



INTELLIGENCE, COMMUNICATIONS, AND  
ENGINEERING, INC. (ICE, Inc.)

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GENERAL SERVICES ADMINISTRATION



Federal Supply Service  
Authorized Federal Supply Schedule Price List  
Supplement No. 002, July 05, 2016

PROFESSIONAL SERVICES SCHEDULE

INTELLIGENCE, COMMUNICATIONS, AND  
ENGINEERING, INC. (ICE, Inc.)

1850 Paseo San Luis  
Sierra Vista, AZ 85635-4612

PHONE: (520) 458-4321

FAX: (520) 458-1406

OTHER THAN SMALL BUSINESS, SDB, SERVICE DISABLED VETERAN OWNED

[www.ICEINC-PS.COM](http://www.ICEINC-PS.COM)

Contract Number: GS-00F-0022Y

Contract period: April 1, 2012 - March 31, 2021

Pricelist Current through Modification 0021 dated 06/30/2016

Solicitation Number: FCO00CORP0000C Refresh 24 dated February 6, 2016

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 of GSA Advantage!® is: [www.GSAAvantage.gov](http://www.GSAAvantage.gov). For more information on ordering from Federal Supply Schedules, click on the FSS Schedules button at [fss.gsa.gov](http://fss.gsa.gov).

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## **INTELLIGENCE, COMMUNICATIONS, AND ENGINEERING, INC. (ICE)**

Other than Small Business headquartered in Sierra Vista, AZ (Fort Huachuca)  
Certified SBA SDVSOB, SDB  
Cage Code: 4KTY3  
DUNS: 787000269

### Capabilities:

- Program Management
- Training Support to Intelligence and Signal Centers
- Intelligence Operational Support
- Communications Engineering and Installation
- Communications Operations and Maintenance
- Software and Systems Engineering
- Operational and Developmental Testing Support
- Managed IT Services
- Business Services

WEBSITE: [WWW.ICEINC-PS.COM](http://WWW.ICEINC-PS.COM) | [INFO@ICEINC.US.COM](mailto:INFO@ICEINC.US.COM)

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## 1 CUSTOMER INFORMATION

### 1.1 Awarded Special Item Numbers (SINs)

SIN	PSC/PSC Codes	ITEM DESCRIPTIONS	AWARDED PRICES
874-1, 874-1RC	R499	MOBIS Integrated Consulting Services	See Table 1
874-4, 874-4RC	U006	MOBIS Training Services: Instructor Led Training, Web Based Training and Education Course Development and Test Admin, Learning Management, Internships	See Table 1
C132-51, C132-51RC	D399	Schedule 70 IT Professional Services	See Table 1
871-2, 871-2RC	R425	PES Concept Development & Requirements Analysis	See Table 1
871-3, 871-3RC	R425	PES System Design, Engineering & Integration	See Table 1

Table 1 ICE, Inc. Awarded SINs

### 1.2 Prices

See Table 2

### 1.3 Labor Categories Descriptions

See Table 3

## 2 Maximum Order

There is no overall limitation on the size of any order under this contract. However, any Customer Agency which seeks further discounts may request one for any order amount placed in excess of the “maximum order” amount designated by GSA for each SIN in this contract and listed below. When an agency order exceeds this amount, it is recommended that the ordering activity contact the contractor for further discounts.

SIN	MAXIMUM ORDER
874-1, 874-1RC	\$1,000,000.00
874-4, 874-4RC	\$1,000,000.00
C132-51, C132-51RC, 132-51STLOC	\$1,000,000.00
871-2, 871-2RC	\$1,000,000.00
871-3, 871-3RC	\$1,000,000.00



### **3 Minimum Order**

The minimum order is \$100.00.

### **4 Geographic Coverage (delivery area)**

Domestic (CONUS US plus Alaska, Hawaii, Puerto Rico, and Washington DC) and International.

### **5 Point(s) of Production**

Not Applicable

### **6 Discount**

Discounts from List Price or Statement of Net Price: All prices shown are net of any discount.

### **7 Quantity Discounts**

ICE, Inc. offers no quantity (i.e. number of units) discounts.

ICE, Inc. offers the following volume discounts for individual orders under GSA:

\$1,000,000 - \$1,999,999 ->Total of 1% additional discount on all GSA Schedule labor

\$2,000,000 - \$2,999,999 ->Total of 2% additional discount on all GSA Schedule labor

\$3,000,000 and over ->Total of 3% additional discount on all GSA Schedule labor

Note: Discounts applicable only at time of initial task order bid and award. Incremental modifications post award which add volume over \$1M may not qualify for discounts shown above.

### **8 Prompt Payment Terms**

None.

Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.

### **9 Government Purchase Cards**

(a). Will be accepted at or below the micro purchase amount.

(b). Will not be accepted above the micro purchase amount.

### **10 Foreign Items**

N/A

### **11 Delivery**

(a). Time of Delivery

ICE, Inc. goal is to respond to all inquiries within 24 hours of receipt and in a timeframe no more than five (5) business days. Specific delivery dates for services will be as designated in each contract / order and will reflect the mutual agreement of the customer and ICE, Inc.



(b). Expedited Delivery

Items available for expedited delivery are noted in this price list.

Please contact ICE, Inc. Headquarters (520-458-4321) and ask for the GSA point of contact if urgent delivery of services is required and ICE, Inc. will make every attempt to expedite delivery.

(c). Overnight and 2-day Delivery

N/A

(d). Urgent Requirements

Please see clause I-FSS-140-B, Urgent Requirements (JAN 1994) of schedule GS-00F-0022Y.

If urgent delivery of services is required, please contact ICE, Inc. Headquarters (520-458-4321) and ask for the GSA point of contact and ICE, Inc. will make every attempt to address these requirements.

## **12 F.O.B. Point (s)**

Destination

## **13 ORDERING**

(a). ORDERING ADDRESS

[gsaorders@iceinc.us.com](mailto:gsaorders@iceinc.us.com)

or call Deanna O'Connor,  
Proposal Manager 402-261-2931

For mailed orders, the postal mailing address where paper form orders should be mailed is:

ICE, Inc.  
1850 Paseo San Luis  
Sierra Vista, AZ  
85635-4612  
Attn: GSA Orders

(b). ORDERING PROCEDURES

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

## **14 PAYMENT ADDRESS:**

If the ordering activity elects to make payment by check, payments should be mailed to:

ICE, Inc.  
1850 Paseo San Luis  
Sierra Vista, AZ 85635-4612



Attn: Accounting Dept.

## **15 WARRANTY PROVISION**

Not Applicable. ICE, Inc. will apply best effort / best commercial practices for delivery of services.

## **16 EXPORT PACKING CHARGES**

Not applicable

## **17 TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE**

The Government Purchase Card is accepted with no discount. See paragraph 9.

## **18 TERMS AND CONDITIONS OF RENTAL, MAINTENANCE AND REPAIR**

Not applicable to the awarded SINs.

## **19 TERMS AND CONDITIONS OF INSTALLATION**

Not applicable to the awarded SINs.

## **20 TERMS AND CONDITIONS OF REPAIR PARTS**

Not applicable to the awarded SINs.

### **(a) TERMS AND CONDITIONS FOR ANY OTHER SERVICES**

Not applicable to the awarded SINs.

## **21 LIST OF SERVICE AND DISTRIBUTION POINTS**

Not applicable to the awarded SINs.

## **22 LIST OF PARTICIPATING DEALERS**

Not applicable to the awarded SINs.

## **23 PREVENTIVE MAINTENANCE**

Not applicable to the awarded SINs.



## **24 SPECIALS**

### **(a) SPECIAL ATTRIBUTES**

Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants) --- Not applicable to the awarded SINs.

### **(b) SECTION 508 COMPLIANCE**

Not applicable

## **25 DUNS Number:**

Data Universal Numbering System (DUNS) Number: 787000269

## **26 SAM REGISTRATION**

Contractor has registered with the System for Award Management (SAM) (formerly called the Central Contractor Registration or CCR) Database.



*Table 2 ICE, Inc. Labor Pricing for GSA Consolidated Schedule*

SIN	Labor Category	FROM	Year 6	Year 7	Year 8	Year 9	Year 10
		TO	6/9/2016	7/1/2017	7/1/2018	7/1/2019	7/1/2020
			6/30/2017	6/30/2018	6/30/2019	6/30/2020	6/30/2021
C132-51	SW1: Senior Program Manager		\$ 139.76	\$ 142.56	\$ 145.41	\$ 148.31	\$ 151.28
C132-51	SW2: Sr. IT Sys. Develop. Engr.		\$ 125.72	\$ 128.23	\$ 130.79	\$ 133.41	\$ 136.08
C132-51	SW3: Programmer		\$ 78.07	\$ 79.63	\$ 81.22	\$ 82.85	\$ 84.51
C132-51	SW4: Senior SW Support Engineer		\$ 125.68	\$ 128.20	\$ 130.76	\$ 133.38	\$ 136.04
C132-51	SW5: Senior Software Integrator		\$ 115.57	\$ 117.88	\$ 120.23	\$ 122.64	\$ 125.09
C132-51	SW6: Senior IT Systems Analyst		\$ 118.55	\$ 120.93	\$ 123.34	\$ 125.81	\$ 128.33
C132-51	SW7: IT Systems Analyst		\$ 84.81	\$ 86.51	\$ 88.24	\$ 90.00	\$ 91.80
C132-51	SW8: Sr. IT Systems Administrator		\$ 101.12	\$ 103.15	\$ 105.21	\$ 107.31	\$ 109.46
C132-51	SW9: Jr. Database Admin. Specialist		\$ 59.15	\$ 60.33	\$ 61.54	\$ 62.77	\$ 64.03
C132-51	SW10: Help Desk Manager		\$ 62.85	\$ 64.11	\$ 65.39	\$ 66.70	\$ 68.03
C132-51	SW11: Help Desk Specialist		\$ 52.36	\$ 53.40	\$ 54.47	\$ 55.56	\$ 56.67
C132-51	SW12: Senior Enterprise Architect		\$ 144.46	\$ 147.35	\$ 150.30	\$ 153.30	\$ 156.37
C132-51	SW13: Graphic Designer		\$ 79.62	\$ 81.21	\$ 82.84	\$ 84.49	\$ 86.18
C132-51	SW14: Senior IT SME		\$ 91.48	\$ 93.31	\$ 95.18	\$ 97.08	\$ 99.03
C132-51	SW15: Information Assurance Expert		\$ 80.86	\$ 82.47	\$ 84.12	\$ 85.80	\$ 87.52
C132-51	SW17: QA Training Expert		\$ 79.25	\$ 80.84	\$ 82.46	\$ 84.10	\$ 85.79
C132-51	SW18: Staff Support Technician**		\$ 42.10	\$ 42.94	\$ 43.80	\$ 44.67	\$ 45.57
871-2, 871-3	PES1: Engineering Program Manager		\$ 139.76	\$ 142.56	\$ 145.41	\$ 148.31	\$ 151.28
871-2, 871-3	PES2: Sr. Systems Develop. Engr.		\$ 125.72	\$ 128.23	\$ 130.79	\$ 133.41	\$ 136.08
871-2, 871-3	PES3: Senior Support Engineer		\$ 125.68	\$ 128.20	\$ 130.76	\$ 133.38	\$ 136.04
871-2, 871-3	PES4: Jr. Electronics Engr.		\$ 62.69	\$ 63.94	\$ 65.22	\$ 66.53	\$ 67.86
871-2, 871-3	PES5: Sr. Technical Writer/Editor		\$ 88.46	\$ 90.23	\$ 92.04	\$ 93.88	\$ 95.76
874-1, 874-4	M001: Senior Program Manager		\$ 142.21	\$ 145.05	\$ 147.95	\$ 150.91	\$ 153.93



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874-1, 874-4	M002: Program Manager		\$ 109.93	\$ 112.12	\$ 114.37	\$ 116.65	\$ 118.99
874-1, 874-4	M003: Jr. Program Manager		\$ 84.56	\$ 86.25	\$ 87.97	\$ 89.73	\$ 91.53
874-1, 874-4	M004: Senior SME		\$ 101.24	\$ 103.26	\$ 105.32	\$ 107.43	\$ 109.58
874-1, 874-4	M005: SME		\$ 93.11	\$ 94.97	\$ 96.87	\$ 98.80	\$ 100.78
874-1, 874-4	M006: Senior Engineering Analyst		\$ 125.25	\$ 127.75	\$ 130.31	\$ 132.91	\$ 135.57
874-1, 874-4	M007: Senior Systems Analyst		\$ 120.64	\$ 123.05	\$ 125.51	\$ 128.02	\$ 130.58
874-1, 874-4	M008: Systems Analyst		\$ 86.30	\$ 88.03	\$ 89.79	\$ 91.58	\$ 93.42
874-1, 874-4	M009: Senior Intelligence Analyst		\$ 74.21	\$ 74.21	\$ 74.21	\$ 74.21	\$ 74.21
874-1, 874-4	M010: Intelligence Analyst		\$ 67.25	\$ 67.25	\$ 67.25	\$ 67.25	\$ 67.25
874-4	M011: Sr. Training Developer		\$ 85.22	\$ 86.93	\$ 88.66	\$ 90.44	\$ 92.25
874-4	M012: Training Developer		\$ 80.64	\$ 82.25	\$ 83.90	\$ 85.58	\$ 87.29
874-4	M013: Training/ Developer Instructor		\$ 73.83	\$ 75.30	\$ 76.81	\$ 78.35	\$ 79.91
874-4	M014: Training Evaluator		\$ 82.31	\$ 83.96	\$ 85.64	\$ 87.35	\$ 89.10
874-4	M015: Senior Technical Trainer		\$ 66.36	\$ 67.69	\$ 69.04	\$ 70.42	\$ 71.83
874-1, 874-4	M017: Sr. Documentation Developer		\$ 90.02	\$ 91.82	\$ 93.65	\$ 95.52	\$ 97.44



## 27 Wage Determination Matrix

Using WD 2005-2125  
For Hillsborough County (Tampa), FL

SCA Eligible Contract Labor Category	SCA Equivalent Code Title	WD Number
SW18. Staff Support Technician	01020 Administrative Assistant	2005-2125

The Service Contract Act (SCA) is applicable to this contract and it includes SCA applicable labor categories. The prices for the indicated (\*\*) SCA labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCA matrix. The prices awarded are in line with the geographic scope of the contract (i.e. nationwide).

## 28 ICE, Inc. Labor Category Qualifications

**Table 3 Labor Category Descriptions**

Category Number & SIN	Labor Category	Minimum Education and Experience Requirements	Position Duties/Responsibilities
M001 874-1,4	Senior Program Manager	MS/MA and 7 years' experience	Provides complete program oversight to include technical, quality, budgetary, safety, security and administrative tasks. Leads training projects /programs.
M002 874-1,4	Program Manager	BS/BA and 7 years' experience	Provides large /critical / complex program oversight to include technical, quality, budgetary, safety, security and administrative tasks. Leads training tasks.
M003 874-1,4	Jr. Program Manager	BS/BA and 3 years' experience	Provides program oversight to include technical, quality, budgetary, safety, security and administrative tasks. Leads training tasks.
M004 874-1,4	Senior Subject Matter Expert (SME)	BS/BA and 10 years' experience in focus area	Provides detailed insight and consultant services in a specific area of expertise in areas such as Risk Management, Modeling and Simulations, Intelligence, Business Processes and Training. Able to



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			develop policy level services and expertise and guidance.
M005 874-1,4	SME	BS/BA in Computer Science, Simulations, Math, Business or Operations Research and 4 years' experience	Provides detailed insight and consultant services in a specific area of expertise in areas such as Risk Management, Modeling and Simulations, Intelligence, Business Processes, and for Training.
M006 874-1,4	Senior Engineering Analyst	BS in Systems Engineering and 8 years' experience	Provides detailed knowledge and process evaluation consultant services for systems to ensure viability and effectiveness. Able to provide system alternatives and tradeoff analysis. Makes inputs to training content.
M007 874-1,4	Senior Systems Analyst	MS in any engineering or computer discipline and 6 years' experience	Provides detailed analysis of systems designs, plans and implementation policy. Able to articulate need for modifications and upgrades as well as performs cost benefit analysis; inputs to training content /analytics.
M008 874-1,4	Systems Analyst	BS in any engineering or computer discipline and 2 years' experience	Provides detailed analysis of systems designs, plans and implementation policy. Inputs to training analytics.
M009 874-1,4	Senior Intelligence Analyst	BS/BA in Intelligence, Criminology or related field and 8 years' experience.	Provides high level support to intelligence processes and national security needs.
M010 874-1,4	Intelligence Analyst	BS/BA in Intelligence, Criminology or related field and 3 years' experience.	Provides high level support to intelligence processes and national security needs.
M011 874-4	Senior Training Developer	BS/BA in any field and 8 years' experience in training development or instruction.	Provides research and development of new training programs or courses or modifies existing courses with new material. existing courses with new material. Able to evaluate other's training development.
M012 874-4	Training Developer	BS/BA in any field and 3 years' experience in a relevant field.	Provides research and development of new training programs or courses or modifies existing courses with new material.



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M013 874-4	Training Developer / Instructor	HS diploma and 10 years training development. Instruction experience in a relevant field.	Provides research and development to modify existing courses with new material. Provides instruction in one or more areas within a field.
M014 874-4	Training Evaluator	BS/BA in any discipline and 15 years' experience in conduct of training or in training development.	Provides training evaluation for courses or programs of instruction to insure quality and effectiveness in order to help maintain accreditation.
M015 874-4	Senior Technical Trainer	HS diploma and appropriate technical certifications and 4 years training experience required.	Provides training with a high level of expertise in selected technical areas.
M017 874-1,4	Senior Documentation Developer	BA in English, Writing or related area and 10 years' experience writing, editing or teaching required	Provides very high quality technical documentation development and writing in order to convey meaning and understanding of the written word or graphic representation.
PES1 871-2,3	Engineering Program Manager	Bachelor's Degree in Electrical Engineering, Aerospace Engineering, Mechanical Engineering; or Physics or related field, and fifteen (15) years' experience. Experience must be in managing engineering and integration efforts. Background in developing and managing contracts and budgets along with an engineering discipline.	Oversee the concept development, design and integration of various hardware components and the integration of applicable software. Oversee budgets, work plans, safety and hazmat, as well as prepare various reports.
PES2 871-2,3	Senior Systems Development Engineer	Bachelor's Degree in Electrical, Aerospace, Mechanical, or Systems Engineering; or Physics, plus ten (10) years' experience in the development of hardware components, providing testing and IV&V for various components circuits and integrated products.	Design, develop, test and integrate a variety of components to be integrated into a finished product. Validate circuits are properly designed and tested. Ensure all mechanical components function properly and are tested to meet desired standards.
PES3 871-2,3	Senior Support Engineer	Bachelor's Degree in Electrical, Aerospace, Mechanical, or Systems Engineering; or Physics plus eight (8) years' experience in the development of hardware components, providing testing	Design, develop, test and integrate a variety of components to be integrated into a finished product. Validate circuits are properly designed and tested. Ensure all mechanical components function



		and IV&V for various components circuits and integrated products.	properly and are tested to meet desired standards.
PES4 871-2,3	Junior Electronics Engineer	Bachelor's Degree in Electrical Engineering or related field. Five (5) years of experience in designing circuits and other electrical components. Knowledge of integration, testing and IV&V.	Design, develop, and build electrical components to perform a variety of functions. Conduct testing of all components and validate readiness for use.
PES5 871-2,3 SW102-132-50/51	Sr Technical Writer /Editor	Bachelor's Degree in English and ten (10) years' experience in writing and editing technical documentation.	Create /produce all finished technical documents with input from engineers, IT staff and other support personnel as required. Where appropriate develop graphics and illustrations as needed.
SW1 132-50, 51	Senior Program Manager	A Bachelor's Degree from an accredited university/college in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline. Twelve years (12) of progressively more responsible experience in controlling and managing system development. Duties could include technical leadership, planning and implementation, risk management, contract management, procurement, and cost control. Experience in Project development life cycle, from inception to deployment, with an ability to provide guidance and direction in the tasks is required.	Serves as the contractor's authorized point of contact on large, high risk, or complex programs. Manages and directs daily operations of the identified development and integration tasks. Develops and enforces work standards, reviews work quality, provides quality assurance and configuration management, assigns contractor schedules, and communicates goals, objectives, and policies of the organization to subordinates. Oversees financial management and administrative activities, such as budgeting, financial reporting, and manpower and resource planning. Performs complex evaluations of existing procedures, processes, techniques, models, and/or systems relating to management problems or contractual issues that require reports and recommended solutions. Supervises and directs staff on a daily basis.



<p>SW2 132-50, 51</p>	<p>Senior IT Systems Development Engineer</p>	<p>A Bachelor's Degree from an accredited university/college in Computer Science, Information Systems, Engineering, Business, or other related scientific or technical discipline. Seven (7) years' experience applying an organization-wide set of disciplines for the planning, analysis, design, and construction of systems on a system-wide basis or across a major sector of the enterprise. Provides expertise in one or more engineering disciplines such as: electronic engineering, communications engineering, information engineering, network engineering, security, ECM/ECCM, interoperability analysis, system standards, military operations (ground, sea, and air), program analysis, requirements analysis, program planning, cost analysis.</p>	<p>Performs engineering assignments on complex or critical systems development and integration efforts.</p>
<p>SW3 132-50, 51</p>	<p>Programmer</p>	<p>A Bachelor's Degree from an accredited university/college. Five (5) years of direct programming experience. Knowledge of state-of- the-art computer equipment, structured programming techniques, object programming techniques, and high-level computer languages.</p>	<p>Provides programming and ADP system analysis expertise using major concepts of application programming.</p>
<p>SW4 132-50, 51</p>	<p>Senior Software Support Engineer</p>	<p>A Bachelor's Degree from an accredited university/college in software engineering, computer science, electrical or electronic engineering, or other related scientific or technical discipline. Eight (8) years of progressively more responsible experience in information systems design, integration and management. Experienced with mainframe and microcomputer programming,</p>	<p>Provides expertise in state-of-the-art, software design methodologies. Performs tradeoff analyses, constructs level designs, develops test specifications, develops integration plans, performs software audits, develops software transition plans, and provides software maintenance approaches. Ascertain user requirements. Performs complex software system analysis based on requirements. Performs software</p>



		including a variety of application and operating system software packages and CASE tools.	integration and configuration management.
SW5 132-50, 51	Senior Software Integrator	A Bachelor's Degree from an accredited university/college in software engineering, computer science, electrical or electronic engineering, or other related scientific or technical discipline. Eight (8) years of progressively more responsible experience in information systems design, integration and management. Some experience with mainframe & microcomputer programming, including a variety of application and operating system software packages and CASE tools. Knowledgeable in state- of-the-art, software design methodologies.	Performs software system analysis; assists and/or performs tradeoff analyses, develops test specifications, develops integration plans, performs software audits, develops software transition plans, and provides software maintenance approaches. Ascertains user requirements. Performs software system analysis based on requirements. Provides the following IV&V support: review system requirements analyses, system specifications, rapid prototypes, information engineering tools and techniques, supporting system and media conversions, and plan system IV&V/Test and Evaluation (T&E). Assists with/responsible for software integration and configuration management.
SW6 132-50, 51	Senior IT Systems Analyst	A Bachelor's Degree from an accredited university/college in Computer Science, Information Technology, or other directly related scientific or technical discipline. Eight (8) years of progressively more responsible experience in systems analysis and engineering.	Performs system-wide analysis and engineering functions, primarily with computer functional allocations; software performance; hardware performance; computer security systems analysis, reliability, maintainability, and availability (RMA). Performs professional assignments in the general areas of computer hardware and software such as: analysis of computer systems, protocols, computer operations, database structuring and management, and evaluation of



			<p>computer test plans and procedures. Translates user automation requirements into hardware, software, and communications requirements, and solutions. Provides expertise in the following: 4GL, object-oriented, client server technology, database technology, network operating systems, military systems, electronic publishing tools, techniques and environments, and Internet Web technology.</p>
SW7 132-50, 51	IT Systems Analyst	<p>A Bachelor's Degree from an accredited university/college in Computer Science, Information Technology, or other directly related scientific or technical discipline. Five (5) years of progressively more responsible experience systems analysis and engineering.</p>	<p>Performs system-wide analysis and engineering functions, primarily with respect to computer functional allocations; software performance; hardware performance; reliability, maintainability, and availability (RMA). Assists with/ performs professional assignments in the general areas of computer hardware and software such as: analysis of computer systems, protocols, computer operations, database structuring and management, and evaluation of computer test plans and procedures. Assists with the translation of user automation requirements into hardware, software, and communications requirements and solutions. Provides expertise in some of the following: 4GL, object-oriented, client server technology, database technology, network operating systems, military systems, electronic publishing tools, techniques, environments, and Internet Web technology.</p>



<p>SW8 132-50, 51</p>	<p>Senior IT Systems Administrator</p>	<p>A Bachelor's Degree in Computer Science, Information Technology, or other technical discipline. Eight (8) years of progressively more responsible experience performing systems and network management/administration responsibilities.</p>	<p>Performs system administration duties to ensure efficient operation of computer systems site(s) that support database analysis and report production, and system maintenance by local and remote users. Provides expertise to properly maintain IT systems operations, monitoring application/system software and hardware operations, routine/high priority system problem identification, and high priority corrective action. Coordinates system resource availability with database analysts, system and application programmers, and other users. Performs/oversees systems administration and network management/administration responsibilities. Ensures compliance with electronic and physical security procedures and standards. Directs and train users. Provides continuous liaison with users and project staff to identify unique and/or common difficulties and prepare plans for their resolution.</p>
<p>SW9 132-50, 51</p>	<p>Jr. Database Administration Specialist</p>	<p>An Associate's Degree from an accredited university/college in a technical discipline. Three (3) years' experience performing database systems maintenance. Understanding of the most current principles and practices of managing database systems and the ability to modify and maintain databases for specific user requirements.</p>	<p>Performs database systems maintenance. Provides the knowledge to maintain database systems.</p>
<p>SW10 132-51</p>	<p>Help Desk Manager</p>	<p>A High School diploma and two (2) years of progressively more responsible experience assisting with operations of IT systems, monitoring application/system software and hardware operations, routine/high priority</p>	<p>Assists with support of 24/7 IT systems operations, monitoring application /system software and hardware operations. Able to supervise a small group of help desk personnel. Performs minimal systems administration and network management/administration.</p>



		system problem identification, and corrective action.	Answers user generated phone calls on systems, applications, printer, and other device faults/troubles. Assists in assignment of trouble tickets and follow-up/ closure of trouble tickets.
SW11 132-51	Help Desk Specialist	A High School diploma and Two (2) years of progressively more responsible experience assisting with operations of IT systems, monitoring application/system software and hardware operations, routine/high priority system problem identification, and corrective action.	Assists with support of 24/7 IT systems operations, monitoring application/system software and hardware operations. Able to supervise a small group of help desk personnel. Performs minimal systems administration and network management/ administration. Answers user generated phone calls on systems, applications, printer, and other device faults/troubles. Assists in assignment of trouble tickets and follow-up/ closure of trouble tickets.



<p>SW12 132-50, 51</p>	<p>Senior Enterprise Architect</p>	<p>Master’s Degree or equivalent in Business Administration, Computer Science, Electrical Engineering, Information Management, Management Information Systems or similar degree. Generally this requires sixteen (16) years of general experience in electronic security, intrusion detection, border protection, and facilities management systems planning, designing, implementing, testing, documenting, and training, including twelve (12) years of specialized experience providing state-of-the-art solutions in security technology (or, if the particular area of expertise is new state-of- the-art technology, the specialized experience may be less than ten (10) years and more consistent with the age of the business practice and/or technology). The advisor must be a well-recognized expert in the technology being addressed.</p>	<p>Provides expert, independent services and leadership in specialized technical areas. Provides expertise on an as-needed basis to all task assignments. Identifies, evaluates, and specifies system architecture and high-level design. Provides advice and counsel to project and senior management through broad technical specialization of scientific theory and principals. Individual is well-recognized for mastery of hardware, software, firmware, scientific, and engineering techniques and theories gained through wide experience or specialized development in management consulting engagements.</p>
<p>SW13 132-50, 51</p>	<p>Graphic Designer</p>	<p>Associate’s Degree in Graphics Design or similar field and up to one year directly related experience in graphics design. Requires in-depth knowledge and hands-on experience with the following software: Photoshop, Illustration Package, 3D Modeling, Animation, Web-Design and HTML, Authoring of Courseware and Internet Sites. Provides supervision and training for graphic design personnel.</p>	<p>Utilizes current graphic design technology and computer software packages to produce and develop high-level graphics and miscellaneous media files for multiple projects. May include line drawings, digital images, flow charts, slide presentations, animations, video stills/clips, and simulations. Exercises creative judgment and originality by translating needs into graphics capabilities. Makes final decisions related to matters of design, composition and methods of presenting technical data.</p>



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SW14 132-50, 51	Senior IT Subject Matter Expert	A Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other IT related scientific or technical discipline. Must have 10 years of experience in the IT field. At least 6 years of combined new and related older technical experience in the IT field directly related to the required area of expertise. Demonstrated exceptional written and oral communications skills, including giving formal presentations. Must demonstrate the ability to work independently.	For complex to extremely complex IT systems, provides expert guidance and insight into specific IT technologies and their application and independently performs a variety of system design and integration tasks where a specific subject matter expertise is required. Specifically: - Plans and performs research, design assessment, development, integration and other assignments in a specific technical area. -Supervises broad team of systems engineers - Responsible for highly complex IT technical/engineering areas. May perform other duties as assigned.
SW15 132-50, 51	Information Assurance Expert	Bachelor's Degree in Computer Science, Software Engineering, Information Technology or related field. Eight (8) years' experience in Information Assurance support across an enterprise. Certified in Net+, Sec+, CISSP, CCNA, and DIACAP. Maintain certifications current.	Maintain the security of a network enterprise through proactive and prescriptive security measures. Assess vulnerabilities and make recommendations for enhanced security measures
SW16 132-50, 51	IT Training Instructor	Bachelor's Degree and four (4) years' experience in the area where training will be conducted. Certified as an instructor by the organization(s) that govern the training to be provided.	Present approved training materials in a variety of settings, classroom, field, laboratory, or virtual. Administer tests and examinations to students. Assist students in retraining and retesting within policy guidelines.
SW17 132-50,51 871-2,3874-1,4	Quality Assurance Training Expert	Bachelor's Degree in any discipline and ten (10) years' experience as an Instructor or Training Developer.	Review and evaluate training, training material, and training locations to ensure the training is meeting the requirements as outlined by the standards.
SW18 132-50,51 871-2,3 874-1,4	Staff Support Technician	HS & 5 years' general administrative experience	Perform general administrative functions for projects. Maintain student records for the training institution. Generate reports as required by the requiring activity.



SW19 132-50, 51	IT Training Development/Instructor Specialist	Bachelor's Degree in any discipline and five (5) years' experience as an Instructor or Training Developer.	Develop training and training materials to support the courses / training required
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In the above table, equivalent experience and or education may be substituted as follows:

- Four additional years of relevant experience may be substituted for BA/BS
- Three additional years of relevant experience may be substituted for MA/MS if candidate already has BA/BS (7 added years if no BA/BS)
- A MA/MS in a relevant field may be substituted for three years of experience
- A BA/BS in a relevant field may be substituted for four years of experience
- An AA/AS degree may be substituted for two years of experience

Primary Engineering Disciplines for PES SINs are: Electronics Engineering, Mechanical Engineering