

**GENERAL SERVICES ADMINISTRATION  
FEDERAL SUPPLY SERVICE  
AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST**

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

**Multiple Award Schedule  
Federal Supply Group: Information Technology  
Contract Number: GS-35F-280DA**

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

**CONTRACT PERIOD:** April 22, 2021 through April 21, 2026

**Contractor:** MedicaSoft, LLC  
2300 Wilson Blvd. Suite 310  
Arlington, VA 22201  
Telephone: 978-224-5493 (telephone)  
Website: [www.medicasoft.us](http://www.medicasoft.us)  
E-mail: Mike.oneill@medicasoftllc.com  
Contract Administration: Michael O'Neill

**BUSINESS SIZE:** Small

**Pricelist current as of Modification #PO-0014 effective, April 22, 2021**

**CONTRACTOR INFORMATION**

1a. **TABLE OF AWARDED SPECIAL ITEM NUMBER(s) with appropriate cross-references to page numbers:**

<b>SIN</b>	<b>Recovery</b>	<b>SIN Description</b>
511210	511210-RC	Software Licenses
54151S	54151S-RC	Information Technology Professional Services
OLM	OLM-RC	Order Level Materials
54151HEAL	54151HEAL-RC	Health Information Technology Services

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.**

**LOWEST PRICED MODEL NUMBER AND PRICE FOR EACH SIN:**

511210	DSM-0010	Direct Secure Messaging HISP Services	Monthly Fee	\$10,122.32
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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 Section 28, below.**

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

3. **MINIMUM ORDER:** \$100

4. **GEOGRAPHIC COVERAGE (delivery area):** Domestic

5. **POINT(S) OF PRODUCTION (city, county, and state or foreign country):** Arlington, VA

6. **DISCOUNT FROM list prices or statemen of net price:** The GSA Net Prices published on the GSA Advantage website reflect the fully burdened price. The negotiated discount has been applied and the Industrial Funding Fee has been added.

7. **QUANTITY DISCOUNT:** None

8. **PROMPT PAYMENT TERMS:** Net 30 Days. Note: Prompt payment terms must be followed by the statement "Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions."

9. **FOREIGN ITEMS (list items by country of origin):** None

10a. **TIME OF DELIVERY (Contractor insert number of days):**

Negotiated at the Task Order Level with the Ordering Activity.

10b. **EXPEDITED DELIVERY** The Contractor will insert the sentence "Items available for expedited delivery are noted in this price list." under this heading. The Contractor may use a symbol of its choosing to highlight items in its price list that have expedited delivery:

Please contact the Contractor for availability and rates.

10c. **OVERNIGHT AND 2-DAY DELIVERY:** The Contractor will indicate whether overnight and 2-day delivery are available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery

Please contact the Contractor for availability and rates.

10d. **URGENT REQUIREMENTS:** The Contractor will note in its price list the "Urgent Requirements" clause of its contract and advise agencies that they can also contact the Contractor's representative to effect a faster delivery:

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.

11. **FOB POINT(s):** Destination

12a. **ORDERING ADDRESS(es):**

Michael O'Neill  
Medicasoft, LLC  
2300 Wilson Blvd. Suite 310  
Arlington, VA 22201  
978-224-5493 (telephone)  
Mike.oneill@medicasoftllc.com  
www.medicasoft.us

12b. **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.**

**13. PAYMENT ADDRESS(es):**

Michael O'Neill  
Medicasoft, LLC  
2300 Wilson Blvd. Suite 310  
Arlington, VA 22201  
978-224-5493 (telephone)  
Mike.oneill@medicasoftllc.com  
www.medicasoft.us

**14. WARRANTY PROVISION:** Delivered, As Negotiated

**15. EXPORT PACKING CHARGES:** Not Applicable

**16. TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE):**

Not Applicable

**17. TERMS AND CONDITIONS OF INSTALLATION:** Not Applicable

**18a. TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF APPLICABLE):**

Not Applicable

**18b. TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE)::**

Not Applicable

**19. LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE):** Not Applicable

**20. LIST OF PARTICIPATING DEALERS (IF APPLICABLE):** None

**21. PREVENTIVE MAINTENANCE (IF APPLICABLE):** None

**22a. SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g. recycled content, energy efficiency, and/or reduced pollutants):**

None

- 22b. 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/](http://www.Section508.gov/).**

Not Applicable

- 23. DATA UNIVERSAL NUMBER SYSTEM (DUNS) NUMBER: 361261915**
- 24. NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE: Registered**

## LABOR CATEGORY DESCRIPTIONS

### Head Trainer

**Minimum/General Experience:**

Eight (8) years' experience delivering and preparing training materials for enterprise IT systems.

**Functional Responsibilities:**

Lead the development and delivery of training for enterprise IT systems in person, online, through video teleconference, and via written material. Design and author structured lesson plans and formal training programs. Work with product, clinical, and technical experts to develop training content. Provide direction to training teams.

**Minimum Education:**

Bachelor's Degree in relevant field.

### Product Trainer

**Minimum/General Experience:**

Three (3) years' experience preparing or delivering marketing and/or training materials for enterprise IT applications.

**Functional Responsibilities:**

Provide IT application and business-related training in person, online, through video teleconference, and via written material. Develop structured lesson plans and formal training programs. Work with product, clinical, and technical experts to develop product training content.

**Minimum Education:**

Bachelor's Degree in in relevant field.

### Technical Writer

**Minimum/General Experience:**

Three (3) years' experience in writing, editing, and preparing technical and business documents on schedule and budget.

**Functional Responsibilities:**

Responsible for document design, development, and preparation throughout the production cycle. May include: technical writing/editing, proposal development, editorial consultation, copy design/editing, proofreading, or overall documentation review. Works with management, technical personnel, and subject matter experts to define document content, guidelines, specifications, and development schedules. Prepares required documentation in an appropriate format. Adheres to required configuration management or quality assurance standards. Ensures that documents follow the appropriate style guide. May be responsible for any activity in the production cycle through document delivery and maintenance. Coordinates or supervises resources during the production cycle.

**Minimum Education:**

Bachelor's Degree in relevant field.

## Business Process Analyst

### **Minimum/General Experience:**

Eight (8) years' experience delivering analysis, design, and improvements to successful business process implementations.

### **Functional Responsibilities:**

Must have experience in the analysis of IT business and information environment, activities, and events. Must have experience in finding trends, errors, and reviewing data with report writing skills. Provide expertise in business process and **system analysis, design, improvement, and implementation efforts** and in translating business process needs into technical requirements. Provide expertise in change management and training support. Provide organizational and strategic planning for a wide variety of technical and functional environments. Provide expertise in, but not limited to, Configuration Management, **Strategic Planning**, Knowledge Management, Business Analysis and Technical Analysis in order to work out production issues.

### **Minimum Education:**

Bachelor's Degree in relevant field.

## Business Process Expert

### **Minimum/General Experience:**

Twelve (12) years' experience successfully delivering analysis, design, and improvements to significant business systems implementations including leadership roles in successful implementations.

### **Functional Responsibilities:**

Assess the operational and functional baseline of an organization and its organizational components and define the direction and strategy for an engagement while ensuring the organizational needs are being addressed. Must have deep knowledge of data analysis, trend finding, patterns, and be able to identify risks and offer solutions for improving overall agency performance. Analyze IT business and information environments, activities, and events. Apply deep expertise with data analysis and industry best practices to customer systems and process challenges and opportunities, create conceptual business models, and translate models to technical requirements. Lead system and process design and re-engineering programs. Drive IT strategies supporting the implementation and execution of complex processes and operations.

### **Minimum Education:**

Master's Degree in in relevant field.

## Development Manager

### **Minimum/General Experience:**

Ten (10) years' experience delivering high quality projects on schedule and budget.

### **Functional Responsibilities:**

The Development Manager must have experience creating work breakdown structures and development of program schedules and assigning software development team personnel to tasks. Must have experience in tracking resources and expenditures and in ensuring program success. Lead teams in the design, implementation, and deployment of IT systems and software. Apply extensive knowledge of planning, scheduling, and resource management to ensure project delivery. Identify all

activities required in the near, mid, and long term project phases and incorporate them into effective project execution. Create cost, schedule, and performance estimates based on input from stakeholders and team members.

**Minimum Education:**

Bachelor's Degree in relevant field.

**Software Engineer**

**Minimum/General Experience:**

Three (3) years' experience designing, developing, testing, debugging, and documenting software.

**Functional Responsibilities:**

Develops computer software within a project framework. Also participates in the design, testing, debugging, and documentation of software. Provides input to project planning, including schedule and performance estimates. Assists in the deployment of software in development and production environments. A Software Engineer has experience in developing computer software code. Should have experience in a variety of software programming languages. Should have experience in a variety of business systems and applications.

**Minimum Education:**

Bachelor's Degree in relevant field.

**Senior Software Engineer**

**Minimum/General Experience:**

Ten (10) years' experience designing, developing, testing, debugging, deploying, and documenting software.

**Functional Responsibilities:**

A Senior Software Engineer has extensive experience and knowledge to design, code, test, debug, and document software in a variety of programming languages. Has the knowledge of the latest programming languages and techniques. Has extensive experience in creating strategies for developing IT systems and applications. Develops computer software and leads provides technical leadership to software development projects. Establish software architectures and software system designs. Performs project planning, including schedule and performance plans. Identifies appropriate software and systems standards and incorporate into project designs. Evaluates alternatives and selects optimal approaches.

**Minimum Education:**

Bachelor's Degree in relevant field.

**Senior Software/System Architect**

**Minimum/General Experience:**

Ten (10) years' experience designing and implementing successful software systems.

**Functional Responsibilities:**

A Senior Software/System Architect must have extensive experience in the coordination of program and project leaders to identify requirements for system architecture. Must be able to identify strategies for addressing requirements. Must have extensive experience with analysis of requirements against fiscal, schedule, and performance issues. Has extensive experience in taking program requirements



and is able to create an architecture vision having experience in high volume and high availability networks and systems. Experience in creating and conveying team members the architectural vision for program or project. Is responsible for dictating design choices to software developers, including but not limited to: platforms, coding, and technical levels. Experience in establishing standards and practices. Overseeing the development team, he manages the full life cycle of the software development process. Has extensive software development experience and thorough knowledge of a variety of programming languages and logic. Works with program and project leaders to create system architectures that optimally meet customer requirements. Works with process analysts to create software and system architectures the implement and support best practice process flows. Translate architectural requirements to implementation teams for project execution. Works with a variety of standards-based and proprietary software. Communicates system concepts to both technical and business leadership.

**Minimum Education:**

Master's Degree in relevant field.

**Test Engineer**

**Minimum/General Experience:**

Three (3) years' experience testing software applications and systems.

**Functional Responsibilities:**

A Test Engineer must have experience in the coordination and execution of test events and accordance with approved test plans, procedures and scripts. Must have knowledge and skills to ensure that test environments are set up accurately. Must be able to create test reports. The test engineer must be able to test IT hardware, software, and networks. Tests IT software and systems. Establishes and configures test frameworks and tools. Develops test procedures, test cases, and test scripts. Creates test plans that thoroughly and systematically exercise the unit under test. Creates test reports that document the test performance of the unit under test.

**Minimum Education:**

Bachelor's Degree in relevant field.

**Senior Developer**

**Minimum/General Experience:**

Three (3) years' experience and knowledge of software applications and systems.

**Functional Responsibilities:**

A Senior Developer will consult with clients to define and document requirements and develop workable solutions to business problems. Design, develop, upgrade, test, implement and document software components of client server applications and/or Internet/Web based systems; contribute to all phases of the software development life cycle. Assess, create, enhance and detail administrative, operational and technical policies and procedures.

**Minimum Education:** Bachelor's Degree in relevant field.

## LABOR CATEGORY DESCRIPTIONS – Health IT Services: SIN 132-56

### Architect – Health IT

#### Minimum Experience

Six years of relevant experience; at least three years in Health IT.

#### Functional Responsibilities

The Health IT Architect is responsible for designing reliable, high-performance healthcare information systems and applications within the constraints of budget, schedule, and operating environment. Key responsibilities include providing input into specifications and requirements for Health IT systems and software applications, and choosing architectural patterns and design strategies. Other responsibilities may include justifying solution component choices, design patterns, and software libraries to managers, engineers, and software developers.

The Health IT architect maintains current knowledge of Health IT standards and regulations such as Clinical Document Architecture (CDA), Fast Healthcare Interoperability Resources (FHIR), and the Health Insurance Portability and Accountability Act (HIPAA), develops diagrams and views, reviews work in progress to ensure that patterns are implemented correctly, and assists software development teams with clarifications and answers to questions.

The Health IT Architect also maintains current knowledge of modeling languages such as UML, programming languages such as JavaScript, and diagramming tools such as Microsoft Visio. The Health IT architect is familiar with open-source alternatives to proprietary solutions and stays up to date with trends in health interoperability, privacy, and security.

The Health IT architect may also be tasked with identifying constraints in proposed architecture, mitigating technical risk, and avoiding anti-patterns such as vendor lock-in.

#### Minimum Education

Bachelor's Degree in computer science, information systems, information technology, or engineering.

### Architect (Senior) – Health IT

#### Minimum Experience

Ten years of relevant experience; at least five years in Health IT.

#### Functional Responsibilities

The Senior Health IT Architect is responsible for designing reliable, high-performance healthcare information systems and applications within the constraints of budget, schedule, and operating environment. Key responsibilities include providing input into specifications and requirements for Health IT systems and software applications and choosing architectural patterns and design strategies. Other responsibilities may include justifying component choices, design patterns, and software libraries to managers, engineers, and software developers. The Senior Health IT Architect may also be responsible for leading teams of Health IT Architects, recruiting team members, and contributing to personnel reviews.

The Senior Health IT architect maintains current knowledge of Health IT standards and regulations such as Clinical Document Architecture (CDA), Fast Healthcare Interoperability Resources (FHIR), and the Health Insurance Portability and Accountability Act (HIPAA), develops diagrams and architectural views,

reviews work in progress to ensure that patterns are implemented correctly, and assists software development teams with clarifications and answers to questions.

The Senior Health IT Architect also maintains current knowledge of modeling languages such as UML, programming languages such as JavaScript, and diagramming tools such as Microsoft Visio. The Senior Health IT architect is familiar with open-source alternatives to proprietary solutions and stays up to date with trends in health interoperability, privacy, and security.

The Senior Health IT architect may also be tasked with identifying constraints, mitigating technical risk, and avoiding anti-patterns such as vendor lock-in.

#### **Minimum Education**

Bachelor's Degree in computer science, information systems, information technology, or engineering.

### **Configuration Manager – Health IT**

#### **Minimum Experience**

Three years of relevant experience; at least one year in Health IT.

#### **Functional Responsibilities**

The Health IT Configuration Manager is responsible for inventorying the components, libraries, licenses, and configurations used in healthcare applications, tracking and managing their use, and providing input and guidance on upgrade paths, dependencies, and testing.

Key responsibilities include supporting the software architects and engineers who are developing healthcare applications that incorporate libraries, components, and configurations from multiple sources, collaborating with test engineers to verify that libraries and components meet performance and functional requirements, evaluating options for software libraries and components to assist in their selection, comparing commercial components to open-source alternatives, and checking component roadmaps for end of life or end of support notices.

Additional responsibilities include making recommendations on upgrade paths, auditing configurations to identify gaps between software libraries in use and latest libraries available, making configuration information accessible to relevant audiences, keeping a license inventory, verifying suitability of component licenses, tracing dependency trees, and revising technical documentation to account for configuration changes.

The Health IT Configuration Manager maintains knowledge of standards and frameworks such as Health Level Seven (HL7) FHIR, the Information Technology Infrastructure Library (ITIL), and International Organization for Standardization (ISO) 10007.

#### **Minimum Education**

Bachelor's Degree or equivalent in computer science, information systems, information technology, business or engineering.

### **Cybersecurity Specialist – Health IT**

#### **Minimum Experience**

Five years of relevant experience; at least two years in Health IT.

#### **Functional Responsibilities**

The Health IT Cybersecurity Specialist is responsible for securing healthcare data at rest, healthcare data in motion, and the Health IT systems used to store and move that data.

Key responsibilities include configuring monitoring systems, security appliances, and host security agents, applying security best practices to Health IT software applications, document databases, and search engines, identifying vulnerabilities in configurations, architectures, and implementations, and advising on mitigation strategies.

The Health IT Cybersecurity Specialist may also automate routine security processes, analyze dependencies and software libraries for vulnerabilities, collaborate with DevOps personnel to configure systems for optimal security, collect data on security incidents, make use of security frameworks, tools, practices, and standards, and ensure compliance with the Health Insurance Portability and Accountability Act (HIPAA) and other applicable privacy and security regulations.

Additional responsibilities include updating and developing Health IT security policies and procedures, providing security-related input to architects and engineers, staying current on threats and trends, and contributing to security certification processes such as HITRUST.

#### **Minimum Education**

Bachelor's Degree or equivalent in computer science, information systems, information technology, business, or engineering.

## **Data Engineer – Health IT**

#### **Minimum Experience**

Five years of relevant experience in software and IT systems; at least two years in Health IT.

#### **Functional Responsibilities**

The Health IT Data Engineer is responsible for designing, building, maintaining, and optimizing the healthcare data infrastructure used by data scientists, analysts, and statisticians.

Key responsibilities include creating, maintaining, and optimizing data pipeline architectures, organizing and assembling healthcare data into tables, documents, and collections, identifying, designing, and implementing process improvements to maximize data availability, determining optimal hardware and software for healthcare data processing, connecting data sources to data repositories, providing subject matter expertise for data security and infrastructure scalability projects, and using best practices to extract, transform, and load clinical and claims data.

Additional responsibilities include maintaining current knowledge of standards such as Clinical Document Architecture (CDA), Health Level Seven (HL7) Messaging, and HL7 FHIR, advising data scientists, analysts, and statisticians on software tools, and ensuring that data from disparate sources can be exchanged.

The Health IT Data engineer is also responsible for normalizing and cleaning data, transforming and enriching data, and mapping data from fields and values into objects and messages in data-interchange formats such as JavaScript Object Notation (JSON), Extensible Markup Language (XML), and Electronic Data Interchange (EDI) X12.

#### **Minimum Education**

Bachelor's Degree or equivalent in computer science, information systems, information technology, math, business, or engineering.

## Data Engineer (Senior) – Health IT

### Minimum Experience

Eight years of relevant experience in software and IT systems; at least five years in Health IT.

### Functional Responsibilities

The Senior Health IT Data Engineer is responsible for designing, building, maintaining, and optimizing the healthcare data infrastructure used by data scientists, analysts, and statisticians.

Key responsibilities include creating, maintaining, and optimizing data pipeline architectures, organizing and assembling healthcare data into tables, documents, and collections, identifying, designing, and implementing process improvements to maximize data availability, determining optimal hardware and software for healthcare data processing, connecting data sources to data repositories, providing subject matter expertise for data security and infrastructure scalability projects, and using best practices to extract, transform, and load clinical and claims data.

Additional responsibilities include maintaining current knowledge of standards such as Clinical Document Architecture (CDA), Health Level Seven (HL7) Messaging, and HL7 FHIR, advising data scientists, analysts, and statisticians on software tools, and ensuring that data from disparate sources is interoperable.

The Senior Health IT Data engineer is also responsible for normalizing and cleaning data, transforming and enriching data, and mapping data from fields and values into objects and messages in data-interchange formats such as JavaScript Object Notation (JSON), Extensible Markup Language (XML), and Electronic Data Interchange (EDI) X12.

In addition to their technical responsibilities, Senior Health IT Data Engineers may also lead teams of data engineers and provide input for personnel reviews and hiring decisions.

### Minimum Education

Bachelor's Degree or equivalent in computer science, information systems, information technology, math, business, or engineering.

## Data Scientist – Health IT

### Minimum Experience

Five years of data-focused analytical experience; at least two years in Health IT.

### Functional Responsibilities

The Health IT Data Scientist uses analytical expertise, statistical methods, and programming skills to draw conclusions from clinical and claims data.

Key responsibilities include assessing the validity and completeness of healthcare data sets, identifying gaps in data sets and proposing solutions to fill those gaps, assisting with the development of data catalogs, automating processes, educating stakeholders on available data resources, collaborating with data engineers to improve data accuracy, tuning and improving algorithms for patient matching and classification, applying machine learning algorithms to clinical and claims data, maintaining expertise in

programming languages for healthcare analytics such as Python, Java, R, SQL, and N1QL, and developing database routines and software libraries.

Higher-level responsibilities include asking questions and framing problems using data sets as evidence, answering questions and solving problems by using data in novel ways, giving high-impact presentations based on insights derived from data analysis, creating visualizations from clinical and claims data, assessing the effectiveness of data sources and gathering techniques, and delivering practical insights that solve pressing problems and help refine longer term strategies.

The Health IT Data Scientist maintains current knowledge of clinical terminology, coding, and classification schemes such as ICDs 10 and 11, LOINC, and SNOMED, and data models such as HL7 FHIR and the OMOP Common Data Model.

#### **Minimum Education**

Bachelor's Degree or equivalent in computer science, math, physical sciences, business, or engineering.

### **Data Scientist (Senior) – Health IT**

#### **Minimum Experience**

Eight years of data-focused analytical experience; at least three years in Health IT.

#### **Functional Responsibilities**

The Senior Health IT Data Scientist uses analytical expertise, statistical methods, and programming skills to draw conclusions from clinical and claims data.

Key responsibilities include assessing the validity of healthcare data sets, identifying gaps in data sets and proposing solutions to fill those gaps, assisting with the development of data catalogs, automating analytical processes, providing input to stakeholders regarding opportunities to use data, educating stakeholders on available data resources, collaborating with data engineers to reduce data duplication and improve data accuracy, applying machine learning and artificial intelligence algorithms, maintaining expertise in software tools and programming languages for healthcare analytics such as Python, Java, R, SQL, and N1QL, and developing analytical processes, database routines, software tools, and code libraries.

Higher-level responsibilities include framing problems using data sets as evidence, answering questions and solving problems by using data in novel ways, telling high-impact stories based on insights derived from data analysis, creating visualizations from clinical and claims data, assessing the effectiveness of new data sources and data gathering techniques, and delivering practical insights that help refine longer term strategies. As needed, the Senior Health IT Data Scientist leads data science teams, provides input into team member performance reviews and hiring decisions, and serves as a subject matter expert on matters related to Health IT data.

The Senior Health IT Data Scientist maintains current knowledge of clinical terminology, coding, and classification schemes such as ICDs 10 and 11, LOINC, and SNOMED, and data models such as HL7 FHIR and the OMOP Common Data Model.

#### **Minimum Education**

Master's Degree or equivalent in computer science, math, physical sciences, business, or engineering.

### **DevOps Engineer – Health IT**

**Minimum Experience**

Three years of relevant experience; at least one year in Health IT.

**Functional Responsibilities**

The Healthcare IT DevOps Engineer is responsible for ensuring that the hardware, software, and applications that deliver Health IT services are reliable, available, secure, up-to-date, and tuned to achieve maximum performance.

Key responsibilities include monitoring the performance of healthcare systems, applications, and hardware, managing log files, evaluating anomalies, automating repetitive tasks, managing backups, patching systems, troubleshooting errors, providing technical support, deploying new hardware, software, virtual machines, and containers, configuring systems to meet security and performance requirements, managing access to systems, and upgrading hardware and software to accommodate new applications and services.

Additional responsibilities include offering input on hardware and software compatibility to tech leads, software developers, Health IT architects, and systems engineers, assisting with security audits and capacity planning, forecasting upgrade specifications and timelines, streamlining processes and workflows, and keeping technical documentation up to date.

The Health IT DevOps Engineer is well-versed in DevOps principles, Agile Scrum tools and processes, automation tools such as shell scripts, and programming languages like Python and JavaScript. The Health IT DevOps Engineer is also familiar with ITIL service and technical management practices.

**Minimum Education**

Bachelor's Degree or equivalent experience.

**Functional Analyst – Health IT****Minimum Experience**

Five years of experience in business process implementation or transformation; at least two years in Health IT.

**Functional Responsibilities**

The Health IT Functional Analyst is responsible for improving healthcare business processes by applying broad knowledge and industry experience to complex healthcare environments.

Key responsibilities include performing feasibility and functional analysis for healthcare information systems, strategic planning, configuration management support, business process re-engineering through assessment of alternative strategies, and process implementation assistance.

Additional responsibilities include supporting financial, security, human factor, and data analysis initiatives, performing market research, and evaluating options for process improvement. The functional analyst may also be responsible for managing junior analysts, assisting with systems analysis, and understanding the long-term implications of alternatives in the context of current priorities.

The Health IT Functional Analyst is adept at formulating project objectives through research and fact-finding, prioritizing business process objectives, documenting requirements, evaluating the logic of healthcare business processes, and modeling healthcare business processes using tools such as Microsoft Visio and Business Process Modeling Notation (BPMN).

**Minimum Education**

Bachelor's Degree or equivalent in a relevant field, such as business, math, or engineering.

**Functional Analyst (Senior) – Health IT****Minimum Experience**

Eight years of experience in business process implementation or transformation; at least three years in Health IT.

**Functional Responsibilities**

The Senior Health IT Functional Analyst is responsible for assessing the operational and functional baselines of healthcare organizations and improving the business processes of those organizations by applying broad healthcare industry knowledge and experience.

Key responsibilities include developing Health IT strategies, analyzing “as is” healthcare business and information environments, and applying subject matter expertise to overcome Health IT operational, interoperability, and roadmap challenges. Additional responsibilities include assessing opportunities for process improvement, creating conceptual models of business processes, and translating proposed process improvements into functional requirements.

The Senior Health IT Functional Analyst may also lead process design, re-engineering, and transformation programs, and create strategies to guide the execution of complex Health IT projects. The Senior Health IT Functional Analyst is an expert at diagramming business processes using tools such as Microsoft Visio and Business Process Modeling Notation (BPMN).

**Minimum Education**

Master's Degree or equivalent in a relevant field, such as business administration, operations research, or engineering.

**Project Manager – Health IT****Minimum Experience**

Five years of experience in software and systems; at least two years in Health IT.

**Functional Responsibilities**

The Health IT Project Manager is responsible for delivering Health IT systems and applications within the constraints of schedule and budget.

Key responsibilities include developing, tracking, and managing work-breakdown structures and schedules, functioning as the primary communications interface between the project's technical team and the project's owners, matching human resources to project roles, tracking and forecasting project financials, managing risk, setting project goals, and ensuring stakeholder satisfaction.

Additional responsibilities include signing off on deliverables, reviewing and providing input into job descriptions, interviewing candidates, identifying areas for improvement, ensuring that external dependencies are accounted for, and sharing lessons learned on the project.

The Health IT Project Manager maintains current knowledge of health interoperability principles, project management best practices, and useful software tools such as Microsoft Project and Microsoft Excel.



**Minimum Education**

Bachelor's Degree or equivalent in business, information systems, information technology, or engineering.

**Project Manager (Senior) – Health IT****Minimum Experience**

Eight years of project management experience in software and systems; at least three years in Health IT.

**Functional Responsibilities**

The Senior Health IT Project Manager is responsible for delivering moderate to complex Health IT systems and applications within the constraints of schedule and budget.

Key responsibilities include developing, tracking, and managing work-breakdown structures and schedules, functioning as the communications interface between the project's technical team and the project's owners, matching human resources to project roles, tracking and forecasting project financials, tracking, forecasting, and prioritizing risk, setting project goals, and ensuring stakeholder satisfaction.

Additional responsibilities include signing off on documents and deliverables, reviewing and providing input into job descriptions, defining project roles, interviewing candidates, identifying areas for process improvement, ensuring that external dependencies are accounted for, telling a consistent project story, and documenting and sharing lessons learned on the project.

The Senior Health IT Project Manager maintains current knowledge of health interoperability principles, project management best practices, and software tools such as Microsoft Project and Microsoft Excel.

**Minimum Education**

Bachelor's Degree or equivalent in business, information systems, information technology, or engineering.

**Scrum Master – Health IT****Minimum Experience**

Three years of relevant experience; at least one year in Health IT.

**Functional Responsibilities**

The Health IT Scrum Master is responsible for guiding Health IT software development teams using the Agile Scrum methodology.

Key responsibilities include developing, tracking, and managing task lists and sprint schedules, leading daily scrum calls, conducting backlog grooming sessions, and identifying and alleviating constraints that hinder the scrum team's performance. Additional responsibilities include identifying areas for process improvement, forecasting scrum team resource needs, generating performance reports, customizing the online scrum board tool, setting high expectations for the scrum team, and sharing lessons learned on each sprint.

The Health IT Scrum Master is an expert with web-based software tools like Jira and Confluence that are used to support Health IT software development using the Agile Scrum methodology.

**Minimum Education**

Bachelor's Degree or equivalent in business, information systems, information technology, or engineering.

## Software Engineer – Health IT

### Minimum Experience

Five years of experience developing, testing, debugging, and documenting software; at least two years in Health IT.

### Functional Responsibilities

The Health IT Software Engineer is responsible for developing Health IT software using modern programming languages such as JavaScript, markup languages such as XML and HTML, and style sheet languages such as CSS.

Key responsibilities include participating in planning and design sessions, contributing to task development, writing code, writing unit tests, and debugging. Additional responsibilities include estimating task timelines, prioritizing tasks, applying design patterns, and avoiding anti-patterns.

The Health IT Software Engineer may also be responsible for assisting with software build and deployment processes, for managing code in version control systems such as Git or Bitbucket, and for resolving code merge conflicts.

The Health IT Software Engineer is adept at software development practices such as Agile Scrum, is well-versed in healthcare interoperability standards such as HL7 messaging and IHE profiles, and is familiar with exchange models and standards such as Clinical Document Architecture (CDA) and Fast Healthcare Interoperability Resources (FHIR).

### Minimum Education

Bachelor's Degree in computer science, information systems, or information technology.

## Software Engineer (Senior) – Health IT

### Minimum Experience

Eight years of experience developing, testing, debugging, and documenting software; at least three years in Health IT.

### Functional Responsibilities

The Senior Health IT Software Engineer is responsible for developing Health IT software using modern programming languages such as JavaScript, markup languages such as XML and HTML, and style sheet languages such as CSS. The Senior Health IT Software Engineer may also be responsible for supervising and leading software engineering teams.

Key responsibilities include contributing to software architecture discussions, choosing design patterns, writing and debugging code, leading teams of software developers, avoiding anti-patterns, and documenting Health IT software code.

The Senior Health IT Software Engineer may also lead build and deployment processes, control code versions using Git or Bitbucket, lead teams of software engineers, and perform debugging and troubleshooting. Additional responsibilities may include estimating software development schedules, verifying architectural feasibility, and contributing to performance reviews.

The Senior Health IT Software Engineer is adept at software development practices like Agile Scrum, is well-versed in health interoperability standards such as HL7 messaging and IHE profiles, and is familiar with exchange models and standards such as Clinical Document Architecture (CDA) and Fast Healthcare Interoperability Resources (FHIR).

**Minimum Education**

Bachelor’s Degree in computer science, information systems, or information technology.

**Systems Analyst – Health IT**

**Minimum Experience**

Five years of systems analysis experience; at least one year in Health IT.

**Functional Responsibilities**

The Health IT Systems Analyst is responsible for formulating and defining system scope and objectives using a combination of technical knowledge and experience in systems analysis.

Specific responsibilities include understanding the business need for which the Health IT system is designed, writing specifications and requirements, and contributing to systems development, testing, and modification.

Additional responsibilities include identifying system design risks and implementation constraints. Other responsibilities include developing, reviewing, testing, and approving data processing logic, and identifying open-source alternatives to proprietary components such as software libraries.

The Health IT Systems Analyst is adept at defining systems goals through research and fact-finding, prioritizing implementation objectives, documenting technical requirements, evaluating the logic of business processes, and modeling processes and data flows using tools such as Microsoft Visio, Business Process Modeling Notation (BPMN), and the Unified Modeling Language (UML).

The Health IT Systems Analyst is familiar with common Health IT standards and models such as Extensible Markup Language (XML), JavaScript Object Notation (JSON), Health Level Seven (HL7) messaging, Clinical Document Architecture (CDA), and Fast Healthcare Interoperability Resources (FHIR). The Health IT Systems Analyst is also familiar with clinical coding systems such as ICD, SNOMED, and LOINC.

**Minimum Education**

Bachelor’s Degree or equivalent experience.

**Systems Analyst (Senior) – Health IT**

**Minimum Experience**

Six years of systems analysis experience; at least three years in Health IT.

**Functional Responsibilities**

The Senior Health IT Systems Analyst is responsible for understanding the functions for which a Health IT system is designed, writing specifications and requirements that will deliver those functions, and contributing to the system’s development and implementation. While doing so, the Senior Health IT Systems Analyst takes into account the costs and risks associated with the system’s design, implementation, and operation.

Additional responsibilities include creating data processing logic, evaluating commercial-off-the-shelf alternatives to customized components, contributing to quality assurance processes, and identifying and prioritizing constraints.

Supervisory responsibilities may include instructing, directing, and reviewing the work of junior-level systems analysts, and directing and monitoring the work of other team members.

The Senior Health IT Systems Analyst is well-versed in Health IT standards and models such as Extensible Markup Language (XML), JavaScript Object Notation (JSON), Health Level Seven (HL7) messaging, Clinical Document Architecture (CDA), and Fast Healthcare Interoperability Resources (FHIR). The Senior Health IT Systems Analyst is also familiar with clinical coding systems such as ICD, SNOMED, and LOINC.

#### **Minimum Education**

Bachelor's Degree or equivalent experience.

### **Systems Engineer – Health IT**

#### **Minimum Experience**

Three years of systems engineering experience; at least one year in Health IT.

#### **Functional Responsibilities**

The Health IT Systems Engineer is responsible for defining, undertaking, and completing tasks that support Health IT systems design, performance optimization, capacity planning, testing, validation, risk assessment, benchmarking, and interface analysis.

Key responsibilities include developing systems engineering and information security plans, writing technical documents, optimizing performance, improving security, defining interface specifications, and supporting implementation teams.

Additional responsibilities may include identifying deficiencies in Health IT systems, advising on vendor selection, capacity planning, and performance management. Health IT Systems Engineers may also contribute to hardware and software evaluations, assist with quality control and assurance, and provide technical leadership on tasks.

The Health IT Systems Engineer is well-versed in Health IT standards, models, and languages such as the Unified Modeling Language (UML), Extensible Markup Language (XML), JavaScript Object Notation (JSON), Health Level Seven (HL7) messaging, Clinical Document Architecture (CDA), and Fast Healthcare Interoperability Resources (FHIR). The Health IT Systems Engineer is also familiar with clinical coding systems such as ICD, SNOMED, and LOINC.

#### **Minimum Education**

Bachelor's Degree or equivalent in computer science, information systems, information technology, business, or engineering.

### **Systems Engineer (Senior) – Health IT**

#### **Minimum Experience**

Seven years of systems engineering experience; at least three years in Health IT.

#### **Functional Responsibilities**

Senior Health IT Systems Engineers are responsible for defining, undertaking, and completing tasks that support Health IT systems design, performance optimization, capacity planning, testing, validation, risk assessment, benchmarking, and interface analysis. Senior Health IT Systems Engineers also contribute to hardware and software evaluations, assist with quality assurance, and lead technical teams responsible for developing Health IT systems.

Key responsibilities include developing systems engineering plans and security plans, supervising Health IT Systems Engineers, developing technical documentation, optimizing systems performance, improving security, and supporting implementation teams.

Additional responsibilities include identifying deficiencies in Health IT systems, selecting component sources and vendors, capacity planning, and performance management.

The Senior Health IT Systems Engineer is an expert in Health IT standards, models, and languages such as Unified Modeling Language (UML), Extensible Markup Language (XML), JavaScript Object Notation (JSON), Health Level Seven (HL7) messaging, Clinical Document Architecture (CDA), and Fast Healthcare Interoperability Resources (FHIR). The Senior Health IT Systems Engineer is also well-versed in clinical coding systems such as ICD, SNOMED, and LOINC.

#### **Minimum Education**

Bachelor's Degree or equivalent in computer science, information systems, information technology, business, or engineering.

### **Technical Writer – Health IT**

#### **Minimum Experience**

Three years of experience in writing, editing, and preparing technical and business documents; at least one year in Health IT.

#### **Functional Responsibilities**

The Health IT Technical Writer is responsible for the structure, preparation, and delivery of documents and content related to the development and use of Health IT software.

Key responsibilities include creating content for user interfaces, online help guides, training materials, and proposals, along with conducting reviews, edits, and revisions.

Additional responsibilities include delivering documents on time and in appropriate formats, adhering to document quality standards, and ensuring that document content is consistent with style guides.

The Health IT Technical Writer is an expert with tools such as Microsoft Word, Adobe Acrobat, and Atlassian Confluence, and is familiar with the terminology surrounding Health IT standards, models, and languages such as Extensible Markup Language (XML), JavaScript Object Notation (JSON), Health Level Seven (HL7) messaging, and Fast Healthcare Interoperability Resources (FHIR). The Health IT Technical writer is also familiar with clinical terminology and the basic differences between coding systems such as ICD, SNOMED, and LOINC.

#### **Minimum Education**

Bachelor's Degree in English, business, information systems, or information technology.

### **Technical Writer (Senior) – Health IT**

**Minimum Experience**

Five years of experience in writing, editing, and preparing technical and business documents; at least two years in Health IT.

**Functional Responsibilities**

The Senior Health IT Technical Writer outlines, writes, edits, revises, and delivers documents related to the development and use of Health IT software and applications.

Key responsibilities include writing content for user interfaces, online help guides, training materials, reports, and proposals. Additional responsibilities include delivering high-quality documents on time, adhering to document quality standards, and ensuring that documents are consistent with style guides.

The Senior Health IT Technical Writer may lead other writers during document creation and production, including managers, technical personnel, and subject matter experts, as part of the overall process of delivering written content.

The Senior Health IT Technical Writer is an expert with tools such as Microsoft Word, Adobe Acrobat, and Atlassian Confluence, and is familiar with the terminology surrounding Health IT standards and languages such as Extensible Markup Language (XML), JavaScript Object Notation (JSON), Health Level Seven (HL7) messaging, and Fast Healthcare Interoperability Resources (FHIR). The Senior Health IT Technical Writer is also familiar with clinical terminology and understands the differences between coding systems such as ICD, SNOMED, and LOINC.

**Minimum Education**

Bachelor's Degree in English, business, information systems, or information technology.

**Test Engineer – Health IT****Minimum Experience**

Three years of testing experience; at least one year in Health IT.

**Functional Responsibilities**

The Health IT Test Engineer tests Health IT systems and software to prove that they meet or exceed functional and performance specifications.

Key responsibilities include choosing test frameworks, managing test-code libraries, and configuring the tools necessary to test Health IT software before delivery into production. Other responsibilities include developing test procedures, test cases, and test scripts in languages like JavaScript, Python, and the various flavors of UNIX shell script.

The Health IT Test Engineer may also create test plans, write unit tests, and develop reports that document test results. The Health IT Test Engineer is responsible for maintaining the scripts and code used in testing under version control in the likes of Git or Bitbucket.

The Health IT Test Engineer is well-versed in Health IT standards, models, and languages such as Extensible Markup Language (XML), JavaScript Object Notation (JSON), Health Level Seven (HL7) messaging, and Fast Healthcare Interoperability Resources (FHIR). The Health IT Test Engineer is also familiar with clinical coding systems like ICD, SNOMED, and LOINC.

**Minimum Education**

Bachelor's Degree in computer science, information systems, or information technology.

## Training Specialist – Health IT

### Minimum Experience

Three years of relevant experience; at least one year in Health IT.

### Functional Responsibilities

The Health IT Training Specialist is responsible for training the end users of Health IT systems, software, and applications.

Key responsibilities include developing training plans under the direction of the senior training specialist and delivering lessons in classroom or virtual classroom settings.

Additional responsibilities include collaborating with product, clinical, and technical experts to develop training content, updating training materials and course agendas as applications change, and coordinating training with customer points-of-contact. The Health IT Training Specialist may also be responsible for collecting feedback from trainees and improving training course agendas and materials.

The Health IT Training specialist is a power user of digital tools used for content creation such as Microsoft Word, Microsoft PowerPoint, and Adobe Acrobat, and is familiar with clinical and claims terminology such as the Fast Healthcare Interoperability (FHIR) data model, ICD code sets, and Clinical Document Architecture (CDA).

### Minimum Education

Bachelor's Degree in liberal arts, business, information systems, or information technology.

## Training Specialist (Senior) – Health IT

### Minimum Experience

Five years of relevant experience; at least two years in Health IT.

### Functional Responsibilities

The Senior Health IT Training Specialist is responsible for leading the training of end users of Health IT systems, software, and applications.

Key responsibilities include leading the development of training plans and lessons, delivering training in conjunction with Health IT Training Specialists, coordinating client audiences, and refining training materials and processes.

Additional responsibilities may include collaborating with product, clinical, and technical experts to develop training content, updating training materials and agendas as applications change, and coordinating training with customers. The Sr. Health IT Training Specialist is also responsible for identifying bottlenecks and constraints that need to be removed in order to improve the efficiency of training processes.

The Senior Health IT Training Specialist is an expert user of training-content creation tools such as Microsoft Word, Microsoft PowerPoint, and Adobe Acrobat, and is familiar with clinical and claims terminology such as the Fast Healthcare Interoperability (FHIR) data model, ICD code sets, and Clinical Document Architecture (CDA). The Sr. Health IT Training Specialist is also familiar with the basic principles of health interoperability and privacy.

**Minimum Education**

Bachelor’s Degree in liberal arts, business, information systems, or information technology.

**Education/Experience Substitution Table**

Degree	Substitution Methodology
Bachelor’s Degree	1 - Associate degree plus two years of work experience in the field specified in the order 2 - High school diploma plus four years of work experience in the field specified in the order
Master’s Degree	1 - Bachelor’s Degree plus two years of work experience in the field specified in the order 2 - Associate degree plus four years of work experience in the field specified in the order 3 - High school diploma plus six years of work experience in the field specified in the order



## 28. LABOR CATEGORY PRICING

SIN	Service Proposed (eg Job Title/Task)	GSA Price (including IFF)
54151HEAL	Architect – Health IT	\$120.02
54151HEAL	Architect (Senior) – Health IT	\$158.63
54151HEAL	Configuration Manager – Health IT	\$98.20
54151HEAL	Cybersecurity Specialist – Health IT	\$105.96
54151HEAL	Data Engineer – Health IT	\$138.32
54151HEAL	Data Engineer (Senior) – Health IT	\$168.25
54151HEAL	Data Scientist – Health IT	\$127.54
54151HEAL	Data Scientist (Senior) – Health IT	\$179.98
54151HEAL	DevOps Engineer – Health IT	\$108.78
54151HEAL	Functional Analyst – Health IT	\$120.41
54151HEAL	Functional Analyst (Senior) – Health IT	\$138.88
54151HEAL	Project Manager – Health IT	\$115.07
54151HEAL	Project Manager (Senior) – Health IT	\$153.34
54151HEAL	Scrum Master – Health IT	\$103.84
54151HEAL	Software Engineer – Health IT	\$93.80
54151HEAL	Software Engineer (Senior) – Health IT	\$122.29
54151HEAL	Systems Analyst – Health IT	\$108.56
54151HEAL	Systems Analyst (Senior) – Health IT	\$114.74
54151HEAL	Systems Engineer – Health IT	\$107.74
54151HEAL	Systems Engineer (Senior) – Health IT	\$138.64
54151HEAL	Technical Writer – Health IT	\$83.44
54151HEAL	Technical Writer (Senior) – Health IT	\$101.94
54151HEAL	Test Engineer – Health IT	\$107.43
54151HEAL	Training Specialist – Health IT	\$86.97
54151HEAL	Training Specialist (Senior) – Health IT	\$107.07
54151S	Head Trainer	\$93.80
54151S	Product Trainer	\$69.12
54151S	Technical Writer	\$66.16
54151S	Business Process Analyst	\$69.12
54151S	Business Process Expert	\$123.43
54151S	Development Manager	\$103.68
54151S	Software Engineer	\$69.12
54151S	Senior Software Engineer	\$93.80
54151S	Senior Software/System Architect	\$123.43
54151S	Test Engineer	\$78.99
54151S	Senior Developer	\$69.12

## PRODUCT PRICING

<b>SIN</b>	<b>MFR Part Number</b>	<b>Product Name</b>	<b>Product Description</b>	<b>GSA Price with IFF</b>
54151S, 511210	EHR-0010	ehr.NXT Ambulatory EHR System	License Charge	\$2,316,267.66
54151S, 511210	HC-0010	HealthCenter PHR System	License Charge	\$937,027.71
54151S, 511210	DSM-0010	Direct Secure Messaging HISP Services	Monthly Fee	\$10,122.32