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.

Schedule Title: MAS – LARGE CATEGORY INFORMATION TECHNOLOGY
PSC: D399

SIN 54151S - INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES
FPDS Code D301 IT Facility Operation and Maintenance
FPDS Code D302 IT Systems Development Services
FPDS Code D306 IT Systems Analysis Services
FPDS Code D307 Automated Information Systems Design and Integration Services
FPDS Code D308 Programming Services
FPDS Code D310 IT Backup and Security Services
FPDS Code D311 IT Data Conversion Services
FPDS Code D313 Computer Aided Design/Computer Aided Manufacturing (CAD/CAM) Services
FPDS Code D316 IT Network Management Services
FPDS Code D317 Creation/Retrieval of IT Related Automated News Services, Data Services, or
        Other Information Services (All other information services belong under Schedule 76)
FPDS Code D399 Other Information Technology Services, Not Elsewhere Classified

SIN 541519 PIV Personal Identity Verification (PIV) Credentials and Services. This facilitates trusted physical and electronic access to government facilities and networks using smart card technology. PIV Credentials and Services is a key enabler of identity assurance for access control and protects Federal facilities and information systems from unauthorized access, interception, and tampering.

SIN OLM Order Level Materials

Contract Number: **GS-35F-0301T**
Contract Period: **March 01, 2017 through February 28, 2022**
Pricelist current through Modification # PA-0015, dated 02/13/2020.

Systems Engineering, Inc.
21351 Gentry Drive, Suite #100
Dulles, Virginia 20166-6510
Tel (571) 434-6943
Fax (571) 434-7554
www.seisecure.com

Business Size: Small Disadvantaged

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at fss.gsa.gov.

SYSTEMS ENGINEERING, INC.
FSS INFORMATION TECHNOLOGY SCHEDULE PRICELIST

TABLE OF CONTENTS

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

SIN 54151S Information Technology Professional Services IT Professional Services and/or labor categories for database planning and design; systems analysis, integration, and design; programming, conversion and implementation support; network services, data/records management, and testing. NOTE: Subject to Cooperative Purchasing

SIN 541519PIV Homeland Security Presidential Directive 12 Product and Service Components PIV products and PIV services to implement the requirements of HSPD-12, FIPS-201 and associated NIST special publications. implementation components specified under this SIN are: * PIV enrollment and registration services, * PIV systems infrastructure, * PIV card management and production services, * PIV card finalization services, * Logical access control products and services, * PIV system integration services. Installation services and FIPS 201 compliant PACS (Physical Access Control System) products. NOTE: Subject to Cooperative Purchasing

SIN OLM

1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract.

SIN 54151S: **Engineering Aide I $65.61**

SIN 541519PIV: **Engineering Aide I $65.61**

1c. Contractor hourly rates: **See pages 16 and 28**

2.Maximum order.

    SIN 54151S $500,000

    SIN **541519 PIV $1,000,000**

3. Minimum order: **$100**

4. Geographic coverage: **Domestic and Overseas**

5. Point(s) of production: **Not applicable**

6. Prices herein are **NET; discount has been applied**.

7. Quantity discounts: **None**

8. Prompt payment terms. **None; Net 30 Days**.

    Note: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions."

9a. Notification that Government purchase cards are accepted at or below the micro-purchase threshold: **Accepted**

9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold: **Accepted**

10. Foreign items: **None**

11a. Time of delivery: **30 Days After Receipt of Order**

11b. Expedited Delivery: **Contract Contractor**

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

11d. Urgent Requirements: **Contact Contractor**

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

13a. Ordering address(es).

> Systems Engineering, Inc.
> 21351 Gentry Drive, Suite #100
> Dulles, Virginia 20166
> Tel (571) 434-6943
> Fax (571) 434-7554

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

14.   Payment address(es).

        Systems Engineering, Inc.
        21351 Gentry Drive, Suite #100
        Dulles, Virginia 20166
        Tel (571) 434-6943
        Fax (571) 434-7554

15.   Warranty provision: **Standard Commercial**

16.   Export packing charges: **Not applicable**.

17.   Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level).

18.   Terms and conditions of rental, maintenance, and repair : **Not applicable**

19.   Terms and conditions of installation: **See SIN 541519PIV**

20.   Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices: **Not applicable**

20a.   Terms and conditions for any other services: **Not applicable**

21.   List of service and distribution points: **Not appliable**

22.   List of participating dealers (if applicable): **Not applicable**

23.   Preventive maintenance : **Not applicable**

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

24b. Section 508 compliance EIT standards can be found at:
www.Section508.gov/.: **Not applicable**

25. Data Universal Number System (DUNS) number: **197194079**

26. Notification regarding registration in System for Award Management (SAM) database. : **Registration valid until 2-3-2021**

SEI maintains a Smart Card Demonstration Center at their offices in Dulles, VA that has enabled many Government users to witness firsthand the state-of-the-art technologies and security integration services that SEI has to offer. SEI is compliant with the NIST's Government Smart Card Interoperable Specification (GSC), Homeland Security Presidential Directive (HSPD) 12 and the Federal Information Processing Standard (FIPS) Publication 201. Please see the Labor Category Descriptions and the GSA Labor Rates below.

SEI design approach for PIV Integration began with employing the requirements of Homeland Security Presidential Directive –12, (HSPD-12) in accordance with FIPS-201 process. FIPS-201 is the guidelines for the implementation of HSPD-12. FIPS-201 has the following premises:

- The Smart ID Cards/Badges are issued, based on sound criteria for verification of personal identification.

- The SYSTEM is strongly resistant to identity fraud, tampering, counterfeiting and terrorist exploration.

- Individual identities can be rapidly authenticated electronically.

- Only providers whose reliability has been established by an official accreditation process issue identification verifications.

Figure 1 depicts the PIV-I process flow based role-model implementation.
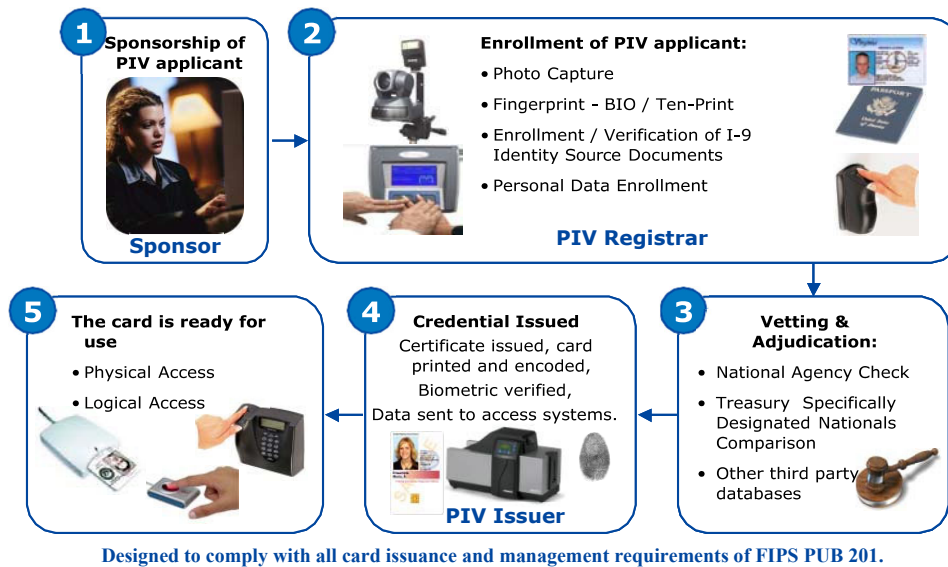

Designed to comply with all card issuance and management requirements of FIPS PUB 201.

FIGURE 1 – PIV-1 FLOW PROCESS

SIN 54151S LABOR CATEGORY DESCRIPTIONS

SEI-001 Project Engineering Manager
Plans and directs all specialized engineers working on a specific project/projects. Manages the development, implementation, and evaluation of complex designs, product construction and testing in order to ensure completion of project as efficiently and effectively as possible. Requires a bachelor's degree in area of specialty and at least 7 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to a head of a unit/department.

SEI-002 Project Engineer III
Responsible for the completion of long-term IT engineering projects. Performs engineering design evaluations and works to complete projects within budget and scheduling restraints. Develops, implements, and monitors information systems policies and controls to ensure data accuracy, security, and regulatory compliance. Reviews reports of computer and peripheral equipment production, malfunction, and maintenance to determine and address problems. Requires a bachelor's degree and 6-8 years of experience in the field or in a related area. May require ongoing training in network/telecom seminars. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a supervisor or manager.

SEI-003 Project Engineer II
Responsible for the completion of long-term IT engineering projects. Performs engineering design evaluations and works to complete projects within budget and scheduling restraints. Develops, implements, and monitors information systems policies and controls to ensure data accuracy, security, and regulatory compliance. Reviews reports of computer and peripheral equipment production, malfunction, and maintenance to determine and address problems. Requires a bachelor's degree and 4-6 years of experience in the field or in a related area. May require ongoing training in network/telecom seminars. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a supervisor or manager.

SEI-004 Project Engineer I
Responsible for the completion of long-term IT engineering projects. Performs engineering design evaluations and works to complete projects within budget and scheduling restraints. Develops, implements, and monitors information systems policies and controls to ensure data accuracy, security, and regulatory compliance. Reviews reports of computer and peripheral equipment production, malfunction, and maintenance to determine and address problems. Requires a bachelor's degree and 0-2 years of experience in the field or in a related area. May require ongoing training in network/telecom seminars. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a supervisor or manager.

SEI-006 CAD Drafter II
Transforms initial rough product designs using computer-aided design (CAD) into working documents. Reviews engineering drawing and designs to ensure adherence to established specifications and standards. May require an associate's degree in a related area and at least 4 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May direct and lead the work of others. Typically reports to a manager or head of a unit/department. A wide degree of creativity and latitude is expected.

SEI-005 CAD Drafter I
Transforms initial rough product designs using computer-aided design (CAD) into working documents. Reviews engineering drawing and designs to ensure adherence to established specifications and standards. May require an associate's degree in a related area and 0-2 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Primary job functions do not typically require exercising independent judgment. Typically reports to a supervisor or manager.

SEI-007 Software Engineering Manager
Manages a team of software engineers to architect, design enterprise software products/operating systems. Writes product requirement documents, implements and tracks development timelines, negotiates feature sets with the development leads and product. Requires a bachelor's degree in a related area and at least 7 years of experience with software development in Java and C++, strong relational database knowledge. Knowledge of e-commerce infrastructure, customer relationship management, data warehousing, and business intelligence. Generally manages a group of software developers/engineers. Relies on experience and judgment to plan and accomplish goals. Typically reports to a senior manager.

SEI-008 Software Engineer IV
Designs, modifies, develops, writes and implements software programming applications. Supports and/or installs software applications/operating systems. Participates in the testing process through test review and analysis, test witnessing and certification of software. Designs, plans, and coordinates work teams. Provides technical support to project team members. Requires a bachelor's degree in a related area and 6-8 years of experience in the field. Familiar with a variety of the field's concepts, practices, and procedures. Generally manages a group of software developers/engineers. Relies on experience and judgment to plan and accomplish goals. Typically reports to a senior manager.

SEI-009 Software Engineer III
Designs, modifies, develops, writes and implements software programming applications. Supports and/or installs software applications/operating systems. Participates in the testing process through test review and analysis, test witnessing and certification of software. Requires a bachelor's degree in a related area and 4-6 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. May report directly to a project lead or manager. A wide degree of creativity and latitude is expected.

SEI-010 Software Engineer II
Designs, modifies, develops, writes and implements software programming applications. Supports and/or installs software applications/operating systems. Participates in the testing process through test review and analysis, test witnessing and certification of software. Requires a bachelor's degree in a related area and 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a manager. A certain degree of creativity and latitude is required.

SEI-011 Software Engineer I
Designs, modifies, develops, writes and implements software programming applications. Supports and/or installs software applications/operating systems. Participates in the testing process through test review and analysis, test witnessing and certification of software. Requires a bachelor's degree in a related area and 0-2 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Primary job functions do not typically require exercising independent judgment. Typically reports to a manager.

SEI-012 Software Support Manager
Oversees software support staff. Manages department budget to ensure goals are met. Establishes and maintains relationships with engineering and software development. Provides advanced troubleshooting skills to resolve technical problems. Researches, reports and corrects any quality assurance issues. Requires a bachelor's degree and 6-8 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to a head of a unit/department.

SEI-013 Software Support Engineer III
Troubleshoots and develops technical solutions related to software and setup errors for field engineers, technicians, and customers. Creates workaround procedures when standard procedures have failed and ensures issues are resolved in a timely fashion. Escalates urgent problems requiring more in-depth knowledge to appropriate internal resources. Requires a bachelor's degree in area of specialty and 4-6 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a manager.

SEI-014 Software Support Engineer II
Troubleshoots and develops technical solutions related to software and setup errors for field engineers, technicians, and customers. Creates workaround procedures when standard procedures have failed and ensures issues are resolved in a timely fashion. Escalates urgent problems requiring more in-depth knowledge to appropriate internal resources. Requires a bachelor's degree in area of specialty and 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a supervisor or manager.

SEI-015 Software Support Engineer I
Troubleshoots and develops technical solutions related to software and setup errors for field engineers, technicians, and customers. Creates workaround procedures when standard procedures have failed and ensures issues are resolved in a timely fashion. Escalates urgent problems requiring more in-depth knowledge to appropriate internal resources. Requires a bachelor's degree in area of specialty and 0-2 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a supervisor or manager.

SEI-016 Network Engineer III
Assists in the development and maintenance of network communications. Uses knowledge of LAN/WAN systems to help design and install internal and external networks. Tests and evaluates network systems to eliminate problems and make improvements. May require a bachelor's degree and at least 5 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a supervisor or manager.

SEI-017 Network Engineer II
Assists in the development and maintenance of network communications. Uses knowledge of LAN/WAN systems to help design and install internal and external networks. Tests and evaluates network systems to eliminate problems and make improvements. Requires a bachelor's degree in area of specialty and 2-5 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a supervisor.

SEI-018 Network Engineer I
Assists in the development and maintenance of network communications. Uses knowledge of LAN/WAN systems to help design and install internal and external networks. Tests and evaluates network systems to eliminate problems and make improvements. Requires a bachelor's degree in area of specialty and 0-2 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Typically reports to a supervisor.

SEI-019 Field Service Engineer V
Installs, troubleshoots, and maintains products/equipment. Trains employees, identifies, analyzes, and repairs product failures, orders and replaces parts as needed. Determines and recommends which products or services best fit the customers' needs. Requires a bachelor's degree in area of specialty and 8-10 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. May provide consultation on complex projects and is considered to be the top-level contributor/specialist. Typically reports to a manager or head of a unit/department.

SEI-020 Field Service Engineer IV
Installs, troubleshoots, and maintains products/equipment. Trains employees, identifies, analyzes, and repairs product failures, orders and replaces parts as needed. Determines and recommends which products or services best fit the customers' needs. Requires a bachelor's degree in area of specialty and 6-8 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department.

SEI-021 Field Service Engineer III
Installs, troubleshoots, and maintains products/equipment. Trains employees, identifies, analyzes, and repairs product failures, orders and replaces parts as needed. Determines and recommends which products or services best fit the customers' needs. Requires a bachelor's degree in area of specialty and 4-6 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department.

SEI-022 Field Service Engineer II
Installs, troubleshoots, and maintains products/equipment. Trains employees, identifies, analyzes, and repairs product failures, orders and replaces parts as needed. Determines and recommends which products or services best fit the customers' needs. Requires a bachelor's degree in area of specialty and 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a supervisor or manager.

SEI-023 Field Service Engineer I
Installs, troubleshoots, and maintains products/equipment. Trains employees, identifies, analyzes, and repairs product failures, orders and replaces parts as needed. Determines and recommends which products or services best fit the customers' needs. Requires a bachelor's degree in area of specialty and 0-2 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Typically reports to a supervisor or manager.

SEI-024 Engineer V

Provides expert consultation in one or more areas for the design, development and implementation of technical products and systems. Recognized as technical leader and resource. Recommends alterations and enhancements to improve quality of products and/or procedures. Responsible for all internal activities and product development. Requires a bachelor's degree in engineering and at least 8-10 years of experience in the field or in a related area. Demonstrates expertise in a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. May provide consultation on complex projects and is considered to be the top-level contributor/specialist. A wide degree of creativity and latitude is expected. May report to an executive or a manager.

SEI-025 Engineer IV

Provides expert judgment and analysis for the design, development and implementation of technical products and systems. Resolves highly complex technical issues and conducts advanced research. Recommends alterations to development and design to improve quality of products and/or procedures. Requires a bachelor's degree in engineering and 6-8 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. May report to an executive or a manager.

SEI-026 Engineer III

Responsible for design, development, implementation, and analysis of technical products and systems. Performs engineering design evaluations. May develop a range of products. Recommends alterations to development and design to improve quality of products and/or procedures. Requires a bachelor's degree in engineering and 4-6 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. May report to an executive or a manager.

SEI-027 Engineer II

Responsible for design, development, implementation, and analysis of technical products and systems. Performs engineering design evaluations. May develop a range of products. Recommends alterations to development and design to improve quality of products and/or procedures. Requires a bachelor's degree in engineering and 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. Typically reports to a supervisor or manager.

SEI-028 Engineer I

Responsible for design, development, implementation, and analysis of technical products and systems. Performs engineering design evaluations. May develop a range of products. Recommends alterations to development and design to improve quality of products and/or procedures. May require a bachelor's degree in engineering and 0-2 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Typically reports to a supervisor or manager.

SEI-029 Engineering Aide III

Assists all levels of engineers with their tasks and assignments. May require a high school diploma or its equivalent with at least 5 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. Typically reports to a supervisor or manager. A wide degree of creativity and latitude is expected.

SEI-030 Engineering Aide II

Assists all levels of engineers with their tasks and assignments. May require a high school diploma or its equivalent with 2-5 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a supervisor or manager. A certain degree of creativity and latitude is required.

SEI-031 Engineering Aide I

Assists all levels of engineers with their tasks and assignments. May require a high school diploma or its equivalent

with 0-3 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Primary job functions do not typically require exercising independent judgment. Typically reports to a supervisor or manager.

SEI-032 Consultant II
Bachelor's degree in Computer Science, Engineering, Information Systems, or other related field. Over eight years of progressive experience in participating in large and complex projects. Provides guidance and direction for specific sub-tasks of a project. Specific expertise in one or more of the key areas and knowledgeable in the others. Interfaces with the client on a day-to-day basis. Supports the completion of project specific tasks within estimated time frames and budget constraints. Supports presentations and client meetings.

SEI-033 Consultant I
Bachelor's degree in Computer Science, Engineering, Information Systems, or other related field. Up to four years of progressive experience in participating in large and complex projects. Specific expertise in one or more of the key areas. Interfaces with the client on a day-to-day basis. Supports the completion of project specific tasks within estimated time frames and budget constraints. Supports presentations and client meetings.

SEI-034 IT Architect II
Bachelor's degree in Computer Science, Engineering, Information Systems, or other related field. Over eight years of progressive experience in participating in large and complex projects. Ability to translate client's business requirements into specific system, application or process designs. Interfaces with client personnel and executives to identify functional requirements. Leads less experienced architects in design activities from requirements analysis through systems, application and/or process design specification.

SEI-035 IT Architect I
Bachelor's degree in Computer Science, Engineering, Information Systems, or other related field. Up to four years of progressive experience in participating in large and complex projects. Participates in translation of the client's business requirements into specific system, application or process designs. Functions as a team member with client personnel to identify functional requirements. Participates in a wide range of design activities, from requirements analysis through systems, application and/or process design specification.

SEI-036 IT Specialist II
Bachelor's degree in Computer Science, Engineering, Information Systems, or other related field. Over eight years of progressive experience in participating in large and complex projects. Provides analytical ability and creativity in developing and implementing solution deliverables. Provides technical advice to project managers and team leaders, and gives technical direction to team members. Delivers new and complex high quality solutions to clients in response to varying business requirements.

SEI-037 IT Specialist I
Bachelor's degree in Computer Science, Engineering, Information Systems, or other related field. Up to four years of progressive experience in participating in large and complex projects. Assists in delivery of high quality solutions to clients in response to specific business requirements. Develops technical skills and absorbs professional knowledge quickly. Performs assigned technical tasks including study, analysis, programming, product installation. Has some specific product, technology, or industry-related specialized skills and works with proposals, requirements, designs, implementations and production projects/engagements. May use tools to analyze and implement portions of a customer solution.

SEI-038 Physical Security Analyst

Bachelor's degree or equivalent related experience. Over four years experience in physical security and control standards in relationship to safeguards for the protection of information from theft, modification, or destruction. Conducts formal program evaluations of agency and contractor facilities. Analyzes, designs, and evaluates complex security aspects of operating computer systems. Evaluates established criteria for access controls, storage, reproduction, transmission, and destruction of data. Examines and evaluates the type of hardware used and the vulnerability of information transmitted. Conducts cost benefit and other types of studies of current and contemplated operations to determine the security factors and implications. Recommends measures to reduce or eliminate areas of vulnerability.

SEI-039 Computer Security Specialist

Bachelor's degree or equivalent related experience. Over four years experience in computer security and disaster recovery. Provides highly technical specialized guidance in management, design, development, implementation, and integration of systems applications. Ensures that vital information assets are properly protected from all levels of risk by recognizing all levels or work, using all methods possible to avoid disaster and create effective recovery methods to be used when a disaster occurs. Provides clear and practical methods for assessing all levels of risk of data loss, data theft, and privacy incursion. Presents extensive methods with which effective procedures may be built to protect against all but unpredictable or illogical loss of data.

SEI-040 Database Administrator Specialist

Bachelor's degree in Computer Science, Information Systems, or other related field. Over six years of progressive experience in systems analysis and programming. Provides technical expertise in the analysis, design, development, implementation, and maintenance of database management systems (DBMS) for software application systems.

SEI-041 Trainer/Course Developer

Bachelor's degree or equivalent related experience. Over five years of progressive experience in participating in large and complex projects. Develops course and instructional materials to educate and instruct technical and non-technical personnel. Gathers and assembles information pertaining to subject matter, organizes and condenses material, and prepares course outline, handouts, and visual aid materials.

SEI-042 Configuration Management Specialist

Bachelor's degree in Computer Science, Information Systems, or other related field. Over eight years of progressive experience in systems planning, analysis, design, and development on large and complex projects. Evaluates and develops software standards for designing, coding, testing, validating, and documenting software applications. Evaluates software tools to support software program development including test data generators, debuggers, version control aids, and programmer workbench methodology to include implementation of software applications.

SEI-043 Quality Assurance Specialist

Bachelor's degree in Computer Science, Information Systems, or other related field. Over seven years of progressive experience in systems planning, analysis, design, and development on large and complex projects. Develops and implements quality control methodologies to ensure compliance with quality assurance standards, guidelines, and procedures in an IT organization. Develops and defines characteristics of quality including quality metrics and scoring parameters.

SEI-044 Information Systems Training Specialist III

Organizes, conducts training, and educational programs for information systems or user personnel. Maintains records of training activities, employee progress and program effectiveness. Competent to work in all phases of information systems training. Bachelor's Degree or fifteen years of applicable training related experience. Ten years of directly related experience including management or leadership roles in successful efforts developing training programs, course curriculum, or training methodologies. Demonstrated the ability to lead highly qualified staffs in complex training related projects.

SEI-045 Information Systems Training Specialist II
Organizes, conducts training, and educational programs for information systems or user personnel. Maintains records of training activities, employee progress and program effectiveness. Competent to work in most phases of information systems training under general direction. Bachelor's Degree or eight years of applicable training related experience. Six years of directly related experience including leadership or participant roles in successful efforts developing training programs, course curriculum, or training methodologies. Have demonstrated the ability to contribute to the design of training curricula. Typically reports to a supervisor or manager.

SEI-046 Information Systems Training Specialist I
Organizes, conducts training, and educational programs for information systems or user personnel. Maintains records of training activities, employee progress and program effectiveness. Competent to work in some phases of information systems training under general direction. Bachelor's Degree or four years of applicable training related experience. Two years of directly related training experience including classroom instruction and roles in successful efforts to develop training courses. Typically reports to a supervisor or manager.

SEI-047 Systems Administrator II
Schedules, coordinates, assists, and oversees installations, upgrades, and maintenance. Performs initial configuration and setup of system; monitors system resources daily; makes recommendations for upgrades; and trouble shoots hardware, software, and network problems within the system. Performs system tuning to enhance performance; develops backup schedules according to project and system requirements. Tests new and updated operating system software, system file fixes and major product enhancements. Reconfigures system and COTS software as required. Configures project and user environments; adds, deletes and modifies user accounts and user groups. Configures system security according to all appropriate security regulations and standards. AA or equivalent certified technical training plus three years experience (or BS plus one year) experience administering a large LAN system or in providing installation and operations support of complex network and computer operating systems. Minimum one year as Task Leader.

SEI-048 Systems Administrator I
Monitors system resources daily and trouble shoots hardware, software, and network problems within the system. Tests new and updated operating system software, system file fixes and major product enhancements. Provides technical assistance to identify and analyze critical problems and issues in corporate systems. Reconfigures system and COTS software as required. Configures project and user environments; adds, deletes and modifies user accounts and user groups.

SEI-049 Administrative Assistant II
Conducts administrative duties on a client project and other administrative duties as required. Performs administrative and project support in areas of program management, project control, report generation, scheduling and financial management. Exercises judgment in accomplishing tasking, and works independently. Over six years experience in performing administrative tasks, including familiarity with the Microsoft Office Suite (Word. Excel, and PowerPoint). Must have High School Diploma or equivalent.

SEI-050 Administrative Assistant I
Conducts administrative duties on a client project and other administrative duties as required. Performs administrative and project support in areas of program management, project control, report generation, scheduling and financial management. Exercises judgment in accomplishing tasking, and works under limited supervision. Over three years experience in performing administrative tasks, including familiarity with the Microsoft Office Suite (Word. Excel, and PowerPoint). Must have High School Diploma or equivalent. AA or equivalent certified technical training plus two years experience (or HS plus four years) experience administering a LAN system or in providing installation and operations support of network and computer operating systems.

SIN 54151S GSA LABOR RATES

Labor Category Number	Labor Category	GSA Hourly Rate
SEI-001	Project Engineering Manager	$213.37
SEI-002	Project Engineer III	$175.68
SEI-003	Project Engineer II	$171.83
SEI-004	Project Engineer I	$150.75
SEI-005	CAD Drafter II	$78.84
SEI-006	CAD Drafter I	$72.26
SEI-007	Software Engineering Manager	$200.03
SEI-008	Software Engineer IV	$162.77
SEI-009	Software Engineer III	$141.18
SEI-010	Software Engineer II	$118.78
SEI-011	Software Engineer I	$95.87
SEI-012	Software Support Manager	$170.23
SEI-013	Software Support Engineer III	$138.90
SEI-014	Software Support Engineer II	$109.64
SEI-015	Software Support Engineer I	$87.84
SEI-016	Network Engineer III	$145.59
SEI-017	Network Engineer II	$120.87
SEI-018	Network Engineer I	$100.46
SEI-019	Field Service Engineer V	$164.30
SEI-020	Field Service Engineer IV	$133.25
SEI-021	Field Service Engineer III	$108.43
SEI-022	Field Service Engineer II	$89.05
SEI-023	Field Service Engineer I	$74.08
SEI-024	Engineer V	$177.88
SEI-025	Engineer IV	$153.34
SEI-026	Engineer III	$131.86
SEI-027	Engineer II	$113.62
SEI-028	Engineer I	$94.99
SEI-029	Engineering Aide III	$88.66
SEI-030	Engineering Aide II	$78.41
SEI-031	Engineering Aide I	$65.61

Labor Category Number	Labor Category	GSA Hourly Rate
SEI-032	Consultant II	$159.46
SEI-033	Consultant I	$142.25
SEI-034	IT Architect II	$130.26
SEI-035	IT Architect I	$102.45
SEI-036	IT Specialist II	$120.91
SEI-037	IT Specialist I	$102.45
SEI-038	Physical Security Analyst	$160.03
SEI-039	Computer Security Specialist	$144.35
SEI-040	Database Administrator Specialist	$141.96
SEI-041	Trainer/Course Developer	$167.57
SEI-042	Configuration Management Specialist	$113.80
SEI-043	Quality Assurance Specialist	$120.91
SEI-044	Information Systems Training Specialist III	$130.44
SEI-045	Information Systems Training Specialist II	$117.35
SEI-046	Information Systems Training Specialist I	$99.57
SEI-047	Systems Administrator II	$164.33
SEI-048	Systems Administrator I	$128.63
SEI-049	Administrative Assistant II	$106.69
SEI-050	Administrative Assistant I	$88.90

SIN 541519PIV LABOR CATEGORY DESCRIPTIONS

SEI-001 Project Engineering Manager
Plans and directs all specialized engineers working on a specific HSPD-12 PIV project/projects. Manages the development, implementation, and evaluation of complex designs, product construction and testing in order to ensure completion of project as efficiently and effectively as possible. Extensive experience in managing complex integration for multiple HSPD-12 PIV implementations requiring identity validation. Requires a bachelor's degree in area of specialty and at least 7 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to a head of a unit/department.

SEI-002 Project Engineer III
Responsible for the completion of long-term HSPD-12 PIV engineering projects. Performs engineering design evaluations and works to complete projects within budget and scheduling restraints. Develops, implements, and monitors information systems policies and controls to ensure data accuracy, security, and regulatory compliance for PIV systems. Reviews reports of computer and peripheral equipment production, malfunction, and maintenance to determine and address problems. Requires a bachelor's degree and 6-8 years of experience in the field or in a related area. May require ongoing training in network/telecom seminars. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a supervisor or manager.

SEI-003 Project Engineer II
Responsible for the completion of long-term HSPD-12 PIV engineering projects. Performs engineering design evaluations and works to complete projects within budget and scheduling restraints. Develops, implements, and monitors information systems policies and controls to ensure data accuracy, security, and regulatory compliance for PIV systems. Reviews reports of computer and peripheral equipment production, malfunction, and maintenance to determine and address problems. Requires a bachelor's degree and 4-6 years of experience in the field or in a related area. May require ongoing training in network/telecom seminars. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a supervisor or manager.

SEI-004 Project Engineer I
Responsible for the completion of long-term HSPD-12 PIV engineering projects. Performs engineering design evaluations and works to complete projects within budget and scheduling restraints. Develops, implements, and monitors information systems policies and controls to ensure data accuracy, security, and regulatory compliance for PIV systems. Reviews reports of computer and peripheral equipment production, malfunction, and maintenance to determine and address problems. Requires a bachelor's degree and 0-2 years of experience in the field or in a related area. May require ongoing training in network/telecom seminars. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a supervisor or manager.

SEI-006 CAD Drafter II
Transforms initial rough product designs using computer-aided design (CAD) into working documents in a HSPD-12 PIV implementation environment. Reviews engineering drawing and designs to ensure adherence to established specifications and standards. May require an associate's degree in a related area and at least 4 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May direct and lead the work of others. Typically reports to a manager or head of a unit/department. A wide degree of creativity and latitude is expected.

SEI-005 CAD Drafter I

Transforms initial rough product designs using computer-aided design (CAD) into working documents in a HSPD-12 PIV implementation environment. Reviews engineering drawing and designs to ensure adherence to established specifications and standards. May require an associate's degree in a related area and 0-2 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Primary job functions do not typically require exercising independent judgment. Typically reports to a supervisor or manager.

SEI-007 Software Engineering Manager

Manages a team of software engineers to architect, design enterprise software products/operating systems for HSPD-12 PIV implementations. Writes product requirement documents, implements and tracks development timelines, negotiates feature sets with the development leads and product. Extensive experience with software interface requiring authentication and validation. Requires a bachelor's degree in a related area and at least 7 years of experience with software development in Java and C++, strong relational database knowledge. Knowledge of e-commerce infrastructure, customer relationship management, data warehousing, and business intelligence. Generally manages a group of software developers/engineers. Relies on experience and judgment to plan and accomplish goals. Typically reports to a senior manager.

SEI-008 Software Engineer IV

Designs, modifies, develops, writes and implements software programming applications for HSPD-12 PIV implementations. Supports and/or installs software applications/operating systems. Extensive experience with software interface requiring authentication and validation. Extensive experience with software interface requiring authentication and validation. Participates in the testing process through test review and analysis, test witnessing and certification of software. Designs, plans, and coordinates work teams. Provides technical support to project team members. Requires a bachelor's degree in a related area and 6-8 years of experience in the field. Familiar with a variety of the field's concepts, practices, and procedures. Generally manages a group of software developers/engineers. Relies on experience and judgment to plan and accomplish goals. Typically reports to a senior manager.

SEI-009 Software Engineer III

Designs, modifies, develops, writes and implements software programming applications for HSPD-12 PIV implementations. Supports and/or installs software applications/operating systems. Participates in the testing process through test review and analysis, test witnessing and certification of software. Requires a bachelor's degree in a related area and 4-6 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. May report directly to a project lead or manager. A wide degree of creativity and latitude is expected.

SEI-010 Software Engineer II

Designs, modifies, develops, writes and implements software programming applications for HSPD-12 PIV implementations. Supports and/or installs software applications/operating systems. Participates in the testing process through test review and analysis, test witnessing and certification of software. Requires a bachelor's degree in a related area and 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a manager. A certain degree of creativity and latitude is required.

SEI-011 Software Engineer I

Designs, modifies, develops, writes and implements software programming applications for HSPD-12 PIV implementations. Supports and/or installs software applications/operating systems. Participates in the testing process through test review and analysis, test witnessing and certification of software. Requires a bachelor's degree in a related area and 0-2 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Primary job functions do not typically require exercising independent judgment. Typically reports to a manager.

SEI-012 Software Support Manager

Oversees software support staff in a HSPD-12 PIV environment. Manages department budget to ensure goals are met. Establishes and maintains relationships with engineering and software development. Extensive experience in supporting multiple platform systems. Provides advanced troubleshooting skills to resolve technical problems. Researches, reports and corrects any quality assurance issues. Requires a bachelor's degree and 6-8 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to a head of a unit/department.

SEI-013 Software Support Engineer III

Troubleshoots and develops technical solutions related to software and setup errors for field engineers, technicians, and customers in a HSPD-12 PIV environment. Extensive experience in supporting multiple platform systems. Creates workaround procedures when standard procedures have failed and ensures issues are resolved in a timely fashion. Escalates urgent problems requiring more in-depth knowledge to appropriate internal resources. Requires a bachelor's degree in area of specialty and 4-6 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a manager.

SEI-014 Software Support Engineer II

Troubleshoots and develops technical solutions related to software and setup errors for field engineers, technicians, and customers in a HSPD-12 PIV environment. Creates workaround procedures when standard procedures have failed and ensures issues are resolved in a timely fashion. Escalates urgent problems requiring more in-depth knowledge to appropriate internal resources. Requires a bachelor's degree in area of specialty and 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a supervisor or manager.

SEI-015 Software Support Engineer I

Troubleshoots and develops technical solutions related to software and setup errors for field engineers, technicians, and customers in a HSPD-12 PIV environment. Creates workaround procedures when standard procedures have failed and ensures issues are resolved in a timely fashion. Escalates urgent problems requiring more in-depth knowledge to appropriate internal resources. Requires a bachelor's degree in area of specialty and 0-2 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a supervisor or manager.

SEI-016 Network Engineer III

Assists in the development and maintenance of network communications in a HSPD-12 PIV environment. Has a full understanding of biometric and other means network user authentication and validation. Uses knowledge of LAN/WAN systems to help design and install internal and external networks. Tests and evaluates network systems to eliminate problems and make improvements. May require a bachelor's degree and at least 5 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a supervisor or manager.

SEI-017 Network Engineer II
Assists in the development and maintenance of network communications in a HSPD-12 PIV environment. Uses knowledge of LAN/WAN systems to help design and install internal and external networks. Has a full understanding of biometric and other means network user authentication and validation. Tests and evaluates network systems to eliminate problems and make improvements. Requires a bachelor's degree in area of specialty and 2-5 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a supervisor.

SEI-018 Network Engineer I
Assists in the development and maintenance of network communications in a HSPD-12 PIV environment. Uses knowledge of LAN/WAN systems to help design and install internal and external networks. Tests and evaluates network systems to eliminate problems and make improvements. Requires a bachelor's degree in area of specialty and 0-2 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Typically reports to a supervisor.

SEI-019 Field Service Engineer V
Installs, troubleshoots, and maintains products/equipment in a HSPD-12 PIV environment. Has extensive experience in access control, intrusion detection, and network authentication systems. Trains employees, identifies, analyzes, and repairs product failures, orders and replaces parts as needed. Determines and recommends which products or services best fit the customers' needs. Requires a bachelor's degree in area of specialty and 8-10 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. May provide consultation on complex projects and is considered to be the top-level contributor/specialist. Typically reports to a manager or head of a unit/department.

SEI-020 Field Service Engineer IV
Installs, troubleshoots, and maintains products/equipment in a HSPD-12 PIV environment. Has extensive experience in access control, intrusion detection, and network authentication systems. Trains employees, identifies, analyzes, and repairs product failures, orders and replaces parts as needed. Determines and recommends which products or services best fit the customers' needs. Requires a bachelor's degree in area of specialty and 6-8 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department.

SEI-021 Field Service Engineer III
Installs, troubleshoots, and maintains products/equipment in a HSPD-12 PIV environment. Has extensive experience in access control, intrusion detection, and network authentication systems. Trains employees, identifies, analyzes, and repairs product failures, orders and replaces parts as needed. Determines and recommends which products or services best fit the customers' needs. Requires a bachelor's degree in area of specialty and 4-6 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department.

SEI-022 Field Service Engineer II
Installs, troubleshoots, and maintains products/equipment in a HSPD-12 PIV environment. Trains employees, identifies, analyzes, and repairs product failures, orders and replaces parts as needed. Determines and recommends which products or services best fit the customers' needs. Requires a bachelor's degree in area of specialty and 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a supervisor or manager.

SEI-023 Field Service Engineer I
Installs, troubleshoots, and maintains products/equipment in a HSPD-12 PIV environment. Trains employees, identifies, analyzes, and repairs product failures, orders and replaces parts as needed. Determines and recommends

which products or services best fit the customers' needs. Requires a bachelor's degree in area of specialty and 0-2 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Typically reports to a supervisor or manager.

SEI-024 Engineer V

Provides expert consultation in one or more areas for the design, development and implementation of HSPD-12 PIV products and systems. Has extensive experience in the design and development of PIV Systems. Recognized as technical leader and resource. Recommends alterations and enhancements to improve quality of products and/or procedures. Responsible for all internal activities and product development. Requires a bachelor's degree in engineering and at least 8-10 years of experience in the field or in a related area. Demonstrates expertise in a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. May provide consultation on complex projects and is considered to be the top-level contributor/specialist. A wide degree of creativity and latitude is expected. May report to an executive or a manager.

SEI-025 Engineer IV

Provides expert judgment and analysis for the design, development and implementation of HSPD-12 PIV products and systems. Has extensive experience in the design and development of PIV Systems. Resolves highly complex technical issues and conducts advanced research. Recommends alterations to development and design to improve quality of products and/or procedures. Requires a bachelor's degree in engineering and 6-8 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. May report to an executive or a manager.

SEI-026 Engineer III

Responsible for design, development, implementation, and analysis of HSPD-12 PIV products and systems. Has extensive experience in the design and development of PIV Systems. Performs engineering design evaluations. May develop a range of products. Recommends alterations to development and design to improve quality of products and/or procedures. Requires a bachelor's degree in engineering and 4-6 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. May report to an executive or a manager.

SEI-027 Engineer II

Responsible for design, development, implementation, and analysis of HSPD-12 PIV products and systems. Performs engineering design evaluations. May develop a range of products. Recommends alterations to development and design to improve quality of products and/or procedures. Requires a bachelor's degree in engineering and 2-4 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. Typically reports to a supervisor or manager.

SEI-028 Engineer I

Responsible for design, development, implementation, and analysis of HSPD-12 PIV products and systems. Performs engineering design evaluations. May develop a range of products. Recommends alterations to development and design to improve quality of products and/or procedures. May require a bachelor's degree in engineering and 0-2 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Typically reports to a supervisor or manager.

SEI-029 Engineering Aide III
Assists all levels of engineers with their tasks and assignments in a HSPD-12 PIV environment. May require a high school diploma or its equivalent with at least 5 years of experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. Typically reports to a supervisor or manager. A wide degree of creativity and latitude is expected.

SEI-030 Engineering Aide II
Assists all levels of engineers with their tasks and assignments in a HSPD-12 PIV environment. May require a high school diploma or its equivalent with 2-5 years of experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a supervisor or manager. A certain degree of creativity and latitude is required.

SEI-031 Engineering Aide I
Assists all levels of engineers with their tasks and assignments in a HSPD-12 PIV environment. May require a high school diploma or its equivalent with 0-3 years of experience in the field or in a related area. Has knowledge of commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Primary job functions do not typically require exercising independent judgment. Typically reports to a supervisor or manager.

SEI-032 Consultant II
Bachelor's degree in Computer Science, Engineering, Information Systems, or other related field. Over eight years of progressive experience in participating in large and complex HSPD-12 PIV projects. Provides guidance and direction for specific sub-tasks of a HSPD-12 PIV implementation. Specific expertise in one or more of the key areas and knowledgeable in the others. Interfaces with the client on a day-to-day basis. Supports the completion of project specific tasks within estimated time frames and budget constraints. Supports presentations and client meetings.

SEI-033 Consultant I
Bachelor's degree in Computer Science, Engineering, Information Systems, or other related field. Up to four years of progressive experience in participating in large and complex HSPD-12 PIV projects. Supports specific sub-tasks of a HSPD-12 PIV implementation. Specific expertise in one or more of the key areas. Interfaces with the client on a day-to-day basis. Supports the completion of project specific tasks within estimated time frames and budget constraints. Supports presentations and client meetings.

SEI-034 IT Architect II
Bachelor's degree in Computer Science, Engineering, Information Systems, or other related field. Over eight years of progressive experience in participating in large and complex projects. Ability to translate client's business requirements into specific system, application or process designs for a HSPD-12 PIV implementation. Interfaces with client personnel and executives to identify functional requirements. Leads less experienced architects in design activities from requirements analysis through systems, application and/or process design specification.

SEI-035 IT Architect I
Bachelor's degree in Computer Science, Engineering, Information Systems, or other related field. Up to four years of progressive experience in participating in large and complex projects. Participates in translation of the client's business requirements into specific system, application or process designs for a HSPD-12 PIV implementation. Functions as a team member with client personnel to identify functional requirements. Participates in a wide range of design activities, from requirements analysis through systems, application and/or process design specification.

SEI-036 IT Specialist II
Bachelor's degree in Computer Science, Engineering, Information Systems, or other related field. Over eight years of progressive experience in participating in large and complex projects. Provides analytical ability and creativity in developing and implementing solution deliverables for a HSPD-12 PIV implementation. Provides technical advice to project managers and team leaders, and gives technical direction to team members. Delivers new and complex high quality solutions to clients in response to varying business requirements.

SEI-037 IT Specialist I

Bachelor's degree in Computer Science, Engineering, Information Systems, or other related field. Up to four years of progressive experience in participating in large and complex projects. Assists in delivery of high quality solutions to clients in response to specific business requirements for a HSPD-12 PIV implementation. Develops technical skills and absorbs professional knowledge quickly. Performs assigned technical tasks including study, analysis, programming, product installation. Has some specific product, technology, or industry-related specialized skills and works with proposals, requirements, designs, implementations and production projects/engagements. May use tools to analyze and implement portions of a customer solution.

SEI-038 Physical Security Analyst

Bachelor's degree or equivalent related experience. Have extensive experience with access control intrusion detection and CCTV integration. Over four years experience in physical security and control standards in relationship to safeguards for the protection of information from theft, modification, or destruction. Conducts formal program evaluations of agency and contractor facilities. Analyzes, designs, and evaluates complex security aspects of operating computer systems in a HSPD-12 PIV environment. Evaluates established criteria for access controls, storage, reproduction, transmission, and destruction of data. Examines and evaluates the type of hardware used and the vulnerability of information transmitted. Conducts cost benefit and other types of studies of current and contemplated operations to determine the security factors and implications. Recommends measures to reduce or eliminate areas of vulnerability.

SEI-039 Computer Security Specialist

Bachelor's degree or equivalent related experience. Has extensive experience in multiple authentication requirement for system access. Over four years experience in computer security and disaster recovery. Provides highly technical specialized guidance in management, design, development, implementation, and integration of systems applications in a HSPD-12 PIV environment. Ensures that vital information assets are properly protected from all levels of risk by recognizing all levels or work, using all methods possible to avoid disaster and create effective recovery methods to be used when a disaster occurs. Provides clear and practical methods for assessing all levels of risk of data loss, data theft, and privacy incursion. Presents extensive methods with which effective procedures may be built to protect against all but unpredictable or illogical loss of data.

SEI-040 Database Administrator Specialist

Bachelor's degree in Computer Science, Information Systems, or other related field. Has extensive experience in multiple authentication requirement for system access. Over six years of progressive experience in systems analysis and programming. Provides technical expertise in the analysis, design, development, implementation, and maintenance of database management systems (DBMS) for software application systems in a HSPD-12 PIV environment.

SEI-041 Trainer/Course Developer

Bachelor's degree or equivalent related experience. Have extensive experience in developing courses to PIV components (such as automated document authenticators, fingerprint verification, etc.). Over five years of progressive experience in participating in large and complex projects. Develops course and instructional materials to educate and instruct technical and non-technical personnel. Gathers and assembles information pertaining to subject matter, organizes and condenses material, and prepares course outline, handouts, and visual aid materials.

SEI-042 Configuration Management Specialist

Bachelor's degree in Computer Science, Information Systems, or other related field. Over eight years of progressive experience in systems planning, analysis, design, and development on large and complex projects. Evaluates and develops software standards for designing, coding, testing, validating, and documenting software applications for a HSPD-12 PIV implementation. Evaluates software tools to support software program development including test data generators, debuggers, version control aids, and programmer workbench methodology to include implementation of software applications.

SEI-043 Quality Assurance Specialist
Bachelor's degree in Computer Science, Information Systems, or other related field. Over seven years of progressive experience in systems planning, analysis, design, and development on large and complex projects. Develops and implements quality control methodologies to ensure compliance with quality assurance standards, guidelines, and procedures for a HSPD-12 PIV implementation. Develops and defines characteristics of quality including quality metrics and scoring parameters.

SEI-044 Information Systems Training Specialist III
Organizes, conducts training, and educational programs for information systems or user personnel in a HSPD-12 PIV environment. Maintains records of training activities, employee progress and program effectiveness. Competent to work in all phases of information systems training. Bachelor's Degree or fifteen years of applicable training related experience. Ten years of directly related experience including management or leadership roles in successful efforts developing training programs, course curriculum, or training methodologies. Demonstrated the ability to lead highly qualified staffs in complex training related projects.

SEI-045 Information Systems Training Specialist II
Organizes, conducts training, and educational programs for information systems or user personnel in a HSPD-12 PIV environment. Maintains records of training activities, employee progress and program effectiveness. Competent to work in most phases of information systems training under general direction. Bachelor's Degree or eight years of applicable training related experience. Six years of directly related experience including leadership or participant roles in successful efforts developing training programs, course curriculum, or training methodologies. Have demonstrated the ability to contribute to the design of training curricula. Typically reports to a supervisor or manager.

SEI-046 Information Systems Training Specialist I
Organizes, conducts training, and educational programs for information systems or user personnel in a HSPD-12 PIV environment. Maintains records of training activities, employee progress and program effectiveness. Competent to work in some phases of information systems training under general direction. Bachelor's Degree or four years of applicable training related experience. Two years of directly related training experience including classroom instruction and roles in successful efforts to develop training courses. Typically reports to a supervisor or manager.

SEI-047 Systems Administrator II
Schedules, coordinates, assists, and oversees installations, upgrades, and maintenance for a HSPD-12 PIV implementation. Performs initial configuration and setup of system; monitors system resources daily; makes recommendations for upgrades; and trouble shoots hardware, software, and network problems within the system. Performs system tuning to enhance performance; develops backup schedules according to project and system requirements. Tests new and updated operating system software, system file fixes and major product enhancements. Reconfigures system and COTS software as required. Configures project and user environments; adds, deletes and modifies user accounts and user groups. Configures system security according to all appropriate security regulations and standards. AA or equivalent certified technical training plus three years experience (or BS plus one year) experience administering a large LAN system or in providing installation and operations support of complex network and computer operating systems. Minimum one year as Task Leader.

SEI-048 Systems Administrator I
Monitors system resources daily and trouble shoots hardware, software, and network problems in a HSPD-12 PIV environment. Tests new and updated operating system software, system file fixes and major product enhancements. Provides technical assistance to identify and analyze critical problems and issues in corporate systems. Reconfigures system and COTS software as required. Configures project and user environments; adds, deletes and modifies user accounts and user groups.

SEI-049 Administrative Assistant II
Conducts administrative duties on a HSPD-12 PIV project and other administrative duties as required. Performs administrative and project support in areas of program management, project control, report generation, scheduling and financial management. Exercises judgment in accomplishing tasking, and works independently. Over six years experience in performing administrative tasks, including familiarity with the Microsoft Office Suite (Word. Excel, and PowerPoint). Must have High School Diploma or equivalent.

SEI-050 Administrative Assistant I
Conducts administrative duties on a HSPD-12 PIV project and other administrative duties as required. Performs administrative and project support in areas of program management, project control, report generation, scheduling and financial management. Exercises judgment in accomplishing tasking, and works under limited supervision. Over three years experience in performing administrative tasks, including familiarity with the Microsoft Office Suite (Word. Excel, and PowerPoint). Must have High School Diploma or equivalent. AA or equivalent certified technical training plus two years experience (or HS plus four years) experience administering a LAN system or in providing installation and operations support of network and computer operating systems.

SEI-051 Fire Alarm System Tech IV
Must possess the basic skills of Fire Alarm Tech III. Organizes and directs network or hardware installations. Assesses and documents current site network configuration and user requirements. Directs and leads preparation of engineering plans and site installation technical design packages. Develops installation schedules. Mobilizes installation team. Directs and leads preparation of drawings documenting configuration changes at each site. Prepares IT site installation and test reports. Coordinates post installation operations and maintenance support. Candidate will possess 6 years of experience as a technician and/or education and training.

SEI-052 Fire Alarm System Tech III
Must possess the basic skills of Fire Alarm Tech II. Independently conducts site surveys. Assesses and documents current site network configuration and user requirements. Follows engineering plans and site installation Technical Design Packages. Develops installation schedules. Works with network installation team. Prepares of drawing and documenting configuration changes at the site. Prepares IT site installation and test reports. Candidate will possess 4 years of experience as a technician and/or education and training.

SEI-053 Fire Alarm System Tech II
Must possess the basic skills of Fire Alarm Tech I. Conducts site surveys. Assesses and documents current site network configuration and user requirements. Follows engineering plans and site installation Technical Design Packages. Develops installation schedules. Works with network installation team. Prepares of drawing and documenting configuration changes at the site. Prepares of IT site installation and test reports. Candidate will possess 3 years of experience as a technician and/or education and training.

SEI-054 Fire Alarm System Tech I
Must possess a basic working knowledge of fire alarm systems, their components and troubleshooting (2 or more years experience). Must possess NICET Level I certification or be able to attain within one year of employment. Must have a strong background in electronics, with experience (2 or more years) with Commercial Fire Systems. Must possess a basic understanding of MS Windows and Office Suite. Must be able to work independently, is trustworthy, reliable, and focused on customer service.

SEI-S055 System Tech IV
Must possess the basic skills of System Tech III. Organizes and directs network or hardware installations. Assesses and documents current site network configuration and user requirements. Directs and leads preparation of engineering plans and site installation technical design packages. Develops installation schedules. Mobilizes installation team. Directs and leads preparation of drawings documenting configuration changes at each site. Prepares IT site installation and test reports. Coordinates post installation operations and maintenance support. Candidate will possess 6 years of experience as a technician and/or education and training.

SEI-S056 System Tech III

Must possess the basic skills of System Tech II. Independently conducts site surveys. Assesses and documents current site network configuration and user requirements. Follows engineering plans and site installation Technical Design Packages. Develops installation schedules. Works with network installation team. Prepares of drawing and documenting configuration changes at the site. Prepares IT site installation and test reports. Candidate will possess 4 years of experience as a technician and/or education and training.

SEI-S057 System Tech II

Must possess the basic skills of System Tech I. Conducts site surveys. Assesses and documents current site network configuration and user requirements. Follows engineering plans and site installation Technical Design Packages. Develops installation schedules. Works with network installation team. Prepares of drawing and documenting configuration changes at the site. Prepares of IT site installation and test reports. Candidate will possess 3 years of experience as a technician and/or education and training.

SEI-S058 System Tech I

Must possess a basic working knowledge of security systems, their components and troubleshooting (2 or more years experience). Must possess Apprentice Level I certification or be able to attain within one year of employment. Must have a strong background in electronics, with experience (2 or more years) with Commercial Security Systems. Must possess a basic understanding of MS Windows and Office Suite. Must be able to work independently, is trustworthy, reliable, and focused on customer service.

SIN 541519PIV GSA LABOR RATES

Labor Category Number	Labor Category	GSA Hourly Rate
SEI-001	Project Engineering Manager	$213.37
SEI-002	Project Engineer III	$175.68
SEI-003	Project Engineer II	$171.83
SEI-004	Project Engineer I	$150.75
SEI-005	CAD Drafter II	$78.84
SEI-006	CAD Drafter I	$72.26
SEI-007	Software Engineering Manager	$200.03
SEI-008	Software Engineer IV	$162.77
SEI-009	Software Engineer III	$141.18
SEI-010	Software Engineer II	$118.78
SEI-011	Software Engineer I	$95.87
SEI-012	Software Support Manager	$170.23
SEI-013	Software Support Engineer III	$138.90
SEI-014	Software Support Engineer II	$109.64
SEI-015	Software Support Engineer I	$87.84
SEI-016	Network Engineer III	$145.59
SEI-017	Network Engineer II	$120.87
SEI-018	Network Engineer I	$100.46
SEI-019	Field Service Engineer V	$164.30
SEI-020	Field Service Engineer IV	$133.25
SEI-021	Field Service Engineer III	$108.43
SEI-022	Field Service Engineer II	$89.05
SEI-023	Field Service Engineer I	$74.08
SEI-024	Engineer V	$177.88
SEI-025	Engineer IV	$153.34
SEI-026	Engineer III	$131.86
SEI-027	Engineer II	$113.62
SEI-028	Engineer I	$94.99
SEI-029	Engineering Aide III	$88.66
SEI-030	Engineering Aide II	$78.41
SEI-031	Engineering Aide I	$65.61

Labor Category Number	Labor Category	GSA Hourly Rate
SEI-032	Consultant II	$159.46
SEI-033	Consultant I	$142.25
SEI-034	IT Architect II	$130.26
SEI-035	IT Architect I	$102.45
SEI-036	IT Specialist II	$120.91
SEI-037	IT Specialist I	$102.45
SEI-038	Physical Security Analyst	$160.03
SEI-039	Computer Security Specialist	$144.35
SEI-040	Database Administrator Specialist	$141.96
SEI-041	Trainer/Course Developer	$167.57
SEI-042	Configuration Management Specialist	$113.80
SEI-043	Quality Assurance Specialist	$120.91
SEI-044	Information Systems Training Specialist III	$130.44
SEI-045	Information Systems Training Specialist II	$117.35
SEI-046	Information Systems Training Specialist I	$99.57
SEI-047	Systems Administrator II	$164.33
SEI-048	Systems Administrator I	$128.63
SEI-049	Administrative Assistant II	$106.69
SEI-050	Administrative Assistant I	$88.90
SEI-051	Fire Alarm System Tech IV	$113.80
SEI-052	Fire Alarm System Tech III	$99.57
SEI-053	Fire Alarm System Tech II	$85.35
SEI-054	Fire Alarm System Tech I	$71.12
SEI-055	System Tech IV	$113.80
SEI-056	System Tech III	$99.57
SEI-057	System Tech II	$85.35
SEI-058	System Tech I	$71.12