A	N/A	\$304.91	\$313.75	\$322.85
Program Manager 1	N/A	N/A	N/A	\$196.83	\$202.54	\$208.41
Program Manager 2	N/A	N/A	N/A	\$227.88	\$234.49	\$241.29
Program Manager 3	N/A	N/A	N/A	\$257.51	\$264.98	\$272.66
Project Manager 1	N/A	N/A	N/A	\$134.48	\$138.38	\$142.39
Project Manager 2	N/A	N/A	N/A	\$155.86	\$160.38	\$165.03
Project Manager 3	N/A	N/A	N/A	\$176.17	\$181.28	\$186.54
Project Manager 4	N/A	N/A	N/A	\$172.55	\$177.55	\$182.70
Project Manager 5	N/A	N/A	N/A	\$199.80	\$205.59	\$211.55
Project Manager 6	N/A	N/A	N/A	\$235.64	\$242.47	\$249.50
Project Manager 7	N/A	N/A	N/A	\$257.51	\$264.98	\$272.66
HR Senior Specialist 1	N/A	N/A	N/A	\$80.38	\$82.71	\$85.11
HR Senior Specialist 2	N/A	N/A	N/A	\$95.94	\$98.72	\$101.58
HR Senior Specialist 3	N/A	N/A	N/A	\$104.89	\$107.93	\$111.06
HR Senior Specialist 4	N/A	N/A	N/A	\$112.83	\$116.10	\$119.47
HR Senior Specialist 5	N/A	N/A	N/A	\$127.41	\$131.10	\$134.90
HR Senior Specialist 6	N/A	N/A	N/A	\$145.15	\$149.36	\$153.69
HR Specialist 1	N/A	N/A	N/A	\$59.85	\$61.59	\$63.38
HR Specialist 2	N/A	N/A	N/A	\$67.27	\$69.22	\$71.23
HR Specialist 3	N/A	N/A	N/A	\$70.38	\$72.42	\$74.52
HR Senior Advisor 1	N/A	N/A	N/A	\$172.55	\$177.55	\$182.70
HR Senior Advisor 2	N/A	N/A	N/A	\$227.88	\$234.49	\$241.29
Training Senior Specialist 1	N/A	N/A	N/A	\$80.38	\$82.71	\$85.11

Labor Categories at Contractor Facility ("Contractor Site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/2017-7/11/2018	7/12/2018-4/9/2019	4/10/2019-7/11/2019	7/12/2019-7/11/2020	7/12/2020-7/11/2021	7/12/2021-7/11/2022
Training Senior Specialist 2	N/A	N/A	N/A	\$95.94	\$98.72	\$101.58
Training Senior Specialist 3	N/A	N/A	N/A	\$104.89	\$107.93	\$111.06
Training Senior Specialist 4	N/A	N/A	N/A	\$112.83	\$116.10	\$119.47
Training Senior Specialist 5	N/A	N/A	N/A	\$127.41	\$131.10	\$134.90
Training Senior Specialist 6	N/A	N/A	N/A	\$145.15	\$149.36	\$153.69
Training Specialist 1	N/A	N/A	N/A	\$59.85	\$61.59	\$63.38
Training Specialist 2	N/A	N/A	N/A	\$67.27	\$69.22	\$71.23
Training Specialist 3	N/A	N/A	N/A	\$70.38	\$72.42	\$74.52
Senior Program Manager	N/A	N/A	N/A	\$473.81	\$487.55	\$501.69
Program Manager	N/A	N/A	N/A	\$417.40	\$429.50	\$441.96
Project Manager	N/A	N/A	N/A	\$271.03	\$278.89	\$286.98
Task Manager	N/A	N/A	N/A	\$204.53	\$210.46	\$216.56
Subject Matter Expert 1	N/A	N/A	N/A	\$242.08	\$249.10	\$256.32
Subject Matter Expert 2	N/A	N/A	N/A	\$278.47	\$286.55	\$294.86
Subject Matter Expert 3	N/A	N/A	N/A	\$330.38	\$339.96	\$349.82
Technical Architect 1	N/A	N/A	N/A	\$204.53	\$210.46	\$216.56
Technical Architect 2	N/A	N/A	N/A	\$271.03	\$278.89	\$286.98
System Administrator 1	N/A	N/A	N/A	\$120.75	\$124.25	\$127.85
System Administrator 2	N/A	N/A	N/A	\$176.12	\$181.23	\$186.49
System Administrator 3	N/A	N/A	N/A	\$204.53	\$210.46	\$216.56
Database Administrator 1	N/A	N/A	N/A	\$120.75	\$124.25	\$127.85
Database Administrator 2	N/A	N/A	N/A	\$151.47	\$155.86	\$160.38
Database Administrator 3	N/A	N/A	N/A	\$179.64	\$184.85	\$190.21
Functional Specialist 1	N/A	N/A	N/A	\$130.46	\$134.24	\$138.13
Functional Specialist 2	N/A	N/A	N/A	\$176.12	\$181.23	\$186.49
Functional Specialist 3	N/A	N/A	N/A	\$213.72	\$219.92	\$226.30
Consultant 1	N/A	N/A	N/A	\$124.00	\$127.60	\$131.30
Consultant 2	N/A	N/A	N/A	\$166.12	\$170.94	\$175.90
Consultant 3	N/A	N/A	N/A	\$202.51	\$208.38	\$214.42
Engineer 1	N/A	N/A	N/A	\$117.73	\$121.14	\$124.65

Labor Categories at Contractor Facility ("Contractor Site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/2017-7/11/2018	7/12/2018-4/9/2019	4/10/2019-7/11/2019	7/12/2019-7/11/2020	7/12/2020-7/11/2021	7/12/2021-7/11/2022
Engineer 2	N/A	N/A	N/A	\$151.47	\$155.86	\$160.38
Engineer 3	N/A	N/A	N/A	\$176.12	\$181.23	\$186.49
Technical Writer	N/A	N/A	N/A	\$120.40	\$123.89	\$127.48
Programmer 1	N/A	N/A	N/A	\$92.84	\$95.53	\$98.30
Programmer 2	N/A	N/A	N/A	\$146.14	\$150.38	\$154.74
Programmer 3	N/A	N/A	N/A	\$197.84	\$203.58	\$209.48
Operations Manager	N/A	N/A	N/A	\$159.81	\$164.44	\$169.21
Agile Coach	N/A	N/A	N/A	\$204.53	\$210.46	\$216.56
Scrum Master	N/A	N/A	N/A	\$236.62	\$243.48	\$250.54
Financial Analyst	N/A	N/A	N/A	\$176.12	\$181.23	\$186.49
Data Architect	N/A	N/A	N/A	\$204.53	\$210.46	\$216.56
Program Analyst	N/A	N/A	N/A	\$120.40	\$123.89	\$127.48
Application Architect 1	N/A	N/A	N/A	\$141.37	\$145.47	\$149.69
Application Architect 2	N/A	N/A	N/A	\$177.80	\$182.96	\$188.27
Application Architect 3	N/A	N/A	N/A	\$204.53	\$210.46	\$216.56
Application Systems Analyst	N/A	N/A	N/A	\$177.80	\$182.96	\$188.27
Security Specialist 1	N/A	N/A	N/A	\$118.55	\$121.99	\$125.53
Security Specialist 2	N/A	N/A	N/A	\$151.47	\$155.86	\$160.38
Security Specialist 3	N/A	N/A	N/A	\$204.53	\$210.46	\$216.56
Business Analyst 1	N/A	N/A	N/A	\$120.75	\$124.25	\$127.85
Business Analyst 2	N/A	N/A	N/A	\$176.12	\$181.23	\$186.49
Business Analyst 3	N/A	N/A	N/A	\$236.62	\$243.48	\$250.54
Quality Assurance Specialist	N/A	N/A	N/A	\$151.47	\$155.86	\$160.38
Network Administrator	N/A	N/A	N/A	\$159.81	\$164.44	\$169.21
Enterprise Architect	N/A	N/A	N/A	\$242.08	\$249.10	\$256.32
Training Specialist	N/A	N/A	N/A	\$159.81	\$164.44	\$169.21
Storage Administrator	N/A	N/A	N/A	\$151.47	\$155.86	\$160.38
Analyst 1	N/A	N/A	N/A	\$111.61	\$114.85	\$118.18
Analyst 2	N/A	N/A	N/A	\$141.37	\$145.47	\$149.69
Analyst 3	N/A	N/A	N/A	\$177.80	\$182.96	\$188.27
Web Designer	N/A	N/A	N/A	\$151.47	\$155.86	\$160.38

*Note: Prices include the 0.75% Industrial Funding Fee (IFF).

*Note: SINs 541612HC and 541612LOB were awarded on June 1, 2020. Rates valid from this date forward within Year 3.

3.2.3 Services and Pricing (SIN 541612LOB, formerly 541612PSSC, 595 22)

Service Description	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/2017-7/11/2018	7/12/2018-4/9/2019	4/10/2019-7/11/2019	7/12/2019-7/11/2020	7/12/2020-7/11/2021	7/12/2021-7/11/2022
Core HR Application Usage, Application Management and Hosting (Annual Price Per Employee)						
1 – 10,000 Employees	N/A	N/A	N/A	\$748.18	\$769.88	\$792.21
10,001 – 25,000 Employees	N/A	N/A	N/A	\$711.99	\$732.64	\$753.89
25,001 – 50,000 Employees	N/A	N/A	N/A	\$416.51	\$428.59	\$441.02
50,001 – 350,000 and above Employees	N/A	N/A	N/A	\$282.04	\$290.22	\$298.64
Core HR Processing Services	N/A	N/A	N/A	<i>Offered as Professional Services</i>		
Core Payroll Services	N/A	N/A	N/A	<i>Offered as Professional Services</i>		
Core Managed Time and Labor Services	N/A	N/A	N/A	<i>Offered as Professional Services</i>		
*Note: SINs 541612LOB was awarded on June 1, 2020. Rates valid from this date forward within Year 3.						

Notes:

- Prices include the 0.75% Industrial Funding Fee (IFF).
- The services and associated prices assume use of a shared software instance but unique database for agencies smaller than 50,000 employees.
- The services and associated prices offered represent post-implementation, on-going operating state. The prices for client-specific implementation (i.e. for Design, Configuration, Data Migration, Interface and Reports Development, Testing and One-Time Hosting Infrastructure Setup) are not included in this price.
- Assumes a one-year, post-migration service commitment.

4.0 Large Category: Professional Services

4.1 Marketing and Public Relations SINs

The intended scope of Special Item 512110, 541430, 541511, 541613, 541810, 541820, 541910, 541922 is to offer Marketing and Public Relations Professional Services per the descriptions below:

512110 Video/Film Production (formerly 541 4B) - Services include writing, directing, shooting, arranging for talent / animation, narration, music and sound effects, duplication, distribution, video scoring; and editing. Videotape and film production services will be provided to inform the public and Government agencies about the latest products, services, and/or issues in various outputs such as: industry standard formats,

accessibility and video streaming development. Filming in studios, on location, live shows or events may also be required. NOTE: Any commissions received for media placement will either (a) be returned to the ordering agency or (b) applied as a credit to the cost of the project, whichever the ordering agency prefers.

541430 Graphic Design Services (formerly 541 4F) - Services include planning, designing, and managing the production of visual communication in order to convey specific messages or concepts, clarify complex information, or project visual identities. These services can include the design of printed materials, packaging, advertising, signage systems, and corporate identification (logos) and can include commercial artists engaged exclusively in generating drawings and illustrations requiring technical accuracy or interpretative skills. Examples include commercial art, graphic design, special effects services that educate the consumer market about product(s) and/or service(s); updating, rewriting, and/or editing pre-existing materials: developing conceptual design and layouts, creating sketches, drawings, publication designs, and typographic layouts; and furnishing custom or stock artwork (including electronic artwork). NOTE: Any commissions received for media placement, conference planning, etc. will either (a) be returned to the ordering agency or (b) applied as a credit to the cost of the project, whichever the ordering agency prefers.

541511 Web Based Marketing (formerly 541 3) - Services include, but are not limited to writing, modifying, testing, and supporting software to meet the needs of a particular customer. This can include website design and maintenance services, search engine development, email marketing, interactive marketing, web based advertising (including marketing and social media outlets), webcasting, video conferencing via the web, section 508 compliance, including captioning services, online media management; and related activities to web based services. Media will be provided in a format that is compatible with the ordering agency's software requirements. Continual website updates and maintenance may also be required. NOTE: Any commissions received for media placement, conference planning, etc. will either (a) be returned to the ordering agency or (b) applied as a credit to the cost of the project, whichever the ordering agency prefers.

541613 Marketing Consulting Services (formerly 541 5) - Services include providing operating advice and assistance on marketing issues, such as developing marketing objectives and policies, sales forecasting, marketing planning and strategy, and development of multi-media campaigns. Services relating to providing assistance with challenges, contests, and competitions, such as providing marketing and advertising support, assistance with conducting the challenge / contest / competition, facilitating events; and supporting the judging of events are included. The challenge / contest / competition may be to identify a solution to a particular problem or to accomplish a particular goal. Prizes or other incentives may be offered by customers to find innovative or cost-effective solutions to improving open government. Solutions may be ideas, designs, proofs of concept or finished products. SIN 541810ODC must be used in conjunction with the payment for prizes or other incentives. NOTE: Any commissions received for media placement, conference planning, etc. will either (a) be returned to the

ordering agency or (b) applied as a credit to the cost of the project, whichever the ordering agency prefers.

541810 Advertising Services (formerly 541 1) - Services provided under this SIN will promote public awareness of an agency's mission and initiatives, enable public understanding of complex technical and social issues, disseminate information to industry and consumer advocacy groups and engage in recruitment campaigns. Services include, but are not limited to the following components: advertising objective determination, message decision / creation, media selection, outdoor marketing and media services, broadcast media (radio, TV, internet and public service announcements), direct mail services, media planning, media placement services, advertising evaluation, related activities to advertising services. NOTE: Any commissions received for advertising agencies will either (a) be returned to the ordering agency or (b) applied as a credit to the cost of the project, whichever the ordering agency prefers.

541820 Public Relations Services (formerly 541 2) - Services provided include providing customized media and public relation services such as the development of media messages and strategies; providing recommendations of media sources for placement of campaigns; preparing media materials such as, background materials, press releases, speeches and presentations and press kits: executing media programs, conducting press conferences, scheduling broadcast and/or print interviews, media alerts and press clipping services related activities to public relations services. NOTE: Any commissions received for media placement, conference planning, etc. will either (a) be returned to the ordering agency or (b) applied as a credit to the cost of the project, whichever the ordering agency prefers.

541910 Marketing Research and Analysis (formerly 541 4A) - Services include customizing strategic marketing plans, branding initiatives, creating public awareness of products, services, and issues; targeting market identification and analysis, establishing measurable marketing objectives; determining market trends and conditions, identifying and implementing appropriate strategies, conducting focus groups, telemarketing, individual interviews, preparing/distributing surveys, and compiling/analyzing results, establishing call centers (in relation to services provided under this schedule). NOTE: Any commissions received for media placement, conference planning, etc. will either (a) be returned to the ordering agency or (b) applied as a credit to the cost of the project, whichever the ordering agency prefers.

541922 Commercial Photography Services (formerly 541 4E) - Services include photography which may be used for commercial advertisements and/or illustrations that will appear in books, magazines, and/or other forms of media such as: black and white, color photography, digital photography, aerial photography, architectural photography, still photographs, field and studio photography; and related photography services such as photo editing and high-resolution scans. NOTE: Any commissions received for commercial photography services will either (a) be returned to the ordering agency or (b) applied as a credit to the cost of the project, whichever the ordering agency prefers.

4.1.1 Labor Category Descriptions (SINs 512110, 541430, 541511, 541613, 541810, 541820, 541910, 541922)

Labor Category Name	Labor Category Description	Min Yrs Experience	Min Education
Marketing Strategist (Level 1)	<ul style="list-style-type: none"> Provides marketing/advertising planning, management and strategic services in a direct or consulting role. Often manages the brand experience, consumer experience or overall strategy for a marketing project. Could work across many digital or offline marketing channels, develop customer research approaches, customer experiences, workshops, brand value proposition, creative experiences or provide best practices across communications, marketing and advertising strategy to support client initiatives. 	0	Bachelor's
Marketing Strategist (Level 2)	<ul style="list-style-type: none"> Provides marketing/advertising planning, management and strategic services in a direct or consulting role. Often manages the brand experience, consumer experience or overall strategy for a marketing project. Could work across many digital or offline marketing channels, develop customer research approaches, customer experiences, workshops, brand value proposition, creative experiences or provide best practices across communications, marketing and advertising strategy to support client initiatives. 	2	Bachelor's
Marketing Strategist (Level 3)	<ul style="list-style-type: none"> Provides marketing/advertising planning, management and strategic services in a direct or consulting role. Often manages the brand experience, consumer experience or overall strategy for a marketing project. Could work across many digital or offline marketing channels, develop customer research approaches, customer experiences, workshops, brand value proposition, creative experiences or provide best practices across communications, marketing and advertising strategy to support client initiatives. May oversee the team, providing marketing strategy development or implementation process, leaving execution to junior team members 	5	Bachelor's
Marketing Strategist (Level 4)	<ul style="list-style-type: none"> Provides marketing/advertising planning, management and strategic services in a direct or consulting role. 	8	Bachelor's

	<ul style="list-style-type: none"> • Often manages the brand experience, consumer experience or overall strategy for a marketing project. • Could work across many digital or offline marketing channels, develop customer research approaches, customer experiences, workshops, brand value proposition, creative experiences or provide best practices across communications, marketing and advertising strategy to support client initiatives. • May oversee the team, providing marketing strategy development or implementation process, leaving execution to junior team members 		
Marketing Strategist (Level 5)	<ul style="list-style-type: none"> • Provides marketing/advertising planning, management and strategic services in a direct or consulting role. • Often manages the brand experience, consumer experience or overall strategy for a marketing project. • Could work across many digital or offline marketing channels, develop customer research approaches, customer experiences, workshops, brand value proposition, creative experiences or provide best practices across communications, marketing and advertising strategy to support client initiatives. • May oversee the team, providing marketing strategy development or implementation process, leaving execution to junior team members • Additionally: Experience in senior leadership and strategic planning as part of large scale, multi-channel initiatives 	11	Bachelor's
Producer (Level 1)	<p>Provides video/photography/content management services in a direct or consulting role. Plans project strategies and organizes resources to achieve project objectives. Manages and oversees video/photography pre-production planning, casting, logistics, negotiations and on-site production activities for clients. Delivers high quality product(s) on time and within budget. Anticipates and responds to needs and requests from clients. Supervises additional staff during video/photography/content production.</p> <p>Specifics may include:</p> <ul style="list-style-type: none"> • meeting the producer/director/photographer and other senior production staff to examine scripts or program ideas • drawing up a shooting schedule and estimating cost • hiring crews and contractors, and negotiating rates of pay 	0	Bachelor's

	<ul style="list-style-type: none"> • negotiating costs and approving the booking of resources, equipment and suppliers • overseeing location bookings and arranging any necessary permissions and risk assessments • making sure that the production runs to schedule, and reporting to the producer on progress • managing the production schedule and budget • managing the production team • making sure that insurance, health and safety rules, copyright laws and union agreements are followed 		
Producer (Level 2)	<p>Provides video/photography/content management services in a direct or consulting role. Plans project strategies and organizes resources to achieve project objectives. Manages and oversees video/photography pre-production planning, casting, logistics, negotiations and on-site production activities for clients. Delivers high quality product(s) on time and within budget. Anticipates and responds to needs and requests from clients. Supervises additional staff during video/photography/content production.</p> <p>Specifics may include:</p> <ul style="list-style-type: none"> • meeting the producer/director/photographer and other senior production staff to examine scripts or program ideas • drawing up a shooting schedule and estimating cost • hiring crews and contractors, and negotiating rates of pay • negotiating costs and approving the booking of resources, equipment and suppliers • overseeing location bookings and arranging any necessary permissions and risk assessments • making sure that the production runs to schedule, and reporting to the producer on progress • managing the production schedule and budget • managing the production team • making sure that insurance, health and safety rules, copyright laws and union agreements are followed 	2	Bachelor's
Producer (Level 3)	<p>Provides video/photography/content management services in a direct or consulting role. Plans project strategies and organizes resources to achieve project objectives. Manages and oversees video/photography pre-production planning, casting, logistics, negotiations and on-site production activities for clients. Delivers high quality product(s) on time and within budget. Anticipates and responds to needs and requests</p>	5	Bachelor's

	<p>from clients. Supervises additional staff during video/photography/content production.</p> <p>Specifics may include:</p> <ul style="list-style-type: none"> • meeting the producer/director/photographer and other senior production staff to examine scripts or program ideas • drawing up a shooting schedule and estimating cost • hiring crews and contractors, and negotiating rates of pay • negotiating costs and approving the booking of resources, equipment and suppliers • overseeing location bookings and arranging any necessary permissions and risk assessments • making sure that the production runs to schedule, and reporting to the producer on progress • managing the production schedule and budget • managing the production team • making sure that insurance, health and safety rules, copyright laws and union agreements are followed • may manage a team of other specialized producers, agents and logistics professionals as part of the production process 		
<p>Producer (Level 4)</p>	<p>Provides video/photography/content management services in a direct or consulting role. Plans project strategies and organizes resources to achieve project objectives. Manages and oversees video/photography pre-production planning, casting, logistics, negotiations and on-site production activities for clients. Delivers high quality product(s) on time and within budget. Anticipates and responds to needs and requests from clients. Supervises additional staff during video/photography/content production.</p> <p>Specifics may include:</p> <ul style="list-style-type: none"> • meeting the producer/director/photographer and other senior production staff to examine scripts or program ideas • drawing up a shooting schedule and estimating cost • hiring crews and contractors, and negotiating rates of pay • negotiating costs and approving the booking of resources, equipment and suppliers • overseeing location bookings and arranging any necessary permissions and risk assessments • making sure that the production runs to schedule, and reporting to the producer on progress 	<p>8</p>	<p>Bachelor's</p>

	<ul style="list-style-type: none"> • managing the production schedule and budget • managing the production team • making sure that insurance, health and safety rules, copyright laws and union agreements are followed • may manage a team of other specialized producers, agents and logistics professionals as part of the production process 		
Producer (Level 5)	<p>Provides video/photography/content management services in a direct or consulting role. Plans project strategies and organizes resources to achieve project objectives. Manages and oversees video/photography pre-production planning, casting, logistics, negotiations and on-site production activities for clients. Delivers high quality product(s) on time and within budget. Anticipates and responds to needs and requests from clients. Supervises additional staff during video/photography/content production.</p> <p>Specifics may include:</p> <ul style="list-style-type: none"> • meeting the producer/director/photographer and other senior production staff to examine scripts or program ideas • drawing up a shooting schedule and estimating cost • hiring crews and contractors, and negotiating rates of pay • negotiating costs and approving the booking of resources, equipment and suppliers • overseeing location bookings and arranging any necessary permissions and risk assessments • making sure that the production runs to schedule, and reporting to the producer on progress • managing the production schedule and budget • managing the production team • making sure that insurance, health and safety rules, copyright laws and union agreements are followed • may manage a team of other specialized producers, agents and logistics professionals as part of the production process • additionally, experience as a Team Leader of multiple aspects of production and possibly a large team of other producer's projects may be required for some Task Orders. 	11	Bachelor's
Digital Media Specialist (Level 1)	<p>Provides day-to-day or support level services in a direct or consulting role. Plans digital strategies, plans, channels, digital media reporting, research and executes on those digital media plans to achieve project objectives. Performs timely execution of the project activities through all</p>	0	Bachelor's

	<p>phases of digital media (research, planning, digital media channel negotiations, set-up, execution, reporting) and ultimate completion of the project. Experience in certain digital media (social, display, native, search, etc.) channels and platform specific certifications (google, facebook, linkedin, twitter, MRI, emarketer, etc.) may be required.</p>		
Digital Media Specialist (Level 2)	<p>Provides day-to-day or support level services in a direct or consulting role. Plans digital strategies, plans, channels, digital media reporting, research and executes on those digital media plans to achieve project objectives. Performs timely execution of the project activities through all phases of digital media (research, planning, digital media channel negotiations, set-up, execution, reporting) and ultimate completion of the project. Experience in certain digital media (social, display, native, search, etc.) channels and platform specific certifications (google, facebook, linkedin, twitter, MRI, emarketer, etc.) may be required.</p>	2	Bachelor's
Digital Media Specialist (Level 3)	<p>Provides day-to-day or support level services in a direct or consulting role. Plans digital strategies, plans, channels, digital media reporting, research and executes on those digital media plans to achieve project objectives. Performs timely execution of the project activities through all phases of digital media (research, planning, digital media channel negotiations, set-up, execution, reporting) and ultimate completion of the project. Experience in certain digital media (social, display, native, search, etc.) channels and platform specific certifications (google, facebook, linkedin, twitter, MRI, emarketer, etc.) may be required.</p> <ul style="list-style-type: none"> • may oversee the team or planning process, leaving execution to junior team members 	5	Bachelor's
Digital Media Specialist (Level 4)	<p>Provides day-to-day or support level services in a direct or consulting role. Plans digital strategies, plans, channels, digital media reporting, research and executes on those digital media plans to achieve project objectives. Performs timely execution of the project activities through all phases of digital media (research, planning, digital media channel negotiations, set-up, execution, reporting) and ultimate completion of the project. Experience in certain digital media (social, display, native, search, etc.) channels and platform specific certifications (google, facebook, linkedin, twitter, MRI, emarketer, etc.) may be required.</p> <ul style="list-style-type: none"> • may oversee the team or planning process, leaving execution to junior team members 	8	Bachelor's

Digital Media Specialist (Level 5)	<p>Provides day-to-day or support level services in a direct or consulting role. Plans digital strategies, plans, channels, digital media reporting, research and executes on those digital media plans to achieve project objectives. Performs timely execution of the project activities through all phases of digital media (research, planning, digital media channel negotiations, set-up, execution, reporting) and ultimate completion of the project. Experience in certain digital media (social, display, native, search, etc.) channels and platform specific certifications (google, facebook, linkedin, twitter, MRI, emarketer, etc.) may be required.</p> <ul style="list-style-type: none"> • may oversee the team or planning process, leaving execution to junior team members • additionally, experience in senior leadership and strategic planning as part of large scale, multi-channel initiatives 	11	Bachelor's
Marketing Practitioner (Level 1)	<p>Provides various marketing or advertising support level services in a direct role to meet the needs of a project, likely digital or a combination of digital and offline marketing channels. Support level services to achieve project objectives include any or a combination of the following:</p> <ul style="list-style-type: none"> • Performs timely execution of the project activities through specific specialty areas like: communications, copywriting, design, advertising concepting/ideation, graphics and other content. • Experience in certain digital media (social, display, native, search, etc...) channels and knowledge of digital marketing programs (Adobe Creative Suite, Flash) be required. 	0	Bachelor's
Marketing Practitioner (Level 2)	<p>Provides various marketing or advertising support level services in a direct role to meet the needs of a project, likely digital or a combination of digital and offline marketing channels. Support level services to achieve project objectives include any or a combination of the following:</p> <ul style="list-style-type: none"> • Performs timely execution of the project activities through specific specialty areas like: communications, copywriting, design, advertising concepting/ideation, graphics and other content. • Experience in certain digital media (social, display, native, search, etc...) channels and knowledge of digital marketing programs (Adobe Creative Suite, Flash) be required. 	2	Bachelor's
Marketing Practitioner (Level 3)	<p>Provides various marketing or advertising support level services in a direct role to meet the needs of a project, likely digital or a combination of digital and offline marketing channels. Support level</p>	5	Bachelor's

	<p>services to achieve project objectives include any or a combination of the following:</p> <ul style="list-style-type: none"> • Performs timely execution of the project activities through specific specialty areas like: communications, copywriting, design, advertising concepting/ideation, graphics and other content. • Experience in certain digital media (social, display, native, search, etc...) channels and knowledge of digital marketing programs (Adobe Creative Suite, Flash) be required. • May oversee the team in addition to execution of specific marketing/advertising hands on tasks in their area of specialty 		
Marketing Practitioner (Level 4)	<p>Provides various marketing or advertising support level services in a direct role to meet the needs of a project, likely digital or a combination of digital and offline marketing channels. Support level services to achieve project objectives include any or a combination of the following:</p> <ul style="list-style-type: none"> • Performs timely execution of the project activities through specific specialty areas like: communications, copywriting, design, advertising concepting/ideation, graphics and other content. • Experience in certain digital media (social, display, native, search, etc...) channels and knowledge of digital marketing programs (Adobe Creative Suite, Flash) be required. • May oversee the team in addition to execution of specific marketing/advertising hands on tasks in their area of specialty 	8	Bachelor's
Marketing Practitioner (Level 5)	<p>Provides various marketing or advertising support level services in a direct role to meet the needs of a project, likely digital or a combination of digital and offline marketing channels. Support level services to achieve project objectives include any or a combination of the following:</p> <ul style="list-style-type: none"> • Performs timely execution of the project activities through specific specialty areas like: communications, copywriting, design, advertising concepting/ideation, graphics and other content. • Experience in certain digital media (social, display, native, search, etc...) channels and knowledge of digital marketing programs (Adobe Creative Suite, Flash) be required. • May oversee the team in addition to execution of specific marketing/advertising hands on tasks in their area of specialty • Additionally, experience in senior leadership and large scale, multi-channel marketing campaigns 	11	Bachelor's

Market Researcher (Level 1)	Provides quantitative and/or qualitative research methodology, planning, execution, or analysis of findings for the purpose of marketing, branding, communications, or advertising. Could include a variety of research methods, such as individual interviews, surveys, focus groups, etc.	0	Bachelor's
Market Researcher (Level 2)	Provides quantitative and/or qualitative research methodology, planning, execution, or analysis of findings for the purpose of marketing, branding, communications, or advertising. Could include a variety of research methods, such as individual interviews, surveys, focus groups, etc.	2	Bachelor's
Market Researcher (Level 3)	Provides quantitative and/or qualitative research methodology, planning, execution, or analysis of findings for the purpose of marketing, branding, communications, or advertising. Could include a variety of research methods, such as individual interviews, surveys, focus groups, etc. May oversee the team with strategic guidance or managerial oversight.	5	Bachelor's
Market Researcher (Level 4)	Provides quantitative and/or qualitative research methodology, planning, execution, or analysis of findings for the purpose of marketing, branding, communications, or advertising. Could include a variety of research methods, such as individual interviews, surveys, focus groups, etc. May oversee the team with strategic guidance or managerial oversight.	8	Bachelor's
Market Researcher (Level 5)	Provides quantitative and/or qualitative research methodology, planning, execution, or analysis of findings for the purpose of marketing, branding, communications, or advertising. Could include a variety of research methods, such as individual interviews, surveys, focus groups, etc. May oversee the team with strategic guidance or managerial oversight. May provide experience in senior leadership, strategic guidance or directing.	11	Bachelor's
Marketing Technologist (Level 1)	Provides marketing technology support in a direct role to meet the needs of a project. Could include website creation and design, UX/UI design, integrating website with marketing campaign, CRM tool implementation and management, digital coding/development (fter Effects, HTML5, Jiira, etc.), testing, QA, backend and frontend support.	0	Bachelor's
Marketing Technologist (Level 2)	Provides marketing technology support in a direct role to meet the needs of a project. Could include website creation and design, UX/UI design, integrating website with marketing campaign, CRM tool implementation and management, digital coding/development (fter Effects, HTML5, Jiira, etc.), testing, QA, backend and frontend support.	2	Bachelor's

Marketing Technologist (Level 3)	Provides marketing technology support in a direct role to meet the needs of a project. Could include website creation and design, UX/UI design, integrating website with marketing campaign, CRM tool implementation and management, digital coding/development (fter Effects, HTML5, Jiira, etc.), testing, QA, backend and frontend support. May oversee the team, leading strategy or implementation process, delegating execution to junior team members.	5	Bachelor's
Marketing Technologist (Level 4)	Provides marketing technology support in a direct role to meet the needs of a project. Could include website creation and design, UX/UI design, integrating website with marketing campaign, CRM tool implementation and management, digital coding/development (fter Effects, HTML5, Jiira, etc.), testing, QA, backend and frontend support. May oversee the team, leading strategy or implementation process, delegating execution to junior team members.	8	Bachelor's
Marketing Technologist (Level 5)	Provides marketing technology support in a direct role to meet the needs of a project. Could include website creation and design, UX/UI design, integrating website with marketing campaign, CRM tool implementation and management, digital coding/development (fter Effects, HTML5, Jiira, etc.), testing, QA, backend and frontend support. May oversee the team, leading strategy or implementation process, delegating execution to junior team members. May provide experience in senior leadership, strategic guidance or directing.	11	Bachelor's
Production Specialist (Level 1)	Provides specialty production skills to conduct indoor or outdoor video or photography shoot and/or create post-production deliverables (retouching, cutting, color correcting, sound correcting, finishing). Medium could be digital or film. Follow guidance of marketing strategists and producer to create content to be used as part of a marketing or advertising campaign.	0	Bachelor's
Production Specialist (Level 2)	Provides specialty production skills to conduct indoor or outdoor video or photography shoot and/or create post-production deliverables (retouching, cutting, color correcting, sound correcting, finishing). Medium could be digital or film. Follow guidance of marketing strategists and producer to create content to be used as part of a marketing or advertising campaign.	2	Bachelor's
Production Specialist (Level 3)	Provides specialty production skills to conduct indoor or outdoor video or photography shoot and/or create post-production deliverables (retouching, cutting, color correcting, sound correcting, finishing). Medium could be digital or film. Follow guidance of marketing strategists and producer to create content to be used as part of a	5	Bachelor's

	marketing or advertising campaign. May oversee certain team members, give direction, could work with marketing practitioners for concepting, video storyboarding, script, etc.		
Production Specialist (Level 4)	Provides specialty production skills to conduct indoor or outdoor video or photography shoot and/or create post-production deliverables (retouching, cutting, color correcting, sound correcting, finishing). Medium could be digital or film. Follow guidance of marketing strategists and producer to create content to be used as part of a marketing or advertising campaign. May oversee certain team members, give direction, could work with marketing practitioners for concepting, video storyboarding, script, etc.	8	Bachelor's
Production Specialist (Level 5)	Provides specialty production skills to conduct indoor or outdoor video or photography shoot and/or create post-production deliverables (retouching, cutting, color correcting, sound correcting, finishing). Medium could be digital or film. Follow guidance of marketing strategists and producer to create content to be used as part of a marketing or advertising campaign. May oversee certain team members, give direction, could work with marketing practitioners for concepting, video storyboarding, script, etc. May provide experience in senior leadership, strategic guidance, or directing.	11	Bachelor's
Designer (Level 1)	Provides design capabilities including, but not limited to, development of concepts, strategies, or visual design artifacts utilizing user-centered design practices and methods.	0	Bachelor's
Designer (Level 2)	Provides design expertise and capabilities including, but not limited to, development of concepts, strategies, or visual design artifacts utilizing user-centered design practices and methods.	2	Bachelor's
Designer (Level 3)	Provides hands-on design expertise, shaping the concept and seeing it through to detailed design and implementation across a variety of devices and platforms utilizing human-centered design practices and methods. Responsible for managing and overseeing the delivery of a range of projects, defining project scope, goals, and deliverables in collaboration with key stakeholders.	5	Bachelor's
Designer (Level 4)	Provides hands-on design expertise, shaping the concept and seeing it through to detailed design and implementation across a variety of devices and platforms utilizing human-centered design practices and methods. Responsible for managing and overseeing the delivery of a range of projects, defining project scope, goals, and deliverables in collaboration with key	8	Bachelor's

	stakeholders. May have project ownership responsibilities.		
Designer (Level 5)	Provides hands-on design expertise, shaping the concept and seeing it through to detailed design and implementation across a variety of devices and platforms utilizing human-centered design practices and methods. Responsible for managing and overseeing the delivery of a range of projects, defining project scope, goals, and deliverables in collaboration with key stakeholders. May have project ownership responsibilities. May have additional years of experience in project oversight	11	Bachelor's
Program/Account Manager (Level 1)	Apply broad management skills and specialized expertise to guide project teams in delivering client solutions. Manage the day-to-day operations and tasks of the project delivery. Support project controls related to scope, budgets and schedules. Perform straightforward assignments and report results to management.	0	Bachelor's
Program/Account Manager (Level 2)	Apply broad management skills and specialized expertise to guide project teams in delivering client solutions. Manage the day-to-day operations and tasks of the project delivery. Support project controls related to scope, budgets and schedules. Perform straightforward to more complex assignments and report results to management.	2	Bachelor's
Program/Account Manager (Level 3)	Apply broad management skills and specialized expertise to guide project teams in delivering client solutions. Manage the day-to-day operations and tasks of the project delivery. Support project controls related to scope, budgets and schedules. Perform more complex assignments in support of managerial goals. May oversee certain team members or give direction.	5	Bachelor's
Program/Account Manager (Level 4)	Apply broad management skills and specialized expertise to guide project teams in delivering client solutions. Plan and manage projects to control overall project scope, budgets and schedules for project engagements. Maintain contractor interface with the senior levels of the customer's organization, and consult with customer and contractor personnel to formulate and review task plans and deliverables. May oversee certain team members or give direction.	8	Bachelor's
Program/Account Manager (Level 5)	Apply broad management skills and specialized expertise to guide project teams in delivering client solutions. Plan and manage projects to control overall project scope, budgets and schedules for project engagements. Maintain contractor interface with the senior levels of the customer's organization, and consult with customer and contractor personnel to formulate	11	Bachelor's

	and review task plans and deliverables. May oversee certain team members or give direction. May provide experience in senior leadership, strategic guidance, or directing.		
Business Analyst (Level 1)	<p>Business Analysts may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into requirements. The Business Analyst uses available resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution.</p> <p>In addition, the Business Analyst may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan and hold regular status meetings • Determine and document user requirements for business processes • Provide reviews and analyze information, processes and procedures and any other aspects of the proposed solution • Assist by providing their experience in multiple disciplines including but not limited to: Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis <p>Level 1 performs more routine aspects of the position and is supervised by higher levels.</p>	0	Bachelor's
Business Analyst (Level 2)	<p>Business Analysts may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into requirements. The Business Analyst uses available resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution.</p> <p>In addition, the Business Analyst may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan and hold regular status meetings • Determine and document user requirements for business processes • Provide reviews and analyze information, processes and procedures and any other aspects of the proposed solution • Assist by providing their experience in multiple disciplines including but not limited to: Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis 	2	Bachelor's

	<p>Level 2 performs more varied and difficult tasks compared to Level 1, yet has less autonomy than Level 3.</p>		
<p>Business Analyst (Level 3)</p>	<p>Business Analysts may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into requirements. The Business Analyst uses available resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution.</p> <p>In addition, the Business Analyst may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan and hold regular status meetings • Determine and document user requirements for business processes • Provide reviews and analyze information, processes and procedures and any other aspects of the proposed solution • Assist by providing their experience in multiple disciplines including but not limited to: Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis <p>Level 3 performs more varied and difficult tasks compared to Level 2, and may assist with supervisory tasks</p>	5	Bachelor's
<p>Business Analyst (Level 4)</p>	<p>Business Analysts may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into requirements. The Business Analyst uses available resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution.</p> <p>In addition, the Business Analyst may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan and hold regular status meetings • Determine and document user requirements for business processes • Provide reviews and analyze information, processes and procedures and any other aspects of the proposed solution • Assist by providing their experience in multiple disciplines including but not limited to: Configuration Management, Strategic Planning, 	8	Bachelor's

	<p>Knowledge Management, Business Analysis and Technical Analysis</p> <p>Level 4 is competent in subject matter and concepts and may lead individuals assisting in the work.</p>		
Business Analyst (Level 5)	<p>Business Analysts may provide knowledge in business process and system analysis, design, improvement, and implementation efforts or in translating business process needs into requirements. The Business Analyst uses available resources and personnel to carry out analysis to support management's quest for performance improvement to determine the most useful business solution.</p> <p>In addition, the Business Analyst may</p> <ul style="list-style-type: none"> • Implement a comprehensive management plan and hold regular status meetings • Determine and document user requirements for business processes • Provide reviews and analyze information, processes and procedures and any other aspects of the proposed solution • Assist by providing their experience in multiple disciplines including but not limited to: Configuration Management, Strategic Planning, Knowledge Management, Business Analysis and Technical Analysis <p>Level 5 is competent in subject matter and concepts and may have project ownership responsibilities. May have additional years of experience in project oversight.</p>	11	Bachelor's

Education Substitutions for SINs 512110, 541430, 541511, 541613, 541810, 541820, 541910, 541922 Labor Categories:

Degree	Experience Equivalent
Bachelors	<ul style="list-style-type: none"> • Associate's degree plus two years' experience
Masters	<ul style="list-style-type: none"> • Bachelor's degree plus two years of experience, or • Associates degree plus four years experience
PhD/Doctorate	<ul style="list-style-type: none"> • Master's degree plus two years experience or • Bachelor's degree plus four years experience or • Associates degree plus six years experience

- The years of experience substituted may be used to satisfy education requirements.
- Completion of higher education which has not yet resulted in a degree may be counted as one-for-one years of experience for each year of higher education and may be used to satisfy education requirements.

Experience Substitutions for SINs 512110, 541430, 541511, 541613, 541810, 541820, 541910, 541922 Labor Categories:

Advanced Degree	Equal-To Years of Experience
Masters	Two years
PhD/Doctorate	Four years

- May be used to satisfy experience requirements when the minimum Education requirements are met.

4.1.2 Labor Categories and Rates (SINs 512110, 541430, 541511, 541613, 541810, 541820, 541910, 541922)

4.1.2.1 Customer Facility

Labor Categories at Customer Facility ("Government site")	Base Period					
	Year 1	Year 2	Year 3		Year 4	Year 5
	7/12/17 - 7/11/18	7/12/18 - 4/9/19	4/10/19 - 7/11/19	7/12/19 - 7/11/20	7/12/20 - 7/11/21	7/12/21 - 7/11/22
Marketing Strategist (Level 1)	N/A	N/A	N/A	\$117.24	\$120.64	\$124.14
Marketing Strategist (Level 2)	N/A	N/A	N/A	\$153.96	\$158.42	\$163.01
Marketing Strategist (Level 3)	N/A	N/A	N/A	\$191.10	\$196.64	\$202.34
Marketing Strategist (Level 4)	N/A	N/A	N/A	\$292.05	\$300.52	\$309.24
Marketing Strategist (Level 5)	N/A	N/A	N/A	\$378.86	\$389.85	\$401.16
Producer (Level 1)	N/A	N/A	N/A	\$117.24	\$120.64	\$124.14
Producer (Level 2)	N/A	N/A	N/A	\$153.96	\$158.42	\$163.01
Producer (Level 3)	N/A	N/A	N/A	\$191.10	\$196.64	\$202.34
Producer (Level 4)	N/A	N/A	N/A	\$292.05	\$300.52	\$309.24
Producer (Level 5)	N/A	N/A	N/A	\$378.86	\$389.85	\$401.16
Digital Media Specialist (Level 1)	N/A	N/A	N/A	\$117.24	\$120.64	\$124.14
Digital Media Specialist (Level 2)	N/A	N/A	N/A	\$153.96	\$158.42	\$163.01
Digital Media Specialist (Level 3)	N/A	N/A	N/A	\$191.10	\$196.64	\$202.34
Digital Media Specialist (Level 4)	N/A	N/A	N/A	\$292.05	\$300.52	\$309.24
Digital Media Specialist (Level 5)	N/A	N/A	N/A	\$378.86	\$389.85	\$401.16
Marketing Practitioner (Level 1)	N/A	N/A	N/A	\$117.24	\$120.64	\$124.14
Marketing Practitioner (Level 2)	N/A	N/A	N/A	\$153.96	\$158.42	\$163.01
Marketing Practitioner (Level 3)	N/A	N/A	N/A	\$191.10	\$196.64	\$202.34
Marketing Practitioner (Level 4)	N/A	N/A	N/A	\$292.05	\$300.52	\$309.24
Marketing Practitioner (Level 5)	N/A	N/A	N/A	\$378.86	\$389.85	\$401.16
Market Researcher (Level 1)	N/A	N/A	N/A	\$117.24	\$120.64	\$124.14
Market Researcher (Level 2)	N/A	N/A	N/A	\$153.96	\$158.42	\$163.01
Market Researcher (Level 3)	N/A	N/A	N/A	\$191.10	\$196.64	\$202.34
Market Researcher (Level 4)	N/A	N/A	N/A	\$292.05	\$300.52	\$309.24
Market Researcher (Level 5)	N/A	N/A	N/A	\$378.86	\$389.85	\$401.16
Marketing Technologist (Level 1)	N/A	N/A	N/A	\$117.24	\$120.64	\$124.14
Marketing Technologist (Level 2)	N/A	N/A	N/A	\$153.96	\$158.42	\$163.01
Marketing Technologist (Level 3)	N/A	N/A	N/A	\$191.10	\$196.64	\$202.34
Marketing Technologist (Level 4)	N/A	N/A	N/A	\$292.05	\$300.52	\$309.24

Marketing Technologist (Level 5)	N/A	N/A	N/A	\$378.86	\$389.85	\$401.16
Production Specialist (Level 1)	N/A	N/A	N/A	\$117.24	\$120.64	\$124.14
Production Specialist (Level 2)	N/A	N/A	N/A	\$153.96	\$158.42	\$163.01
Production Specialist (Level 3)	N/A	N/A	N/A	\$191.10	\$196.64	\$202.34
Production Specialist (Level 4)	N/A	N/A	N/A	\$292.05	\$300.52	\$309.24
Production Specialist (Level 5)	N/A	N/A	N/A	\$378.86	\$389.85	\$401.16
Designer (Level 1)	N/A	N/A	N/A	\$117.24	\$120.64	\$124.14
Designer (Level 2)	N/A	N/A	N/A	\$153.96	\$158.42	\$163.01
Designer (Level 3)	N/A	N/A	N/A	\$191.10	\$196.64	\$202.34
Designer (Level 4)	N/A	N/A	N/A	\$292.05	\$300.52	\$309.24
Designer (Level 5)	N/A	N/A	N/A	\$378.86	\$389.85	\$401.16
Program/Account Manager (Level 1)	N/A	N/A	N/A	\$117.24	\$120.64	\$124.14
Program/Account Manager (Level 2)	N/A	N/A	N/A	\$153.96	\$158.42	\$163.01
Program/Account Manager (Level 3)	N/A	N/A	N/A	\$191.10	\$196.64	\$202.34
Program/Account Manager (Level 4)	N/A	N/A	N/A	\$292.05	\$300.52	\$309.24
Program/Account Manager (Level 5)	N/A	N/A	N/A	\$378.86	\$389.85	\$401.16
Business Analyst (Level 1)	N/A	N/A	N/A	\$117.24	\$120.64	\$124.14
Business Analyst (Level 2)	N/A	N/A	N/A	\$153.96	\$158.42	\$163.01
Business Analyst (Level 3)	N/A	N/A	N/A	\$191.10	\$196.64	\$202.34
Business Analyst (Level 4)	N/A	N/A	N/A	\$292.05	\$300.52	\$309.24
Business Analyst (Level 5)	N/A	N/A	N/A	\$378.86	\$389.85	\$401.16

*Note: Prices include the 0.75% Industrial Funding Fee (IFF).

*Note: SINs 512110, 541430, 541511, 541613, 541810, 541820, 541910, 541922 were awarded on June 2, 2020. Rates valid from this date forward within Year 3.

4.1.2.2 Contractor Facility

Labor Categories at Contractor Facility ("Contractor Site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/17	7/12/18	4/10/19	7/12/19	7/12/20	7/12/21
	-	-	-	-	-	-
	7/11/18	4/9/19	7/11/19	7/11/20	7/11/21	7/11/22
Marketing Strategist (Level 1)	N/A	N/A	N/A	\$122.59	\$126.15	\$129.81
Marketing Strategist (Level 2)	N/A	N/A	N/A	\$160.97	\$165.64	\$170.44
Marketing Strategist (Level 3)	N/A	N/A	N/A	\$199.80	\$205.59	\$211.55
Marketing Strategist (Level 4)	N/A	N/A	N/A	\$305.35	\$314.21	\$323.32
Marketing Strategist (Level 5)	N/A	N/A	N/A	\$396.12	\$407.61	\$419.43
Producer (Level 1)	N/A	N/A	N/A	\$122.59	\$126.15	\$129.81
Producer (Level 2)	N/A	N/A	N/A	\$160.97	\$165.64	\$170.44
Producer (Level 3)	N/A	N/A	N/A	\$199.80	\$205.59	\$211.55
Producer (Level 4)	N/A	N/A	N/A	\$305.35	\$314.21	\$323.32
Producer (Level 5)	N/A	N/A	N/A	\$396.12	\$407.61	\$419.43
Digital Media Specialist (Level 1)	N/A	N/A	N/A	\$122.59	\$126.15	\$129.81
Digital Media Specialist (Level 2)	N/A	N/A	N/A	\$160.97	\$165.64	\$170.44
Digital Media Specialist (Level 3)	N/A	N/A	N/A	\$199.80	\$205.59	\$211.55

Digital Media Specialist (Level 4)	N/A	N/A	N/A	\$305.35	\$314.21	\$323.32
Digital Media Specialist (Level 5)	N/A	N/A	N/A	\$396.12	\$407.61	\$419.43
Marketing Practitioner (Level 1)	N/A	N/A	N/A	\$122.59	\$126.15	\$129.81
Marketing Practitioner (Level 2)	N/A	N/A	N/A	\$160.97	\$165.64	\$170.44
Marketing Practitioner (Level 3)	N/A	N/A	N/A	\$199.80	\$205.59	\$211.55
Marketing Practitioner (Level 4)	N/A	N/A	N/A	\$305.35	\$314.21	\$323.32
Marketing Practitioner (Level 5)	N/A	N/A	N/A	\$396.12	\$407.61	\$419.43
Market Researcher (Level 1)	N/A	N/A	N/A	\$122.59	\$126.15	\$129.81
Market Researcher (Level 2)	N/A	N/A	N/A	\$160.97	\$165.64	\$170.44
Market Researcher (Level 3)	N/A	N/A	N/A	\$199.80	\$205.59	\$211.55
Market Researcher (Level 4)	N/A	N/A	N/A	\$305.35	\$314.21	\$323.32
Market Researcher (Level 5)	N/A	N/A	N/A	\$396.12	\$407.61	\$419.43
Marketing Technologist (Level 1)	N/A	N/A	N/A	\$122.59	\$126.15	\$129.81
Marketing Technologist (Level 2)	N/A	N/A	N/A	\$160.97	\$165.64	\$170.44
Marketing Technologist (Level 3)	N/A	N/A	N/A	\$199.80	\$205.59	\$211.55
Marketing Technologist (Level 4)	N/A	N/A	N/A	\$305.35	\$314.21	\$323.32
Marketing Technologist (Level 5)	N/A	N/A	N/A	\$396.12	\$407.61	\$419.43
Production Specialist (Level 1)	N/A	N/A	N/A	\$122.59	\$126.15	\$129.81
Production Specialist (Level 2)	N/A	N/A	N/A	\$160.97	\$165.64	\$170.44
Production Specialist (Level 3)	N/A	N/A	N/A	\$199.80	\$205.59	\$211.55
Production Specialist (Level 4)	N/A	N/A	N/A	\$305.35	\$314.21	\$323.32
Production Specialist (Level 5)	N/A	N/A	N/A	\$396.12	\$407.61	\$419.43
Designer (Level 1)	N/A	N/A	N/A	\$122.59	\$126.15	\$129.81
Designer (Level 2)	N/A	N/A	N/A	\$160.97	\$165.64	\$170.44
Designer (Level 3)	N/A	N/A	N/A	\$199.80	\$205.59	\$211.55
Designer (Level 4)	N/A	N/A	N/A	\$305.35	\$314.21	\$323.32
Designer (Level 5)	N/A	N/A	N/A	\$396.12	\$407.61	\$419.43
Program/Account Manager (Level 1)	N/A	N/A	N/A	\$122.59	\$126.15	\$129.81
Program/Account Manager (Level 2)	N/A	N/A	N/A	\$160.97	\$165.64	\$170.44
Program/Account Manager (Level 3)	N/A	N/A	N/A	\$199.80	\$205.59	\$211.55
Program/Account Manager (Level 4)	N/A	N/A	N/A	\$305.35	\$314.21	\$323.32
Program/Account Manager (Level 5)	N/A	N/A	N/A	\$396.12	\$407.61	\$419.43
Business Analyst (Level 1)	N/A	N/A	N/A	\$122.59	\$126.15	\$129.81
Business Analyst (Level 2)	N/A	N/A	N/A	\$160.97	\$165.64	\$170.44
Business Analyst (Level 3)	N/A	N/A	N/A	\$199.80	\$205.59	\$211.55
Business Analyst (Level 4)	N/A	N/A	N/A	\$305.35	\$314.21	\$323.32
Business Analyst (Level 5)	N/A	N/A	N/A	\$396.12	\$407.61	\$419.43

**Note: Prices include the 0.75% Industrial Funding Fee (IFF).*

**Note: SINs 512110, 541430, 541511, 541613, 541810, 541820, 541910, 541922 were awarded on June 2, 2020. Rates valid from this date forward within Year 3.*

4.2 Business Administration Services SINs

A key component of our ability to help our clients change to become more successful is hiring, training, and maintaining highly skilled professional personnel. We are pleased to offer you the service of our professionals using the following Business Functions labor categories. Accenture Federal Business Functions professionals deliver world-class business solutions through business process redesign, business architecture design implementation, and organizational design and human resource development. The general experience and functional responsibility represent the minimum qualifications for each category. Substitution of years of experience and/or education is permitted in accordance with the information provided in the “Education and Experience Substitution” tables. Resumes will be provided upon request.

4.2.1 Labor Category Descriptions (SIN 541611, formerly 874 1 and 874 6; SIN 611430, formerly 874 4)

Labor Category Name	Labor Category Description	Min Yrs Experience	Min Education
Business Functions Analyst 1	<p>General Experience. Business Functions Analysts (1)s have been trained in business support, systems development, analysis, and/or training methodologies. No experience is required</p> <p>Functional Responsibility. Business Functions Analyst (1)s apply their strong analytical and technical skills to assist in implementing business solutions. Business Functions Analysts are directed to exercise core skills on projects, or they may direct small teams. A Business Functions Analyst (1) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Document an organization’s current business process flows • Identify and document functional requirements for business architecture design • Develop project documentation and user training materials according to program specifications • Conduct user training sessions • Prepare communications plans • Produce database extracts • Provide technical support to software development teams • Conduct research and analysis • Perform program management support tasks, such as status reporting and workplan maintenance. . 	0	Bachelor’s Degree or equivalent experience
Business Functions Analyst 2	<p>General Experience. Business Functions Analysts (2)s possess 1 year of experience in business architecture design implementation, change management efforts, business support, analysis, or business process redesign.</p> <p>Functional Responsibility. Business Functions Analyst (2)s apply their strong analytical and technical skills to assist in implementing business solutions. Business Functions Analysts are directed to exercise core skills on</p>	1	Bachelor’s Degree or equivalent experience

	<p>projects, or they may direct small teams. A Business Functions Analyst (2) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Document an organization’s current business process flows • Identify and document functional requirements for business architecture design • Develop project documentation and user training materials according to program specifications • Conduct user training sessions • Prepare communications plans • Produce database extracts • Provide business and technical support to software development teams • Conduct research and analysis • Perform program management support tasks, such as status reporting and workplan maintenance. 		
Business Functions Analyst 3	<p>General Experience. Business Functions Analysts (3)s possess 2 years of experience in business architecture design implementation, change management efforts, business support, analysis, or business process redesign.</p> <p>Functional Responsibility. Business Functions Analyst (3)s apply their strong analytical and technical skills to assist in implementing business solutions. Business Functions Analysts are directed to exercise core skills on projects, or they may direct small teams. A Business Functions Analyst (3) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Document an organization’s current business process flows • Identify and document functional requirements for business architecture design • Develop project documentation and user training materials according to program specifications • Conduct user training sessions • Prepare communications plans • Produce database extracts • Provide business and technical support to software development teams • Conduct research and analysis • Perform program management support tasks, such as status reporting and workplan maintenance. 	2	Bachelor’s Degree or equivalent experience
Business Functions Analyst 4	<p>General Experience. Business Functions Analysts (4)s possess 3 years of experience in business architecture design implementation, change management efforts, business support, analysis, or business process redesign.</p> <p>Functional Responsibility. Business Functions Analyst (4)s apply their strong analytical and technical skills to assist in implementing business solutions. Business Functions Analysts are directed to exercise core skills on projects, or they may direct small teams. A Business Functions Analyst (4) is qualified to perform tasks such as:</p>	3	Bachelor’s Degree or equivalent experience

	<ul style="list-style-type: none"> • Document an organization’s current business process flows • Identify and document functional requirements for business architecture design • Develop project documentation and user training materials according to program specifications • Conduct user training sessions • Prepare communications plans • Produce database extracts • Provide business and technical support to Business Functions development teams • Conduct research and analysis • Perform program management support tasks, such as status reporting and workplan maintenance. 		
Business Functions Consultant 1	<p>General Experience. Business Functions Consultant (1)s possess 2 years of experience in business architecture design implementation, change management efforts, business support, analysis, or business process redesign.</p> <p>Functional Responsibility. Business Functions Consultant (1)s apply their advanced skills and experience in systems development, detailed knowledge of business processes, technical background and supervisory skills to implement business solutions. On Accenture projects, Business Functions Consultants provide direction to project teams and interact with clients at the supervisory level. A Business Functions Consultant (1) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Supervise Business Functions analysts in the development of technical or business solutions, or training curricula • Lead business process redesign teams in the development of new business process architectures. • Design training programs for business • Participate in quality reviews to ensure work complies with specified standards • Develop team workplans / Perform workflow analyses • Define business architecture design requirements • Conduct or provide guidance on research and analysis • Assist in project budget preparation. 	2	Bachelor’s Degree or equivalent experience
Business Functions Consultant 2	<p>General Experience. Business Functions Consultant (2)s possess 3 years of experience in business architecture design implementation, change management efforts, business support, analysis, or business process.</p> <p>Functional Responsibility. Business Functions Consultant (2)s apply their advanced skills and experience in systems development, detailed knowledge of business processes, technical background and supervisory skills to implement business solutions. On Accenture projects, Business Functions Consultants provide direction to project teams and interact with clients at the supervisory level. A Business</p>	3	Bachelor’s Degree or equivalent experience

	<p>Functions Consultant (2) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Supervise Business Functions analysts in the development of technical or business solutions, testing or assessment reviews, or training curricula • Lead business process redesign teams in the development of new business process architectures. • Design training programs for business architecture design users • Participate in quality reviews to ensure work complies with specified standards • Develop team workplans • Perform workflow analyses • Define business architecture design requirements • Conduct or provide guidance on research and analysis • Assist in project budget preparation. 		
Business Functions Consultant 3	<p>General Experience. Business Functions Consultant (3)s possess 4 years of experience in business architecture design implementation, change management efforts, business support, analysis or business process redesign.</p> <p>Functional Responsibility. Business Functions Consultant (3)s apply their advanced skills and experience in systems development, detailed knowledge of business processes, technical background and supervisory skills to implement business solutions. On Accenture projects, Business Functions Consultants provide direction to project teams and interact with clients at the supervisory level. A Business Functions Consultant (3) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Supervise Business Functions analysts in the development of software designs, computer programming, system testing or training curricula • Lead business process redesign teams in the development of new business process architectures. • Design training programs for business architecture design users • Participate in quality reviews to ensure work complies with specified standards • Develop team workplans / Perform workflow analyses • Define business architecture design requirements • Assist in project budget preparation. 	4	Bachelor's Degree or related experience
Business Functions Consultant 4	<p>General Experience. Business Functions Consultant (4)s possess 5 years of experience in business architecture design implementation, change management efforts, business support, analysis, or business process redesign.</p> <p>Functional Responsibility. Business Functions Consultant (4)s apply their advanced skills and experience in systems development, detailed knowledge of business processes, technical background and supervisory skills to implement business solutions. On Accenture projects, Business Functions Consultants provide direction to project teams</p>	5	Bachelor's Degree or equivalent experience

	<p>and interact with clients at the supervisory level. A Business Functions Consultant (4) is qualified to perform tasks such as:</p> <ul style="list-style-type: none"> • Supervise Business Functions analysts in the development of technical or business solutions, testing or assessment reviews, or training curricula • Lead business process redesign teams in the development of new business process architectures. • Design training programs for business architecture design users • Participate in quality reviews to ensure work complies with specified standards • Develop team workplans / Perform workflow analyses • Define business architecture design requirements • Conduct or provide guidance on research analysis • Assist in project budget preparation. 		
Business Functions Manager 1	<p>General Experience. Business Functions Manager (1)s possess 5 years of experience in business architecture design implementation, change management efforts, business support, analysis, or business process redesign.</p> <p>Functional Responsibility. Business Functions Manager (1)s apply their broad management skills and specialized functional and technical expertise to guide project teams in delivering client solutions or to manage the day-to-day operations of Accenture projects. Business Functions Managers provide subject matter expertise in industry, process or business process redesign. A Business Functions Manager (1) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Plan and manage the work of business architecture design project teams • Design and implement new organization structures • Conceptual design and development of training curricula • Assist an organization translate its vision and strategy into core human resource and business processes • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets. 	5	Bachelor's Degree or equivalent experience
Business Functions Manager 2	<p>General Experience. Business Functions Manager (2)s possess 6 years of experience in business architecture, design implementation, change management efforts, business support, analysis, or business process redesign.</p> <p>Functional Responsibility. Business Functions Manager (2)s apply their broad management skills and specialized functional and technical expertise to guide project teams in delivering client solutions or to manage the day-to-day operations of Accenture projects. Business Functions Managers provide subject matter expertise in industry, process or business process redesign. A Business Functions Manager (2) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Plan and manage the work of business architecture design project teams 	6	Bachelor's Degree or equivalent experience

	<ul style="list-style-type: none"> • Design and implement new organization structures • Conceptual design and development of training curricula • Assist an organization translate its vision and strategy into core human resource and business processes • Lead clients through streamlining, reengineering and transforming business processes • Develop and execute project budgets. 		
Business Functions Manager 3	<p>General Experience. Business Functions Manager (3)s possess 7 years of experience in business architecture design implementation, change management efforts business support, analysis, or business process redesign.</p> <p>Functional Responsibility. Business Functions Manager (3)s apply their broad management skills and specialized functional and technical expertise to guide project teams in delivering client solutions or to manage the day-to-day operations of Accenture projects. Business Functions Managers provide subject matter expertise in industry, process or business process redesign. A Business Functions Manager (3) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Plan and manage the work of business architecture design project teams • Design and implement new organization structures • Conceptual design and development of training curricula • Assist an organization translate its vision and strategy into core human resource and business processes • Lead clients through streamlining, reengineering and transforming business processes • Develop business solutions and supervise analysis • Develop and execute project budgets. 	7	Bachelor's Degree or equivalent experience
Business Functions Manager 4	<p>General Experience. Business Functions Manager (4)s possess 8 years of experience in business architecture design implementation, change management efforts, business support, analysis, or business process redesign.</p> <p>Functional Responsibility. Business Functions Manager (4)s apply their broad management skills and specialized functional and technical expertise to guide project teams in delivering client solutions or to manage the day-to-day operations of Accenture projects. Business Functions Managers provide subject matter expertise in industry, process or business process redesign. A Business Functions Manager (4) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Plan and manage the work of business architecture design project teams • Design and implement new organization structures • Conceptual design and development of training curricula • Assist an organization translate its vision and strategy into core human resource and business processes • Lead clients through streamlining, reengineering and transforming business processes • Develop business solutions and supervise analysis 	8	Bachelor's Degree or equivalent experience

	<ul style="list-style-type: none"> • Develop and execute project budgets 		
Business Functions Senior Manager 1	<p>General Experience. Business Functions Senior Manager (1)s possess 8 years of experience in business architecture design implementation, change management efforts, business support, analysis, or business process redesign.</p> <p>Functional Responsibility. Business Functions Senior Manager (1)s apply their broad management skills and specialized functional and business expertise to lead complex, large projects in delivering client solutions or to manage the operations of multiple Accenture projects. Business Functions Senior Managers provide subject matter expertise in industry, process or business process redesign. A Business Functions Senior Manager (1) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Plan and manage the work of business architecture design project teams • Design and implement new organization structures • Conceptual design and development of training curricula • Work with client executives to facilitate • organizational change programs and realize business goals • Lead clients through streamlining, reengineering and transforming business processes • Ensure consistency of quality across multiple projects • Develop business solutions and supervise analysis • Manage client contracts. 	8	Bachelor's Degree or equivalent experience
Business Functions Senior Manager 2	<p>General Experience. Business Functions Senior Manager (2)s 9 years of experience in business architecture design implementation, change management efforts, business support, analysis, or business process redesign.</p> <p>Functional Responsibility. Business Functions Senior Manager (2)s apply their broad management skills and specialized functional and technical expertise to lead complex, large projects in delivering client solutions or to manage the operations of multiple Accenture projects. Business Functions Senior Managers provide subject matter expertise in industry, process or business process redesign. A Business Functions Senior Manager (2) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Plan and manage the work of business architecture design project teams • Design and implement new organization structures • Conceptual design and development of training curricula • Work with client executives to facilitate organizational change programs and realize business goals • Lead clients through streamlining, reengineering and transforming business processes • Ensure consistency of quality across multiple projects • Develop business solutions and supervise analysis • Manage client contracts. 	9	Bachelor's Degree or equivalent experience

Business Functions Senior Manager 3	<p>General Experience. Business Functions Senior Manager (3)s 10 years of experience in business architecture design implementation, change management efforts, business support, analysis, or business process redesign.</p> <p>Functional Responsibility. Business Functions Senior Manager (3)s apply their broad management skills and specialized functional and technical expertise to lead complex, large projects in delivering client solutions or to manage the operations of multiple Accenture projects. Business Functions Senior Managers provide subject matter expertise in industry, process or business process redesign. A Business Functions Senior Manager (3) is qualified to perform such tasks as:</p> <ul style="list-style-type: none"> • Plan and manage the work of business architecture design project teams • Design and implement new organization structures • Conceptual design and development of training curricula • Work with client executives to facilitate organizational change programs and realize business goals • Lead clients through streamlining, reengineering and transforming business processes • Ensure consistency of quality across multiple projects • Develop business solutions and supervise analysis • Manage client contracts. 	<p>10</p>	<p>Bachelor's Degree or equivalent experience</p>
Business Functions Associate Partner 1	<p>General Experience. Business Functions Associate Partner (1)s possess 10 years of experience in business architecture design implementation, change management efforts, business support, analysis, or business process redesign.</p> <p>Functional Responsibility. Business Functions Associate Partner (1)s have management authority for client engagements. In this capacity, they apply their extensive experience in planning and managing large scale, complex projects to control overall project scope, budgets and schedules for multi-project engagements. Business Functions Associate Partner (1)s perform such duties as:</p> <ul style="list-style-type: none"> • Set overall policy direction for client engagements • Communicate with Business Functions Partner and client executive management to ensure critical issues are addressed • Provide expert guidance to projects in industry and functional areas • Act as senior client liaison • Provide oversight to business function resources • Oversee contract and financial management of one or more client engagements. 	<p>10</p>	<p>Bachelor's Degree or equivalent experience</p>
Business Functions Associate Partner 2	<p>General Experience. Business Functions Associate Partner (2)s possess 11 years of experience in business architecture design implementation, change management efforts, business support, analysis, or business process redesign.</p>	<p>11</p>	<p>Bachelor's Degree or equivalent experience</p>

	<p>Functional Responsibility. Business Functions Associate Partner (2)s have management authority for client engagements. In this capacity, they apply their extensive experience in planning and managing large scale, complex projects to control overall project scope, budgets and schedules for multi- project engagements. Business Functions Associate Partner (2)s perform such duties as:</p> <ul style="list-style-type: none"> • Set overall policy direction for client engagements • Communicate with Business Functions Partner and client executive management to ensure critical issues are addressed • Provide expert guidance to projects in industry and functional areas • Act as senior client liaison • Provide oversight to business function resources • Oversee contract and financial management of one or more client engagements. 		
Business Functions Associate Partner 3	<p>General Experience. Business Functions Associate Partner (3)s possess 12 years of experience in business architecture design implementation, change management efforts, business support, analysis, or business process redesign.</p> <p>Functional Responsibility. Business Functions Associate Partner (3)s have management authority for client engagements. In this capacity, they apply their extensive experience in planning and managing large scale, complex projects to control overall project scope, budgets and schedules for multi- project engagements. Business Functions Associate Partner (3)s perform such duties as:</p> <ul style="list-style-type: none"> • Set overall policy direction for client engagements • Communicate with Business Functions Partner and client executive management to ensure critical issues are addressed • Provide expert guidance to projects in industry and functional areas • Act as senior client liaison • Provide oversight to business function resources • Oversee contract and financial management of one or more client engagements. 	12	Bachelor's Degree or equivalent experience
Business Functions Associate Partner 4	<p>General Experience. Business Functions Associate Partner (4)s possess 13 years of experience in business architecture design implementation, change management efforts, business support, analysis, or business process redesign.</p> <p>Functional Responsibility. Business Functions Associate Partner (4)s have management authority for client engagements. In this capacity, they apply their extensive experience in planning and managing large scale, complex projects to control overall project scope, budgets and</p>	13	Bachelor's Degree or equivalent experience

	<p>schedules for multi- project engagements. Business Functions Associate Partner (4)s perform such duties as:</p> <ul style="list-style-type: none"> • Set overall policy direction for client engagements • Communicate with Business Functions Partner and client executive management to ensure critical issues are addressed • Provide expert guidance to projects in industry and functional areas • Act as senior client liaison • Provide oversight to business function resources 		
Business Functions Partner 1	<p>Oversee contract and financial management of one or more client engagements.</p> <p>General Experience. A Business Functions Partner 1 possess 12 years of experience in business architecture design implementation, change management efforts, business support, analysis, or business process redesign.</p> <p>Functional Responsibility. A Business Functions Partner has overall accountability for business solution programs. Business Functions Partners are responsible for product delivery and financial management of client engagements. A Business Functions Partner performs independent quality assurance reviews of program performance and deliverables to ensure that contractual obligations are being met. Business Functions Partners also are recognized experts in the areas of business process redesign, business architectures, organizational change or specific industries. They lend thought leadership to engagement teams in developing creative solutions to client business problems.</p>	12	Bachelor's Degree or equivalent experience
Lean Six Sigma Master Black Belt	<p>Minimum/General Experience: Master Black belts have at 5 years of Six Sigma experience, completed a Master Black Belt technical examination, and lead the training and successful project execution of at least two waves of candidate Black Belts. Must be highly trained and experienced experts in the deployment of Lean Six Sigma methods and tools.</p> <p>Functional Responsibility: Master Black Belts deliver Lean Six Sigma Black Belt training, Design for Lean Six Sigma Training, and improvements projects, Kaizen Events, Master Black Belt Training, Green Belt training, Executive Sessions, Champion training and provide coaching to organizational leaders during the Lean Six Sigma deployment.</p> <p>Master Black Belts are certified through corporations and the American Society of Quality (ASQ). Master Black Belts are the technical experts on Lean Six Sigma methodologies and tools. Leads larger, more complex Lean Six Sigma program initiatives and improvement projects.</p>	5	Bachelor's degree or equivalent
Lean Six Sigma Black Belt	<p>Minimum/General Experience: Lean Six Sigma Black Belts must be trained experts on the application of Lean Six Sigma methods and tools in the improvement of processes</p>	2	Bachelor's degree or equivalent

	<p>with 2 years of Lean Six Sigma experience. Black Belts must complete training, pass all written examinations and the successfully complete two improvement projects.</p> <p>Functional Responsibility: Black Belts deliver Kaizen Events, Belt training, Executive Sessions, Champion training and provide coaching during the course of their projects. Black Belts are certified by corporations and through the American Society of Quality.</p> <p>Minimum Education: Bachelor's degree or equivalent</p>		
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Education Substitutions

Education and Experience Substitutions for Professional Services Labor Categories:

Education and experience may be substituted for each other. Each year of relevant experience may be substituted for one year of education and vice versa. In addition, certifications, professional licenses, and vocational technical training may be substituted for experience or education.

Degree	Experience Equivalent*	Other Equivalent
High School		GED
Associates	<ul style="list-style-type: none"> Two years relevant experience 	Vocational or technical training in work-related field
Bachelors	<ul style="list-style-type: none"> Associates degree plus two years relevant experience, or four years relevant experience 	Professional certification
Masters	<ul style="list-style-type: none"> Bachelors degree plus two years of relevant experience, or Associates degree plus four years relevant experience, or six years relevant experience 	
PhD / Doctorate	<ul style="list-style-type: none"> Masters degree plus two years relevant experience or Bachelors degree plus four years relevant experience or Associates degree plus six years relevant experience or eight years relevant experience. 	

- *Completion of higher education which has not yet resulted in a degree may be counted as one-for-one years of experience for each year of higher education and may be used to satisfy experience requirements.

Experience Substitutions

Advanced Degree	Equal-To Years of Experience
Masters	Two years
PhD/Doctorate	Four years

- *May be used to satisfy experience requirements when the minimum Education requirements are met.

Facilitation Session – Kaizen Workshop

Kaizen is a focused, high energy, high velocity cross-functional team breakthrough event. The 1- week Kaizen Event, following a tightly scoped 3-day Define phase of the

Lean Six Sigma DMAIC (Define, Measure, Analyze, Improve, Control) process focuses cross-functional teams on the Measure-Analyze-Improve-Control phases of the DMAIC process. Teams define current state via value stream maps, process walkthroughs, videotape, pictures, and data. Teams analyze the process to identify root causes, then design, pilot, and implement improvements, train affected employees, and ensure new processes are capable. Findings, results and remaining actions presented to management are completed with facilitation following the event in a tightly scoped 2-day follow-up to the Control phase to ensure gains are being sustained.

The total 2-week effort is typically divided into Kaizen Event Prep and Kaizen Event. Participants learn a continuous improvement implementation strategy that is quick and effective. They will also learn how to use a wide array of tools and problem solving techniques as well as how to map, measure, analyze, plan, implement, and sustain significant process improvements.

Typical Kaizen results are a 20-50% reduction in Lead Time, 5-20% improvement in productivity, 20-50% reduction in inventory, and significant improvements to quality, on-time performance, and safety, Improved work area (cleaner, safer, better organized). Typical results range from \$10K-\$250K per Kaizen. Workshop size is 10-12 client participants.

4.2.2 Descriptions for Professional and Management Development Training (SIN 611430, formerly 874 4)

Design for Lean Six Sigma Black Belt

Objectives of the Course: Design for Lean Six Sigma (DFLSS) is similar to Six Sigma in that the focus is on improving quality, time to market, and delivering measurable financial results. However, where Six Sigma is focused on improving existing processes, DFLSS is focused on creating new designs or new processes (transactional and/or manufacturing). DFLSS is focused on designing-in quality rather than addressing quality problems down the road.

Achieve a flawless launch of new high-value products that meet the cost and timing goals of the business while delighting customers. This course includes:

- Comprehensive curriculum that incorporates all phases of new product development including market segmentation, requirements gathering, concept selection, system design, detailed design, pilot, and production.
- Emphasis on Voice of the Customer throughout design and development ensures market enthusiasm for the new product offerings.
- Integrated Lean methods focus on speed and efficiency.
- Well-balanced curriculum incorporates both human factors and technical toolkits.

The workshop size is 25-30 client participants. The four weeks of classroom (50% instruction, 50% hands-on exercises) are spread out over 4-6 months to allow work on projects in between training weeks.

To obtain certification, it is expected that Black Belt candidates complete pre-work assigned prior to class, pass all examinations (scoring at least 80%) and successfully complete an assigned improvement project. The course is staffed with 2 instructors.

Green Belt Training—Lean Six Sigma

This two-week course provides Green Belt candidates with the understanding of Lean Six Sigma, Lean Six Sigma improvement tools and project management fundamentals to be active contributors to a Black Belt project or lead small-scale Lean Six Sigma improvement projects.

Topics addressed in this course include establishing effective improvement teams, understanding the voice of the customer, process mapping, Pareto charts, histograms, Failure Modes and Effect Analysis, the value of process cycle time compression, control charts, measurement system analysis, sampling and data collection, process capability, Kaizen events, 5S, Setup reduction, process value analysis, introduction to DOE, ANOVA and process control. This course is a mix of case studies, simulations and presentation.

There is a final exam where 70% is a passing score. The workshop size is 25-30 client participants. The course is staffed with 2 instructors.

Kaizen Leadership Training

This training is for providing instructions to Black Belts and Green Belts on how to facilitate and direct Kaizen events. Kaizen events are intensive, action-oriented, cross-functional, accelerated mini-DMAIC projects, focusing on realization of immediate improvements within a targeted process area. This workshop is taught as a combination of lecture, case studies and simulations. This intensive training teaches participants processes for Kaizen event selection, scoping, preparation, facilitation, and post-work. This course assumes attendees have completed Black Belt and/or Green Belt training and certification. Class size is 10 to 12, and the length is 4-days. It is staffed with two instructors.

Lean Six Sigma Executive Training

This 2-day course is designed to prepare key managers to perform their oversight roles during a Lean Six Sigma deployment. The course provides managers with a working knowledge of the Lean Six Sigma program, methodology and processes. The course also provides guidelines for performing their management roles.

The first day of the course is delivered as an interactive, business simulation. This simulation has the participants assume roles within an organization and apply the DMAIC improvement methodology and improvement tools on the simulated process. As a team, they move a poorly functioning process to higher levels of performance through the use of the methods and tools including project chartering, process capability, process mapping, narrowing critical process variables, Pareto charts, histograms, box plots, descriptive statistics, run charts, cause and effect matrix and developing and implementing pilot solutions.

The second day provides additional information on the history of Lean, Six Sigma, and Lean Six Sigma, the key roles in a deployment, additional tools and key management processes to support a Lean Six Sigma deployment including project identification, project selection, selection of Black Belts and Green Belts, performing Gate Reviews,

communication of the program goals and status and sharing organizational best practices. After completing the course, participants will apply the concepts to overseeing their own BB project for the next 3-5 months. The workshop size is 25-30 client participants. The course is staffed with 2 instructors.

Lean Six Sigma Executive (1-Day)

This course is delivered to all levels of an organization to provide an overview of the history of Lean Six Sigma, describe the improvement approach, allow all participants to experience an actual project implementation lifecycle through a business simulation. This simulation has the participants assume roles within an organization and apply the DMAIC improvement methodology and improvement tools on the simulated process. As a team, they move a poorly functioning process to higher levels of performance through the use of the methods and tools including project chartering, process capability, process mapping, narrowing critical process variables, Pareto charts, histograms, box plots, descriptive statistics, run charts, cause and effect matrix and developing and implementing pilot solutions. The workshop size is 25-30 client participants. The course is staffed with 2 instructors.

Lean Six Sigma Black Belt Course

This five week course provides the Lean Six Sigma Black Belt candidate with an integrated Lean and Six Sigma curriculum enabling them to apply the DMAIC methodology (Design— Measure—Analyze—Improve—Control), Six Sigma problem solving tools including; Process Mapping, value-stream mapping, Value Analysis, Brainstorming, Statistical Process Control, Check Sheets, Run Charts, Histograms, Scatter Diagrams, Control Charts, Pareto Analysis, Cause & Effect/Fishbone Diagrams, Nominal Group Technique/Multi-voting, Affinity , Interrelationship Digraphs (ID), Force Field Analysis, Gage R&R, Cp & Cpk, Multivari Chart, Boxplots, Main Effects Plots, Interaction Plots, Regression Analysis, Analysis of Variance (ANOVA), C&E Matrices/QFD, Failure Modes & Effects Analysis (FMEA), Design of Experiments (DOE), Hypothesis Testing and Response Surface Methodology and critical Lean Improvement tools including; "Time Trap" identification and improvement, Process Flow Analysis, Lean Production design, Poka-Yoke, Sales and operations planning, stocking strategy, Materials management, Shop floor controls, Kaizen Blitz, Vendor certification/scorecards/ lead- time reduction, pull system design and cycle time reduction.

This unique course is particularly applicable in complex processes where quality improvement, speed and process cycle time reduction are critical for organizational success. Successful completion of the Black Belt course requires attendance of all 4 weeks of training and passing three quizzes and final exam with a grade of 70% or higher.

Minitab statistical analysis software is recommended. This training is delivered over the course of 4-5 months with three weeks of improvement project work between the four or

five one week training classes. The workshop size is 25-30 client participants. The course is staffed with 2 instructors.

Introduction to Lean Six Sigma

This training provides participants with a working knowledge of the Lean Six Sigma program, methodology and processes. The course methodology is delivered as an interactive, business simulation. This simulation has the participants assume roles within an organization and apply the DMAIC improvement methodology and improvement tools on the simulated process. As a team, they move a poorly functioning process to higher levels of performance through the use of methods and tools including project chartering, process capability, process mapping, narrowing critical process variables, Pareto charts, histograms, box plots, descriptive statistics, run charts, cause and effect matrix and developing and implementing pilot solutions.

The training also provides additional information on the history of Lean, Six Sigma and Lean Six Sigma, the key roles in a deployment, and additional tools used to support a Lean Six Sigma deployment.

The workshop size is 25-30 client participants. The course is one day in length and is staffed with two instructors.

Lean Six Sigma Project Sponsor Training (3 days)

At the heart of any continuous improvement initiative is the establishment of process ownership and accountability. Lean Six Sigma accomplishes this by actively engaging P&L managers, process owners, key stakeholders and enablers as Project Sponsors. This workshop also builds on the foundation of the Executive Workshop and further encompasses:

- Process Owner Roles—Understand expected roles and responsibilities for process owners
- Improved accountability and ownership for project results
- Fundamental Lean Six Sigma concepts/tools
- Project Impact—Understand how financial guidelines work; how to value project results
- Gating Process—Training on Process Owner's role in gating process to ensure effective and thorough completion of each phase within DMAIC
- Project Charter—Understand how to create the document that serves as project contract or "blueprint" that may ultimately enable enterprise-wide best practice sharing

The workshop size is 25-30 client participants. The course is 3-days in length and staff with two instructors.

Lean Six Sigma Master Black Belt Training (3 weeks)

Master Black Belts are the in house experts for disseminating Lean Six Sigma knowledge and learning. Master Black Belt training was designed to ensure:

- Competency in the necessary skills to be a successful Master Black Belt
- Technical ability at a level necessary for successful instruction
- Technical and Management ability at a level necessary for coaching successful project completion
- Technical and Management ability at a level necessary for successful completion of complex, cross-functional projects
- Coaching and mentoring ability at a level necessary for successful Black Belt leadership
- Leadership ability at a level necessary for causing successful organizational change.

Course Overview. Our approach requires a significant number of hours in off-line study and preparation and includes:

- Two weeks of in class training to build deeper coaching and teaching capabilities in Lean Six Sigma and reinforce key behavioral concepts
- One week of Lean Six Sigma curriculum "teachbacks" in which candidates instruct modules to trainee peers with full coaching from MBBs

The workshop size is 25-30 client participants. The course is 3-weeks in length and is staffed with two instructors.

Lean Six Sigma Deployment Planning Kaizen

The Deployment Planning workshop is designed to dramatically accelerate the process of completing the many decisions necessary for an organization to successfully deploy Lean Six Sigma (LSS). Accenture Federal Services LLC staffs the workshop with senior resources that have broad experience deploying Lean Six Sigma in organizations similar to that of the client. They provide broad subject matter expertise in each area of deployment decision making. In addition to significantly accelerating the deployment decision making process, the workshop provides for a much improved and coordinated decision making process.

The workshop is facilitated as a Kaizen event, i.e. one week, full-time participation by the core team and Deployment Champions (as well as 'as-needed' participation by other subject matter experts (SME's), high-energy and with an eye towards making as many decisions as possible. A significant amount of pre-work and preparation is necessary for a successful event. The results of the event include a coordinated set of deployment decisions with high 'buy-in' from the broader organization. Further, the one-week event will usually accelerate the deployment decision making process by 3 months or more, pulling forward in time the launch of projects. It dramatically reduces the time to financial results, enabling the deployment to pay for itself much quicker.

It is not expected that 100% of deployment decisions are completed during the workshop, but about 50%-75% of the 'A' decisions will be thoroughly vetted. Various deployment elements requiring further study, action and approval will be completed post workshop. Specific deployment decisions are covered in the workshop. These include, but are not limited to, the following:

- Deployment Strategy

- Candidate Selection and Retention
- Financial Control
- Change and Communications
- Project Realization
- Training Coordination and Support
- Project Management and Deployment Tracking

The Workshop class size is generally 5 to 20 participants who are Core team, Deployment Champions, and Subject Matter Experts. It is 4 days in length and staffed with 2 instructors.

Project Identification & Selection Workshop

The Project ID and Selection workshop includes (1) providing participants with cycles of learning on applying the project identification and selection methodology in a tightly scoped and managed workshop environment, (2) identifying, screening/selecting, and scoping BB & GB projects for Lean Six Sigma training and deployment (including scheduling prioritization session), and (3) demonstrating the power of project selection methodology to site/unit management teams.

This workshop focuses on an analysis of the Voice of the Business, Voice of the Customer and Voice of the Process to identify project opportunities. The activities include:

- Pre-work distribution to onsite team and assessment attendees (as pre-work).
- Kick-off workshop with site tour for onsite team, and session with local leadership team for review of strategic agenda and establish areas of focus (value drivers).
- Quick review of site budget (benchmarks, gaps, goals).
- Conduct current state performance assessment of existing processes and products to identify improvement opportunities and projects.
- Identify gaps in performance based on budget benchmarks and/or analysis of shortfalls
- (Voice of the Business).
- Identify gaps in performance to internal and external customer requirements (Voice of the
- Customer).
- Conduct interviews in functional areas and organization levels to value stream map the macro processes, deep-dive into problem areas and/or integration points (Voice of the Process).
- Survey workforce and human resources for environmental, health, safety, morale, and similar issues (Voice of the Environmental/Health/Safety/Regulatory/Employee)
- Conduct benefit / effort screening of potential projects.
- Create project charters for identified projects - first drafts.
- Assign project charter completion to process owners (sponsors) and schedule prioritization session.
- Report-out session with top local leadership

One facilitator is supplied for the workshop. A process of a client co-facilitator has the added benefit of a train-the-trainer approach to client organization self-sustainability. Workshop size is 8 to 12 client participants, and the class work is conducted in 3 1/2 days and staffed with one instructor and one client facilitator. There is also 1 1/2 days of preparation done prior to the workshop.

4.2.3 Labor Categories and Rates (SIN 541611, formerly 874 1 and 874 6; SIN 611430, formerly 874 4)

4.2.3.1 Customer Facility

Labor Categories at Government Facility ("Customer Site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/17	7/12/18	4/10/19	7/12/19	7/12/20	7/12/21
	- 7/11/18	- 4/9/19	- 7/11/19	- 7/11/20	- 7/11/21	- 7/11/22
Business Functions Analyst 1	N/A	N/A	N/A	N/A	\$89.78	\$92.38
Business Functions Analyst 2	N/A	N/A	N/A	N/A	\$105.90	\$108.97
Business Functions Analyst 3	N/A	N/A	N/A	N/A	\$112.07	\$115.32
Business Functions Analyst 4	N/A	N/A	N/A	N/A	\$122.07	\$125.61
Business Functions Consultant 1	N/A	N/A	N/A	N/A	\$135.48	\$139.41
Business Functions Consultant 2	N/A	N/A	N/A	N/A	\$155.44	\$159.95
Business Functions Consultant 3	N/A	N/A	N/A	N/A	\$163.11	\$167.84
Business Functions Consultant 4	N/A	N/A	N/A	N/A	\$178.52	\$183.70
Business Functions Manager 1	N/A	N/A	N/A	N/A	\$192.90	\$198.49
Business Functions Manager 2	N/A	N/A	N/A	N/A	\$225.11	\$231.64
Business Functions Manager 3	N/A	N/A	N/A	N/A	\$228.26	\$234.88
Business Functions Manager 4	N/A	N/A	N/A	N/A	\$257.49	\$264.96
Business Functions Senior Manager 1	N/A	N/A	N/A	N/A	\$294.84	\$303.39
Business Functions Senior Manager 2	N/A	N/A	N/A	N/A	\$318.15	\$327.38
Business Functions Senior Manager 3	N/A	N/A	N/A	N/A	\$382.41	\$393.50
Business Functions Associate Partner 1	N/A	N/A	N/A	N/A	\$385.32	\$396.49
Business Functions Associate Partner 2	N/A	N/A	N/A	N/A	\$415.04	\$427.08
Business Functions Associate Partner 3	N/A	N/A	N/A	N/A	\$462.06	\$475.46
Business Functions Associate Partner 4	N/A	N/A	N/A	N/A	\$540.08	\$555.74
Business Functions Partner 1	N/A	N/A	N/A	N/A	\$485.95	\$500.04
Lean Six Sigma Black Belt	N/A	N/A	N/A	N/A	\$192.90	\$198.49
Lean Six Sigma Master Black Belt	N/A	N/A	N/A	N/A	\$318.15	\$327.38

*Note: Prices include the 0.75% Industrial Funding Fee (IFF).

*Note: SINs 541611 & 611430 were awarded on October 23, 2020. Rates valid from this date forward within Year 4.

4.2.3.2 Contractor Site

Labor Categories at Contractor Facility ("Contractor Site")	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/17	7/12/18	4/10/19	7/12/19	7/12/20	7/12/21
	-	-	-	-	-	-
	7/11/18	4/9/19	7/11/19	7/11/20	7/11/21	7/11/22
Business Functions Analyst 1	N/A	N/A	N/A	N/A	\$93.64	\$96.36
Business Functions Analyst 2	N/A	N/A	N/A	N/A	\$110.44	\$113.64
Business Functions Analyst 3	N/A	N/A	N/A	N/A	\$116.87	\$120.26
Business Functions Analyst 4	N/A	N/A	N/A	N/A	\$127.29	\$130.98
Business Functions Consultant 1	N/A	N/A	N/A	N/A	\$141.28	\$145.38
Business Functions Consultant 2	N/A	N/A	N/A	N/A	\$162.10	\$166.80
Business Functions Consultant 3	N/A	N/A	N/A	N/A	\$170.10	\$175.03
Business Functions Consultant 4	N/A	N/A	N/A	N/A	\$186.18	\$191.58
Business Functions Manager 1	N/A	N/A	N/A	N/A	\$201.18	\$207.01
Business Functions Manager 2	N/A	N/A	N/A	N/A	\$234.76	\$241.57
Business Functions Manager 3	N/A	N/A	N/A	N/A	\$238.06	\$244.96
Business Functions Manager 4	N/A	N/A	N/A	N/A	\$268.53	\$276.32
Business Functions Senior Manager 1	N/A	N/A	N/A	N/A	\$307.47	\$316.39
Business Functions Senior Manager 2	N/A	N/A	N/A	N/A	\$331.79	\$341.41
Business Functions Senior Manager 3	N/A	N/A	N/A	N/A	\$398.80	\$410.37
Business Functions Associate Partner 1	N/A	N/A	N/A	N/A	\$401.83	\$413.48
Business Functions Associate Partner 2	N/A	N/A	N/A	N/A	\$432.84	\$445.39
Business Functions Associate Partner 3	N/A	N/A	N/A	N/A	\$481.86	\$495.83
Business Functions Associate Partner 4	N/A	N/A	N/A	N/A	\$563.23	\$579.56
Business Functions Partner 1	N/A	N/A	N/A	N/A	\$506.79	\$521.49
Lean Six Sigma Black Belt	N/A	N/A	N/A	N/A	\$201.18	\$207.01
Lean Six Sigma Master Black Belt	N/A	N/A	N/A	N/A	\$331.79	\$341.41

*Note: Prices include the 0.75% Industrial Funding Fee (IFF).

*Note: SINs 541611 & 611430 were awarded on October 23, 2020. Rates valid from this date forward within Year 4.

4.2.3.3 Facilitation Courses (SIN 541611, formerly 874 1 and 874 6)

Services at BOTH Facilities (Customer & Contractor Sites)	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/17 -	7/12/18 -	4/10/19 -	7/12/19 -	7/12/20 - 7/11/21	7/12/21 - 7/11/22
	7/11/18	4/9/19	7/11/19	7/11/20		
Kaizen Workshop	N/A	N/A	N/A	N/A	\$30,663.00	\$31,552.23

**Note: Prices include the 0.75% Industrial Funding Fee (IFF).*
**Note: SINs 541611 was awarded on October 23, 2020. Rates valid from this date forward within Year 4.*

4.2.3.4 Training Courses (SIN 611430, formerly 874 4)

Services at BOTH Facilities (Customer & Contractor Sites)	Base Period					
	Year 1	Year 2		Year 3	Year 4	Year 5
	7/12/17 -	7/12/18 -	4/10/19 -	7/12/19 -	7/12/20 - 7/11/21	7/12/21 - 7/11/22
	7/11/18	4/9/19	7/11/19	7/11/20		
Design for Lean Six Sigma Black Belt (4 weeks)	N/A	N/A	N/A	N/A	\$81,768.00	\$84,139.27
Green Belt Training - Lean Six Sigma (2 weeks)	N/A	N/A	N/A	N/A	\$40,884.00	\$42,069.64
Kaizen Leadership Training	N/A	N/A	N/A	N/A	\$16,353.60	\$16,827.85
Lean Six Sigma Executive Training	N/A	N/A	N/A	N/A	\$8,176.80	\$8,413.93
Lean Six Sigma Executive (1-Day)	N/A	N/A	N/A	N/A	\$4,088.40	\$4,206.96
Lean Six Sigma Black Belt Course	N/A	N/A	N/A	N/A	\$102,210.00	\$105,174.09
Introduction to Lean Six Sigma	N/A	N/A	N/A	N/A	\$4,088.40	\$4,206.96
Lean Six Sigma Project Sponsor Training (3 days)	N/A	N/A	N/A	N/A	\$12,265.20	\$12,620.89
Lean Six Sigma Master Black Belt Training	N/A	N/A	N/A	N/A	\$76,356.00	\$78,570.32
Lean Six Sigma Deployment Planning Kaizen	N/A	N/A	N/A	N/A	\$20,361.60	\$20,952.09
Project Identification & Selection Workshop	N/A	N/A	N/A	N/A	\$25,452.00	\$26,190.11

**Note: Prices include the 0.75% Industrial Funding Fee (IFF).*
**Note: SINs 611430 was awarded on October 23, 2020. Rates valid from this date forward within Year 4.*

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