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

SCHEDULE TITLE: Multiple Award Schedule (MAS)

CONTRACT NUMBER: GS-35F-293DA

CONTRACT PERIOD: Apr 29, 2016 - Apr 28, 2026

For more information on ordering from Federal Supply go to this website: www.gsa.gov/schedules

CONTRACTOR: Attainx, Inc.
2000 Kraft Drive, Suite 1209
Blacksburg, VA 24060-6703
Phone number: 202-400-2259
Fax number: 703-890-2357
E-Mail: operations@attainx.com

CONTRACTOR’S ADMINISTRATION SOURCE: Sheryll A Manoj, President
2000 Kraft Drive, Suite 1209
Blacksburg, VA 24060-6703
Phone number: 202-400-2259
Fax number: 703-890-2357
E-Mail: operations@attainx.com

BUSINESS SIZE: 8(a) Woman Owned Small Business (WOSB)/ Economically Disadvantaged WOSB

CUSTOMER INFORMATION:

1a. TABLE OF AWARDED MAS CATEGORIES/ SIN(s)

<table>
<thead>
<tr>
<th>SIN(s)</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>54151S</td>
<td>INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES</td>
</tr>
<tr>
<td>54151HEALTH</td>
<td>HEALTH IT SERVICES</td>
</tr>
<tr>
<td>54151HACS</td>
<td>HIGHLY ADAPTIVE CYBERSECURITY SERVICES (HACS)</td>
</tr>
<tr>
<td>OLM</td>
<td>ORDER-LEVEL MATERIALS (OLMS)</td>
</tr>
</tbody>
</table>

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

To be completed by contractor on text file submission
c. **HOURLY RATES (Services only):**

SIN(s) 54151S, 54151HEALTH and 54151HACS

Proposed Labor Category APPROVED GSA PRICING

### 54151S IT Professional Services

<table>
<thead>
<tr>
<th>Role</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business and Systems Analyst</td>
<td>$112.39</td>
</tr>
<tr>
<td>IT Security Specialist</td>
<td>$107.51</td>
</tr>
<tr>
<td>IT Support / Helpdesk Specialist</td>
<td>$52.78</td>
</tr>
<tr>
<td>Project Manager</td>
<td>$127.05</td>
</tr>
<tr>
<td>QA Specialist</td>
<td>$78.19</td>
</tr>
<tr>
<td>Senior Consultant</td>
<td>$290.18</td>
</tr>
<tr>
<td>Software and Database Developer</td>
<td>$112.39</td>
</tr>
<tr>
<td>Systems, Network and Database Admin</td>
<td>$102.62</td>
</tr>
<tr>
<td>Technical Project Manager</td>
<td>$135.17</td>
</tr>
<tr>
<td>Software and Database Developer – Senior</td>
<td>$146.73</td>
</tr>
<tr>
<td>Software and Database Developer – Mid</td>
<td>$127.27</td>
</tr>
<tr>
<td>Configuration Management Specialist</td>
<td>$102.93</td>
</tr>
<tr>
<td>Test Engineer</td>
<td>$105.29</td>
</tr>
</tbody>
</table>

### 54151HEALTH Health IT

<table>
<thead>
<tr>
<th>Role</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health IT Business and Systems Analyst</td>
<td>$112.39</td>
</tr>
<tr>
<td>Health IT Security Specialist</td>
<td>$107.51</td>
</tr>
<tr>
<td>Health IT Support / Helpdesk Specialist</td>
<td>$52.78</td>
</tr>
<tr>
<td>Health IT Project Manager</td>
<td>$127.05</td>
</tr>
<tr>
<td>Health IT QA Specialist</td>
<td>$78.19</td>
</tr>
<tr>
<td>Health IT Senior Consultant</td>
<td>$290.18</td>
</tr>
<tr>
<td>Health IT Software and Database Developer</td>
<td>$112.39</td>
</tr>
<tr>
<td>Health IT Systems, Network and Database Admin</td>
<td>$102.62</td>
</tr>
</tbody>
</table>

### 54151HACS HACS SIN

<table>
<thead>
<tr>
<th>Role</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Penetration Testing</td>
<td>$107.51</td>
</tr>
<tr>
<td>Incident Response Analyst</td>
<td>$112.39</td>
</tr>
<tr>
<td>Forensics Analyst</td>
<td>$136.83</td>
</tr>
<tr>
<td>Cyber Program/Project Manager</td>
<td>$127.05</td>
</tr>
<tr>
<td>Cyber Security Engineer</td>
<td>$144.64</td>
</tr>
<tr>
<td>Vulnerability Security Analyst</td>
<td>$102.62</td>
</tr>
</tbody>
</table>

2. **MAXIMUM ORDER**: $500,000

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

3. **MINIMUM ORDER**: $100

4. **GEOGRAPHIC COVERAGE**: Domestic
5. **POINT(S) OF PRODUCTION**: N/A

6. **DISCOUNT FROM LIST PRICES**: GSA Net Prices are shown on the attached GSA Pricelist. Negotiated discount has been applied and the IFF has been added.

7. **QUANTITY DISCOUNT(S)**: None

8. **PROMPT PAYMENT TERMS**: 0% Net 30

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

9.b Government Purchase Cards are accepted above the micro-purchase threshold. Contact contractor for limit.

10. **FOREIGN ITEMS**: None

11a. **TIME OF DELIVERY**: As per the RFQ requirement

11b. **EXPEDITED DELIVERY**: Items available for expedited delivery are noted in this price list.

11c. **OVERNIGHT AND 2-DAY DELIVERY**: Overnight and 2-day delivery are available. Contact the Contractor for rates.

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

12. **FOB POINT**: Destination

13a. **ORDERING ADDRESS**: 2000 Kraft Drive, Suite 1209, Blacksburg, VA 24060-6703

13b. **ORDERING PROCEDURES**: Ordering activities shall use the ordering procedures described in Federal Acquisition Regulation 8.405-3 when placing an order or establishing a BPA for supplies or services. The ordering procedures, information on Blanket Purchase Agreements (BPA’s) and a sample BPA can be found at the GSA/FSS Schedule Homepage (fss.gsa.gov/schedules).

14. **PAYMENT ADDRESS**: 2000 Kraft Drive, Suite 1209, Blacksburg, VA 24060-6703

15. **WARRANTY PROVISION**: N/A

16. **EXPORT PACKING CHARGES**: N/A

17. **TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE**: (any thresholds above the micropurchase level may be inserted by contractor)

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 AVAILABLE)**: 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. **Section 508 Compliance for Electronic and Information Technology (EIT):** N/A

25. **DUNS NUMBER:** 015189916

26. **NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE:** Contractor has an Active Registration in the SAM database.

**SIN 54151S Labor Category Descriptions**

For all of the below labor categories listed below, AttainX will accept:
- 2 year of work experience in lieu of High School Diploma
- 4 year of work experience in lieu of a Bachelor’s Degree
- 6 year of work experience in lieu of Master Degree

1. **Business and Systems Analyst**

   **Minimum/General Experience:** At least three years of related hands-on experience with the specific application, domain, software or other requirements specified by an actual Statement of Work or Statement of Need.

   **Functional Responsibility:** Provide business and functional knowledge in a specific domain or software with general knowledge of other domains. Provides strategic guidance and influences program direction. Recommends large scale information system solutions, and assists with business integration across organizational levels. Provides program-level guidance within area of expertise and recommends domain-specific solutions and policies. Evaluates various business models including cost-benefit analysis and return on investment (ROI).

   **Minimum Education:** A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.

2. **IT Security Specialist**

   **Minimum/General Experience:** At least three years of experience in IT infrastructure, information security technology, policy and procedure development.

   **Functional Responsibility:** Analyzes and defines complex information security, automated information security (AIS), and/or computer security requirements. Designs, develops, engineers, and implements security solutions. Gathers and organizes technical information about an organization’s mission, goals, and needs; existing security products; and ongoing programs. Develops, analyzes, and implements security architecture(s) as appropriate. Performs risk analysis and security audit services, develops analytical reports as required. May be required to perform in one or more of the following areas: AIS risk assessment methods and procedures; security of system software generation; security of computer hardware; operating system utility/support software; disaster recovery and contingency planning; telecommunications security; development of AIS security policies and procedures.

   **Minimum Education:** A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.
3. IT Support/Helpdesk Specialist

**Minimum/General Experience:** At least three years of related hands-on experience with the specific equipment, software or other requirements specified by an actual Statement of Work or Statement of Need

**Functional Responsibility:** Provides remote support to users for network and desktop hardware and software problems. Takes calls from users, diagnoses problems, recommends and/or implements solutions, and provides follow-up. Has experience and understanding of MIS environment. Typically involves use of problem management database and help desk systems.

**Minimum Education:** High School Diploma or equivalent experience and training

4. Project Manager

**Minimum/General Experience:** At least five year experience with three year experience as a Project Manager.

**Functional Responsibility:** Manages multiple IT projects or single project involving Application development, IT infrastructure support, Datacenter support, Network support and emerging technologies such as cloud computing, virtualization, VDI and more. Manage people and processes to support the tasks required. Responsible for project plan, schedule, deliverables, risk management and staffing. Ensures quality of deliverables. Interact with customer to gather requirements and act as liaison between project team and customer. Organizes, directs, and coordinates planning and production of all project activities. Responsible for formulating and enforcing work standards, assigning contractor schedules, reviewing work discrepancies, supervising contractor personnel, and communicating policies, purposes, and goals of the organization to subordinate personnel. Responsible for overall project performance.

**Minimum Education:** A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business or other related scientific or technical discipline

5. Quality Assurance Specialist

**Minimum/General Experience:** At least three years in QA areas such as configuration management, verification and validation, software testing and integration, software metrics and software quality assessment.

**Functional Responsibility:** Develops, implements, and maintains quality assurance/configuration management programs in support of a variety of software, hardware, and services. Establish standards for life cycle, documentation, development methods, testing, and maintenance. Develops and defines major and minor characteristics of quality/configuration management (including metrics and scoring parameters) and determines requisite quality control/configuration management resources for an actual task order. Perform all testing functions including creating test cases, test plans, system testing, regression testing, performance testing and support UAT. Conducts or participates in formal and informal reviews at predetermined points throughout the system life cycle. Serve as liaison between Project Management and other functional groups to resolve issues regarding quality /configuration management. Reviews and evaluates software products and services for adherence to government directives, standards, and guidelines. May provide task direction and guidance to less experienced team members

**Minimum Education:** A Bachelor’s degree in Computer Science, Information Systems, and Engineering, Business or other related scientific or technical discipline.

6. Senior Consultant

**Minimum/General Experience:** Eight years of experience and possesses unique experience, skills, and expert knowledge in highly specialized technical, functional, and/or process areas across technical/ engineering disciplines.
**Functional Responsibilities:** Provides leadership and guidance for engineering of systems, system elements, interfacing systems, components, cloud-based technologies, devices and/or processes. Applies best industry practices and standards, leading-edge technology, and innovative solutions to intractable problems. Works directly with customer management to apply advanced principles, theories, and concepts and develops comprehensive solutions to complex problems. Defines key concepts for planning, deployment, integration, operation and/or enhancement of state-of-the-art and/or legacy systems. Employs methodologies for guiding others in problem resolution. Develops insightful solutions to meet fiscal, technological and schedule constraints.

**Minimum Education:** A Bachelor's degree from an accredited college or university in education, training or related field of study.

### 7. Software and Database Developer

**Minimum/General Experience:** At least three years of experience in developing Software or Database programming.

**Functional Responsibility:** Develop software and database specifications and requirements. Contribute to the definition, analysis, design, development and testing of software. Support application programming involving database access including SQLServer, Oracle, etc or knowledge or real-time application development. Supervise and provide technical leadership and mentoring in a number of software development techniques and skills. Interface with customers to identify software and database requirements.

**Minimum Education:** A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

### 8. Systems, Network and Database Administrator

**Minimum/General Experience:** At least three years of experience in IT system, network and/or database administration, configuration, architecture, design and maintenance.

**Functional Responsibility:** Installs, maintains, and coordinates the customer's systems, servers, storage, databases, cloud computing technologies and network. Evaluate hardware and software, including peripheral, output, and telecommunications equipment. Install, configure and maintain operating systems like Windows, Linux, UNIX, mainframe, Storage Area Network (SAN), databases and network devices. Install, configure and maintain network equipment’s including CISCO, Nortel and Big 5. Enforces security procedures, installs network, database, software, and manages performance. Troubleshoots and resolves problems. Implements and coordinates policies, procedures, and standards.

**Minimum Education:** A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

### 9. Technical Project Manager

**Minimum/General Experience:** At least Five years in project/ portfolio management of multiple software development or IT infrastructure related projects.

**Functional Responsibility:** Manages mid-size and small programs involving multiple projects in software development, IT modernization, cloud computing, Infrastructure support or other IT services. Organizes, directs and coordinates planning and production of all contract support activities. Act as liaison with client PMO in understanding IT requirements and developing project plans to execute the project. Demonstrate communications skills at all levels of management. Responsible for formulating and enforcing work standards, assigning schedules, reviewing work discrepancies, supervising contractor personnel, and communicating policies, purposes, and goals of the organization to subordinate personnel. Responsible for overall contract performance. Under stringent time frames, assembles and recruits as necessary to perform assigned tasks.

**Minimum Education:** A Bachelor’s degree in Computer Science, Information Systems, and Engineering, Business or other related scientific or technical discipline.
10. Software and Database Developer - Senior

Minimum/General Experience: At least Eight years of experience in developing Software or Database programming.

Functional Responsibility: Develop software and database specifications and requirements. Contribute to the definition, analysis, design, development and testing of software. Support application programming involving technologies such as .NET, Java, J2EE, SQLServer, Oracle, etc or knowledge or real-time application development. Supervise and provide technical leadership and mentoring in a number of software development techniques and skills. Interface with customers to identify software and database requirements.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline

11. Software and Database Developer - Mid

Minimum/General Experience: At least Five years of experience in developing Software or Database programming.

Functional Responsibility: Develop software and database specifications and requirements. Contribute to the definition, analysis, design, development and testing of software. Support application programming involving technologies such as .NET, Java, J2EE, SQLServer, Oracle, etc or knowledge or real-time application development. Supervise and provide technical leadership and mentoring in a number of software development techniques and skills. Interface with customers to identify software and database requirements.

Minimum Education: A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline

12. Configuration Management Specialist

Minimum/General Experience: At least three years in configuration management

Functional Responsibility: Develops, implements, and maintains quality assurance/configuration management programs in support of a variety of software, hardware, and services. Establish standards for life cycle, documentation, development methods, testing, and maintenance. Develops and defines major and minor characteristics of quality/configuration management (including metrics and scoring parameters) and determines requisite quality control/configuration management resources for an actual task order. Conducts or participates in formal and informal reviews at predetermined points throughout the system life cycle. Serve as liaison between Program Management and other functional groups to resolve issues regarding quality assurance/configuration management. Reviews and evaluates software products and services for adherence to government directives, standards, and guidelines. May provide task direction and guidance to less experienced team members. Supports configuration management planning. Describes provisions for configuration identification, change control, configuration status accounting and configuration audits. Identifies and maintains the original configuration of requirements documentation, design documentation, and related documentation. Responsible for configuration change control. Supports the change process so that only approved and validated changes are incorporated into product documents and related software. Expert knowledge in the particular field of specialization. Accomplishes data gathering and analysis in assigned area of responsibility under minimal supervision.

Minimum Education: A Bachelor’s degree in Computer Science, Information Systems, and Engineering, Business or other related scientific or technical discipline

13. Test Engineer

Minimum/General Experience: At least three years in testing applications in support of software or infrastructure programs

Functional Responsibility: Analysis and study of complex software requirements. Provide test activities and status, and assist in the development all test plans and test cases. Identifies, tracks and reports all defects
discovered during system test, and works senior tester personnel and programmers to correct and implement system changes. Ensures the effective configuration management of software systems and applications.

**Minimum Education:** A Bachelor's degree in Computer Science, Information Systems, and Engineering, Business or other related scientific or technical discipline

**SIN 54151HEALTH Labor Category Descriptions**

For all of the below labor categories listed below, AttainX will accept:

- 2 year of work experience in lieu of High School Diploma
- 4 year of work experience in lieu of a Bachelors Degree
- 6 year of work experience in lieu of Master Degree

1. **Health IT Business and Systems Analyst**

**Minimum/General Experience:** At least three years of related hands-on experience with the specific application, domain, software or other requirements specified by an actual Statement of Work or Statement of Need.

**Functional Responsibility:** Provide public health expertise in business process and system analysis, design, improvement, and implementation efforts and in translating business process needs into technical requirements. Provide health specific requirements expertise in change management and training support. Provide business and functional knowledge in a specific domain or software with general knowledge of other domains. Provides strategic guidance and influences program direction. Recommends large scale information system solutions, and assists with business integration across organizational levels. Provides program-level guidance within area of expertise and recommends domain-specific solutions and policies. Evaluates various business models including cost-benefit analysis and return on investment (ROI).

**Minimum Education:** A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, Health or other related discipline.

2. **Health IT Security Specialist**

**Minimum/General Experience:** At least three years of experience in IT infrastructure, information security technology, policy and procedure development.

**Functional Responsibility:** Analyzes and defines complex health information security, automated information security (AIS), and/or computer security requirements. Designs, develops, engineers, and implements security solutions specific to health IT services. Gathers and organizes technical information about an organization’s mission, goals, and needs; existing security products; and ongoing programs. Develops, analyzes, and implements security architecture(s) as appropriate. Performs risk analysis and security audit services, develops analytical reports as required. May be required to perform in one or more of the following areas: AIS risk assessment methods and procedures; security of system software generation; security of computer hardware; operating system utility/support software; disaster recovery and contingency planning; telecommunications security; development of AIS security policies and procedures.

**Minimum Education:** A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, Health or other related discipline.

3. **Health IT Support/Helpdesk Specialist**

**Minimum/General Experience:** At least three years of related hands-on experience with the specific equipment, software or other requirements specified by an actual Statement of Work or Statement of Need.
**Functional Responsibility:** Provides remote support to users for network and desktop hardware and software problems in health care environments. Takes calls from users, diagnoses problems, recommends and/or implements solutions, and provides follow-up. Has experience and understanding of Health IT MIS environment. Typically involves use of problem management database and help desk systems.

**Minimum Education:** High School Diploma or equivalent experience and training

4. **Health IT Project Manager**

**Minimum/General Experience:** At least five year experience with three year experience as a Project Manager.

**Functional Responsibility:** Manages multiple health IT projects or single project involving Application development, IT infrastructure support, Datacenter support, Network support and emerging technologies such as cloud computing, virtualization, VDI and more. Manage people and processes to support the tasks required in health care environments. Responsible for project plan, schedule, deliverables, risk management and staffing. Ensures quality of deliverables. Interact with customer to gather requirements and act as liaison between project team and customer. Organizes, directs, and coordinates planning and production of all project activities. Responsible for formulating and enforcing work standards, assigning contractor schedules, reviewing work discrepancies, supervising contractor personnel, and communicating policies, purposes, and goals of the organization to subordinate personnel. Responsible for overall project performance.

**Minimum Education:** A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, Health or other related discipline.

5. **Health IT Quality Assurance Specialist**

**Minimum/General Experience:** At least three years in QA areas such as configuration management, verification and validation, software testing and integration, software metrics and software quality assessment.

**Functional Responsibility:** Provide technical and administrative direction for personnel performing Health IT software development tasks for healthcare applications, including the review of work products for correctness, adherence to the design concept and to user standards, review of program documentation to assure government standards/requirements are adhered to, and for progress in accordance with schedules. Develops, implements, and maintains quality assurance/configuration management programs in support of a variety of health software, hardware, and services. Establish standards for life cycle, documentation, development methods, testing, and maintenance. Develops and defines major and minor characteristics of quality/configuration management (including metrics and scoring parameters) and determines requisite quality control/configuration management resources for an actual task order. Perform all testing functions including creating test cases, test plans, system testing, regression testing, performance testing and support UAT. Conducts or participates in formal and informal reviews at predetermined points throughout the system life cycle. Serve as liaison between Project Management and other functional groups to resolve issues regarding quality/configuration management. Reviews and evaluates software products and services for adherence to government directives, standards, and guidelines. May provide task direction and guidance to less experienced team members.

**Minimum Education:** A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, Health or other related discipline.
6. Health IT Senior Consultant

Minimum/General Experience: Eight years of experience and possesses unique experience, skills, and expert knowledge in highly specialized technical, functional, and/or process areas across technical/engineering disciplines.

Functional Responsibilities: Provides leadership and guidance for engineering of systems, system elements, interfacing systems, components, cloud-based technologies, devices and/or processes. Provide expertise in healthcare policies and standards, technical knowledge of health IT applications and analysis of highly specialized healthcare applications and operational environments, high-level functional systems analysis, design, integration, documentation and implementation advice on moderately complex problems that require an appropriate level of knowledge of the subject matter for effective implementation. Apply health related principles, methods and knowledge of the functional area of capability to specific task order requirements, advanced mathematical principles and methods to exceptionally difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions. Applies best industry practices and standards, leading-edge technology, and innovative solutions to intractable problems. Works directly with customer management to apply advanced principles, theories, and concepts and develops comprehensive solutions to complex problems. Defines key concepts for planning, deployment, integration, operation and/or enhancement of state-of-the-art and/or legacy systems. Employs methodologies for guiding others in problem resolution. Develops insightful solutions to meet fiscal, technological and schedule constraints.

Minimum Education: A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, Health or other related discipline.

7. Health IT Software and Database Developer

Minimum/General Experience: At least three years of experience in developing Software or Database programming.

Functional Responsibility: Analyze functional health related applications and design specifications for functional areas such as medical records, diagnostic imaging services, laboratory services, logistics, and contracts. Develop block diagrams and logic flow charts. Translate detailed design into computer software. Test, debug, and refine the computer software to produce the required product. Prepare required documentation, including both program-level and user-level documentation. Enhance health related software to reduce operating time or improve efficiency. Provide technical direction to programmers to ensure program deadlines are met. Develop software and database specifications and requirements. Contribute to the definition, analysis, design, development and testing of software. Support application programming involving database access including SQLServer, Oracle, etc or knowledge or real-time application development. Supervise and provide technical leadership and mentoring in a number of software development techniques and skills. Interface with customers to identify software and database requirements.

Minimum Education: A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, Health or other related discipline.

8. Health IT Systems, Network and Database Administrator

Minimum/General Experience: At least three years of experience in IT system, network and/or database administration, configuration, architecture, design and maintenance.

Functional Responsibility: Installs, maintains, and coordinates the customer’s systems, servers, storage, databases, cloud computing technologies and network in health environments. Analyze healthcare systems/network/database requirements of assigned projects. Analyze and determine information needs and elements, relationships and attributes, proposed manipulation, data flow and storage requirements, and data output and reporting capabilities. Apply knowledge of healthcare management systems to coordinate maintenance and changes to systems/network/databases. Evaluate hardware and software, including peripheral, output, and telecommunications equipment. Install, configure and maintain operating systems like Windows, Linux, UNIX, mainframe, Storage Area Network (SAN), databases and network devices. Install,
configure and maintain network equipment’s including CISCO, Nortel and Big 5. Enforces security procedures, installs network, database, software, and manages performance. Troubleshoots and resolves problems. Implements and coordinates policies, procedures, and standards.

Minimum Education: A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, Health or other related discipline.

SIN 54151HACS Labor Category Descriptions

For all of the below labor categories listed below, AttainX will accept:
- 2 year of work experience in lieu of High School Diploma
- 4 year of work experience in lieu of a Bachelors Degree
- 6 year of work experience in lieu of Master Degree

Penetration Tester

Minimum/General Experience: At least three years of experience

Functional Responsibility: Conducts penetration testing to identify security vulnerabilities in network, web application, application and code. Working knowledge with commercial and open source tools and experience with multiple programming languages. Experience with hardware-based and software security exploits and experience with reverse engineering and assembly language. Experience supporting Red Teams and Blue Teams. Possesses proficient knowledge of multiple operating systems and hacking techniques. Demonstrate understanding of the penetration testing methodology laid out by the following standards PTES, OSSTMM, NIST, OWASP etc. Proficient in multiple offensive tools/technologies to include: Metasploit, Cobalt Strike, Core Impact, Burp Suite, SDR, Wireless, Intercepting Proxies, etc.

Minimum Education: A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Incident Response Analyst

Minimum/General Experience: At least three years of experience

Functional Responsibility: Performs real-time proactive security monitoring and reporting on various security enforcement systems, such as SIEM, Anti-virus, Internet content filtering/reporting, malware prevention, Firewalls, IDS & IPS, Web security, antispam, etc. Recognizes potential, successful, and unsuccessful intrusion attempts and compromises thorough reviews and analyses of relevant event detail and summary information. Contributes to generating response to crisis or urgent situations to mitigate immediate or potential threats. Provides oversight of 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.

Minimum Education: A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Forensics Analyst

Minimum/General Experience: At least three years of experience

Functional Responsibility: Plan and investigate cyber incidents including establishing cyber incident cases: Set up a response plan with procedures. Conducts forensic acquisition and analysis of cyber security incidents. Conduct advanced threat hunt operations using known adversary tactics, techniques and
procedures as well as indicators of attack in order to detect adversaries with persistent access to the enterprise. Create and add custom signatures, to mitigate highly dynamic threats to the enterprise using the latest threat information obtained from multiple sources. Correlate data from intrusion detection and prevention systems with data from other sources such as firewall, web server, and DNS logs. Provide recommendations on cyber risks and enable the business to operate in a secure manner.

Minimum Education: A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Cyber Program/Project Manager

Minimum/General Experience: At least five years of experience

Functional Responsibility: Provide project management for all aspects of the cyber security project, leading a team on projects or a significant segment of large and complex projects. Analyze new and complex project-related problems and create innovative solutions that normally involve the schedule, technology, methodology, tools, solution components, and financial management of the project. Conduct and oversee staff performance assessments and address personnel issues as they arise. Enhance project processes and develop new processes working in close conjunction with established team leads, the client, and relevant stakeholders. In-depth knowledge in enterprise security strategies and plans, and Federal standards and guidelines to manage agency-wide information and information asset related risks, threats, and vulnerabilities. Experience of system(s) functions, security policies, technical security safeguards, and operational security measures is preferred. Daily responsibilities include client interaction, customer support and resolving common issues such as ensuring customer concerns related to Cybersecurity matters are resolved. Responsibilities include overseeing project team and overall contract, providing written proposals for additional client requirements, ensures all project tasks are completed according to the specified time frame and budget.

Minimum Education: A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Cyber Security Engineer

Minimum/General Experience: At least three years of experience

Functional Responsibility: Applies processes and methodologies to keep information confidential and available, and maintains its integrity through access control, protection of information in transit or in a storage area, detection and remediation of security breaches, remediation of Plan of Action and Milestones (POAMs), as well as documenting and informing security services personnel of such events. Participates in developing solutions using specific technologies/solutions, and/or researches/develops new technologies in the cyber security arena. Provides technical and engineering services for the support of integrated systems and solutions. Ensures system security needs established and maintained for operations development, security requirements definition, security risk assessment, systems analysis, systems design, security test and evaluation, certification and accreditation, systems hardening, vulnerability testing and scanning, incident response, disaster recovery, and business continuity planning and provides analytical support for security policy development and analysis.

Minimum Education: A Bachelor’s degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.

Vulnerability/Security Analyst

Minimum/General Experience: At least three years of experience

Functional Responsibility: Performs periodic vulnerability scanning, web application scanning, and code scanning. Responsible for coordinating audit requests on behalf of a large scale IT development team, and coordinating all FISMA assessment activities. Identifies remediation plans for known system vulnerabilities, tracks, prioritizes and monitors closure of vulnerabilities and POA&Ms. Ensures the integrity and protection of networks, systems, and applications by technical enforcement of organizational security policies, through monitoring of vulnerability scanning devices. Performs periodic and on-demand system audits and vulnerability
assessments, including user accounts, application access, file system and external Web integrity scans to determine compliance

**Minimum Education:** A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline.