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 GSA *Advantage!*® is: GSAAdvantage.gov.

Multiple Award Schedule

FSC Group: Information Technology   **FSC Class:** DA01

Contract number: GS-35F-372GA

Contract period: April 15, 2023 – April 14, 2027

Ocean Associates Inc
4007 N Abingdon St
Arlington, VA 22207-2920
Ph: 703-534-4032
Fax: 815-346-2574

Web Address:
http://www.oceanassoc.com

Contract administration source: Kelly O Murray

Email:
kellymurray@oceanassoc.com

Business size: Women Owned Small Business (WOSB)

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

Price list current as of Modification(s): PS-0017
1/8/2024

Prices Shown Herein are Net (discount deducted)

CUSTOMER INFORMATION

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

SIN	Recovery	SIN Title
OLM	OLMRC	Order-Level Materials (OLM)
54151S	54151SRC	Information Technology Professional Services
Ancillary	AncillaryRC	Ancillary Supplies and Services
541330ENG	541330ENGRC	Engineering Services
541715	541715RC	Engineering Research and Development and Strategic Planning
541611	541611RC	Management and Financial Consulting, Acquisition and Grants Management Support, and Business Program and Project Management Services
541620	541620RC	Environmental Consulting Services
611430	611430RC	Professional and Management Development Training
541370GIS	541370GISRC	Geographic Information Systems (GIS) Services
541690	541690RC	Technical Consulting Services

1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply. See Pages 5-13 for Pricing Table

1c. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate "Not applicable" for this item. See Page 13-45 for Labor Category Descriptions

2. Maximum order:

SINs	Maximum Order
54151S	$500,000
Ancillary	$250,000
OLM	$250,000
541330ENG	$1,000,000
541715	$1,000,000
541611	$1,000,000
541620	$1,000,000
611430	$1,000,000
541370GIS	$1,000,000
541690	$1,000,000

3. Minimum order: $100

4. Geographic coverage (delivery area). Worldwide

5. Point(s) of production (city, county, and State or foreign country): Same as Company Address

6. Discount from list prices or statement of net price: Government Net Prices (discounts already deducted.)

7. Quantity discounts: None

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

Net 30 Days

9. Foreign items (list items by country of origin). Not Applicable

10a. Time of delivery. (Contractor insert number of days.): To Be Determined at the Task Order Level

10b. Expedited Delivery. Items available for expedited delivery are noted in this price list: Contact Contractor

10c. Overnight and 2-day delivery: Contact Contractor

10d. Urgent Requirements: Contact Contractor

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

12a. Ordering address(es). Same as Company Address

12b. Ordering procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3.

13. Payment address(es). Same as Company Address

14. Warranty provision. Contractor's Standard Commercial Warranty

15. Export packing charges, if applicable. N/A

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

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

18a. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable): N/A

18b. Terms and conditions for any other services (if applicable): N/A

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

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

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

22a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants): N/A

22b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor's website or other location.) The EIT standards can be found at: www.Section508.gov/. N/A

23. Unique Entity ID (UEI): D56MGN45L3Y3

24. Notification regarding registration in System for Award Management (SAM) database: Registered

Service Contract Labor Standards Matrix:

SCLS Eligible Labor Category	SCLS Equivalent Code Title	Wage Determination No
Computer Operator	14045 - Computer Operator V	2015-5635
Computer Support Technician	14160 - Personal Computer Support Technician	2015-5635
Clerical/Administrative (General)	01020 - Administrative Assistant	2015-5635
Boat/Equipment Operator 1	31361 - Truck Driver, Light	2015-5637
Boat/Equipment Operator 2	31362 - Truck Driver, Medium	2015-5637
Boat/Equipment Operator 3	23440 - Heavy Equipment Operator	2015-5637
Deckhand/Equipment Technician 1	31020 - Bus Aide	2015-5637
Deckhand/Equipment Technician 2	99831 - Surveying Aide	2015-5637
Marine/Equipment Mechanic 1	23580 - Maintenance Trades Helper	2015-5637
Marine/Equipment Mechanic 2	23910 - Small Engine Mechanic	2015-5637
Marine/Equipment Mechanic 3	23430 - Heavy Equipment Mechanic	2015-5637

The Service Contract Labor Standards, formerly the Service Contract Act (SCA), apply to this contract and it includes SCLS applicable labor categories. Labor categories and fixed price services marked with a (**) in this pricelist are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCLS/SCA matrix. The prices awarded are in line with the geographic scope of the contract (i.e., nationwide).

Labor Category Hourly Pricing:

SIN	Awarded Labor Category	Min Edu	Min Years Exp	Site	GSA Rate Incl. IFF
Ancillary	Clerical/Administrative Technician I	High School	0	Both	$33.84
54151S	Administrative Technician II	High School	2	Both	$48.82
54151S	Administrative Technician III	Bachelors	3	Both	$78.18
54151S	IT Project Manager I	Bachelors	1	Both	$51.80
54151S	IT Project Manager II	Bachelors	3	Both	$78.18
54151S	IT Project Manager III	Bachelors	5	Both	$88.69
54151S	IT Project Manager IV	Bachelors	7	Both	$100.06
54151S	IT Consultant I	Bachelors	5	Both	$88.69
54151S	IT Consultant II	Bachelors	8	Both	$130.23
54151S	IT Consultant III	Bachelors	12	Both	$134.14
54151S	IT Consultant IV	Bachelors	15	Both	$218.72
54151S	Systems Engineer I	High School	1	Both	$48.82
54151S	Systems Engineer II	Bachelors	3	Both	$52.05
54151S	Systems Engineer III	Bachelors	5	Both	$88.69
54151S	Systems Engineer IV	Bachelors	7	Both	$109.59
54151S	Systems Engineer V	Bachelors	10	Both	$160.42
54151S	Software Engineer I	High School	1	Both	$48.82

SIN	Awarded Labor Category	Min Edu	Min Years Exp	Site	GSA Rate Incl. IFF
54151S	Software Engineer II	Bachelors	3	Both	$52.05
54151S	Software Engineer III	Bachelors	5	Both	$88.69
54151S	Software Engineer IV	Bachelors	7	Both	$109.59
54151S	Software Engineer V	Bachelors	10	Both	$160.42
54151S	Developer I	High School	1	Both	$48.82
54151S	Developer II	Bachelors	3	Both	$52.05
54151S	Developer III	Bachelors	5	Both	$88.69
54151S	Developer IV	Bachelors	8	Both	$109.59
54151S	Developer V	Bachelors	10	Both	$160.42
54151S	Network Engineer I	High School	1	Both	$48.82
54151S	Network Engineer II	Bachelors	3	Both	$52.05
54151S	Network Engineer III	Bachelors	5	Both	$88.69
54151S	Network Engineer IV	Bachelors	8	Both	$109.59
54151S	Network Engineer V	Bachelors	10	Both	$160.42
54151S	Information Assurance Engineer I	High School	1	Both	$48.82
54151S	Information Assurance Engineer II	Bachelors	3	Both	$52.05
54151S	Information Assurance Engineer III	Bachelors	5	Both	$88.69
54151S	Information Assurance Engineer IV	Bachelors	7	Both	$109.59
54151S	Information Assurance Engineer V	Bachelors	10	Both	$160.42
54151S	Help Desk Specialist I	High School	1	Both	$46.52

SIN	Awarded Labor Category	Min Edu	Min Years Exp	Site	GSA Rate Incl. IFF
54151S	Help Desk Specialist II	Bachelors	3	Both	$48.82
54151S	Help Desk Specialist III	Bachelors	5	Both	$52.05
54151S	Help Desk Specialist IV	Bachelors	7	Both	$88.69
54151S	**Computer Operator	High School	2	Both	$46.52
54151S	**Computer Support Technician	High School	2	Both	$42.60
54151S	Systems Administrator I	High School	1	Both	$48.82
54151S	Systems Administrator II	Bachelors	3	Both	$52.05
54151S	Systems Administrator III	Bachelors	5	Both	$88.69
54151S	Systems Administrator IV	Bachelors	7	Both	$109.59
54151S	Systems Administrator V	Bachelors	10	Both	$160.42
54151S	Business Analyst I	High School	1	Both	$48.82
54151S	Business Analyst II	Bachelors	3	Both	$52.05
54151S	Business Analyst III	Bachelors	5	Both	$78.18
54151S	Business Analyst IV	Bachelors	7	Both	$88.69
54151S	Business Analyst V	Bachelors	10	Both	$109.59
54151S	Web Designer/Developer I	High School	1	Both	$48.82
54151S	Web Designer/Developer II	Bachelors	3	Both	$52.05
54151S	Web Designer/Developer III	Bachelors	5	Both	$88.69
54151S	Web Designer/Developer IV	Bachelors	8	Both	$109.59
54151S	Web Designer/Developer V	Bachelors	10	Both	$160.42
54151S	Database Administrator I	High School	1	Both	$48.82
54151S	Database Administrator II	Bachelors	3	Both	$52.05

SIN	Awarded Labor Category	Min Edu	Min Years Exp	Site	GSA Rate Incl. IFF
54151S	Database Administrator III	Bachelors	5	Both	$88.69
54151S	Database Administrator IV	Bachelors	8	Both	$109.59
54151S	Database Administrator V	Bachelors	10	Both	$160.42
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Clerical/Administrative (General)**	High School	1	Both	$51.94
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Consultant I	Bachelors	5	Both	$88.73
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Consultant II	Masters	5	Both	$107.47
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Consultant III	Masters	10	Both	$109.40
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Consultant IV	Masters	15	Both	$121.55
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Executive Consultant I	PhD	15	Both	$226.95
541330ENG, 541715, 541611, 541620, 611430,	Executive Consultant II	PhD	20	Both	$291.10

SIN	Awarded Labor Category	Min Edu	Min Years Exp	Site	GSA Rate Incl. IFF
541370GIS, 541690					
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Editor/Graphics Specialist	Bachelors	3	Both	$58.35
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Engineer I	Bachelors	5	Both	$88.73
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Engineer II	Masters	5	Both	$107.47
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Engineer III	Masters	10	Both	$109.40
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Project Manager	PhD	15	Both	$145.87
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Scientist/Technician/Admin I	Bachelors	2	Both	$51.06
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Scientist/Technician/Admin II	Bachelors	3	Both	$76.58

SIN	Awarded Labor Category	Min Edu	Min Years Exp	Site	GSA Rate Incl. IFF
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Scientist I	Bachelors	5	Both	$76.58
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Scientist II	Masters	5	Both	$107.47
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Scientist III	Masters	10	Both	$109.40
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Scientist IV	Masters	14	Both	$257.92
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Systems Analyst I (Human, Biological, Integrated)	Bachelors	0	Both	$46.54
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Systems Analyst II (Human, Biological, Integrated)	Bachelors	3	Both	$75.83
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Systems Analyst III (Human, Biological, Integrated)	Bachelors	5	Both	$83.84
541330ENG, 541715, 541611, 541620, 611430,	Systems Analyst IV (Human, Biological, Integrated)	Masters	5	Both	$96.25

SIN	Awarded Labor Category	Min Edu	Min Years Exp	Site	GSA Rate Incl. IFF
541370GIS, 541690					
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Systems Analyst V (Human, Biological, Integrated)	Masters	10	Both	$98.40
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Systems Analyst VI (Human, Biological, Integrated)	Masters	14		$257.92
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Systems Analyst I (Physical and Technical)	Bachelors	0		$46.54
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Systems Analyst II (Physical and Technical)	Bachelors	3		$75.83
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Systems Analyst III (Physical and Technical)	Bachelors	5		$83.84
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Systems Analyst IV (Physical and Technical)	Masters	5		$96.25
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Systems Analyst V (Physical and Technical)	Masters	10		$98.40

SIN	Awarded Labor Category	Min Edu	Min Years Exp	Site	GSA Rate Incl. IFF
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Systems Analyst VI (Physical and Technical)	Masters	14		$257.92
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Technical Writer I	Bachelors	0		$32.82
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Technical Writer II	Bachelors	3		$75.83
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Technical Writer III	Masters	5		$92.52
541330ENG, 541715, 541611, 541620, 611430, 541370GIS, 541690	Technical Writer IV	Masters	10		$94.02
541690, 541620	Operations Manager/Supervisor	High School	10		$114.94
541690, 541620	**Boat/Equipment Operator I	High School	1		$60.74
541690, 541620	**Boat/Equipment Operator II	High School	3		$67.28
541690, 541620	**Boat/Equipment Operator III	High School	5		$85.97
541690, 541620	**Deckhand/Equipment Technician I	High School	1		$48.59
541690, 541620	**Deckhand/Equipment Technician II	High School	5		$52.33
541690, 541620	**Marine/Equipment Mechanic I	High School	1		$52.33

SIN	Awarded Labor Category	Min Edu	Min Years Exp	Site	GSA Rate Incl. IFF
541690, 541620	**Marine/Equipment Mechanic II	High School	3		$62.61
541690, 541620	**Marine/Equipment Mechanic III	High School	5		$85.97

Labor Category Descriptions:

1.   Clerical / Administrative (General)

Functional Responsibilities: Provides office clerical, secretarial, and administrative functions including typing, payroll, travel, and filing. Works under general supervision. Depending on the level of independence and personal discretion of the position, and whether the position benefits the business operations of OAI or the customer, it may be subject to the Service Contract Act.

Minimum Education: High School

Minimum Experience: 1 year of relevant experience.

2.   Consultant I

Functional Responsibilities: Provides low-mid level subject matter expertise in science, engineering, IT, business, economics, GIS, administrative systems, history, geography, sociology, acquisitions, languages/translations, regulatory and related areas at state and national level, under guidance of senior staff. May supervise junior staff. A person in this category is expected to have a broader, more interdisciplinary background than would a scientist or engineer.

Minimum Education: BS in Engineering, Science, IT, Languages, Business or relevant field

Minimum Experience: 5 years of relevant experience.

3.   Consultant II

Functional Responsibilities: Provides program and task order management support. Provides mid-high level subject matter expertise in science, engineering, IT, business, economics, GIS, history, geography, sociology, acquisitions, languages/translations, regulatory and related areas at state, national and/or international level. May supervise staff. Works with minimal supervision. A person in this category is expected to have a broader, more interdisciplinary background than would a Scientist or Engineer.

Minimum Education: MS in engineering, science, IT, Languages, History, Geog. Sociology, Business or relevant field.

Minimum Experience: 5 years of relevant experience.

4.   Consultant III

Functional Responsibilities: Provides program and task order management support. Provides senior level subject matter expertise in science, engineering, IT, business, economics, GIS, history, geography, sociology, acquisitions, languages/translations, regulatory and related areas at state, national and/or international level. May supervise senior staff. Works with minimal supervision. A person in this category is expected to have a broader, more interdisciplinary background than would a Scientist III or Engineer III.

Minimum Education: MS in engineering, science, IT, Languages, History, Geog. Sociology, Business or relevant field.

Minimum Experience: 10 years of relevant experience.

5.   Consultant IV

Functional Responsibilities: Provides technical oversight of individual projects and program management. Provides senior level subject matter expertise in science/engineering, economics, GIS, administrative systems, IT, business, history, geography, sociology, acquisitions, languages/translations, regulatory and related areas at state, national and/or international level. Supervises and supports senior client staff.

Minimum Education: MS in Engineering, Science, IT, Languages, History, Geography, Sociology, Business or relevant field

Minimum Experience: 15 years of relevant experience

6.   Editor/Graphics Specialist

Functional Responsibilities: Provides composition, editorial or graphics design functions on technical documents and presentations in science, engineering, economics, business, history, geography, sociology, regulations and related areas. Works under supervision.

Minimum Education: BA or equivalent experience in science, languages, arts, or graphic design

Minimum Experience: 3 years of relevant experience.

7.   Engineer I

Functional Responsibilities: Provides low-mid level subject matter expertise in engineering and related areas at state and national level, under guidance of senior staff. May supervise junior staff.

Minimum Education: BS in Engineering, Science, IT or relevant field

Minimum Experience: 5 years of relevant experience.

8.   Engineer II

Functional Responsibilities: Provides program and task order management support. Provides mid-high level subject matter expertise in engineering and related areas at state, national and/or international level. May supervise staff. Works with minimal supervision.

Minimum Education: MS in Engineering, Science, IT, History, Geog., Sociology or relevant field.

Minimum Experience: 5 years of relevant experience.

9.   Engineer III

Functional Responsibilities: Provides program and task order management support. Provides senior level subject matter expertise in engineering and related areas at state, national and/or international level. May supervise senior staff. Works with minimal supervision.

Minimum Education: MS in Engineering, Science, IT, History, Geog., Sociology or relevant field.

Minimum Experience: 10 years of relevant experience.

10.   Project Manager

Functional Responsibilities: Responsible for project management. Provides extensive senior level expertise in management of national/international science/engineering, IT, Business, Acquisitions, and Language projects. Provides subject matter expertise in science, technology, history, geography, sociology, languages, regulatory and related areas at state, national/international level. Supports client's senior managers.

Minimum Education: PhD in Engineering, Science, Info Tech, History, Geography, Sociology or relevant field.

Minimum Experience: 15 years of relevant experience

11.   Scientist/Technician/Administrative I

Functional Responsibilities: Provides junior level subject matter expertise in science, economics, business, GIS, history, geography, sociology, regulatory and related areas at state and national level, under guidance of senior staff. In IT, serves as an expert in software setup and use, network use, and maintenance of information systems. Provides coordination of administrative functions. Develops and implements filing, data storage, inventory, and procurement systems in support of science and engineering and regulatory functions. May coordinate travel and meeting logistics for senior managers and staff. Operates under own initiative with minimal supervision. May supervise junior staff.

Minimum Education: BS in science, economics, history, anthropology, geography, sociology, business, GIS, IT, languages, arts, graphic design or relevant subject.

Minimum Experience: 2 years of relevant experience.

12. Scientist/Technician/Administrative II

Functional Responsibilities: Provides junior to mid level subject matter expertise in science, engineering, economics, GIS, administrative and acquisitions systems, Acquisitions, languages/translations, IT, business, regulatory and related areas at state and national level, under guidance of senior staff. May supervise junior staff.

Minimum Education: BS or equivalent experience in IT, Engineering, Science, Business or relevant field

Minimum Experience: 3 years of relevant experience.

13. Scientist I

Functional Responsibilities: Provides low-mid level subject matter expertise in science, economics, GIS, IT, history, geography, sociology, regulatory and related areas at state and national level, under guidance of senior staff. May supervise junior staff.

Minimum Education: BS in Science, IT, History, Geography, Sociology or relevant field.

Minimum Experience: 5 years of relevant experience.

14. Scientist II

Functional Responsibilities: Provides program and task order management support. Provides mid-high level subject matter expertise in science, economics, GIS applications, IT, history, geography, sociology, regulatory and related areas at state, national and/or international level. May supervise staff. Works with minimal supervision.

Minimum Education: MS in Science, IT, History, Geography, Sociology or relevant field.

Minimum Experience: 5 years of relevant experience.

15. Scientist III

Functional Responsibilities: Provides program and task order management support. Provides senior level subject matter expertise in science, economics, GIS applications, IT, history, geography, sociology, regulatory and related areas at state, national and/or international level. May supervise senior staff. Works with minimal supervision.

Minimum Education: MS in Science, IT, History, Geography, Sociology or relevant field.

Minimum Experience: 10 years of relevant experience.

16. Scientist IV

Functional Responsibilities:.Provides program and project management support. Provides senior and program level subject matter expertise in science, economics, GIS applications, IT, history, geography, sociology, regulatory and related areas at state, national and/or international level. May supervise and support senior staff. Works with minimal supervision.

Minimum Education: MS in Science, IT, History, Geography, Sociology or relevant field.

Minimum Experience: 14 years of relevant experience.

17. Systems Analyst I (Human, Biological, Integrated)

Functional Responsibilities: Provides junior level subject matter expertise in science, economics, history, geography, IT, business, GIS application, administrative and acquisition systems, languages/translations , sociology, regulatory and related areas at state and national level, under guidance of senior staff. Such systems include (among others) ecosystems, administrative and acquisition, communities, prehistoric and present cultures, and international relationships.

Minimum Education: BS or BA in Science, Economics, IT, History, Anthropology, Geography, Sociology, Business or relevant subject.

Minimum Experience: No experience required.

18. Systems Analyst I (Physical and Technical)

Functional Responsibilities: Provides junior level subject matter expertise in systems engineering, modeling, GIS design and development, IT, business, administrative and acquisition, languages/translations, regulatory reporting, monitoring, and enforcement systems development and related areas at state and national level, under guidance of senior staff. These systems include (among others) research and fishing vessels, ocean and atmospheric physical systems, biological, meteorological and oceanographic data acquisition and processing systems, ship and facility systems in support of environmental services, data recording and analysis systems, and complex modeling systems.

Minimum Education: BS or BA in Engineering, physical sciences, mathematics, computer science, IT, Business or relevant subject.

Minimum Experience: No experience required.

19. Systems Analyst II (Human, Biological, Integrated)

Functional Responsibilities: Provides mid level subject matter expertise in science, economics, history, geography, IT, business, GIS application, sociology, regulatory and related areas at state and national level, under guidance of senior staff. Such systems include (among others) ecosystems, communities, prehistoric and present cultures, and international relationships.

Minimum Education: BS or BA in Science, Economics, IT, History, Anthropology, Geography, Sociology or relevant subject.

Minimum Experience: 3 years of relevant experience.

20. Systems Analyst II (Physical and Technical)

Functional Responsibilities: Provides mid level subject matter expertise in systems engineering, modeling, GIS design and development, IT, business, administrative and acquisition systems, languages/translations, regulatory reporting, monitoring, and enforcement systems development and

related areas at state and national level, under guidance of senior staff. These systems include (among others) research and fishing vessels, ocean and atmospheric physical systems, biological, meteorological and oceanographic data acquisition and processing systems, ship and facility systems in support of environmental services, data recording and analysis systems, complex modeling systems, and administrative and acquisition systems. In IT, serves as expert in software acquisition, and websites and network design

Minimum Education: BS in Engineering, physical sciences, mathematics, computer science, IT, Business or relevant subject.

Minimum Experience: 3 years of relevant experience.

### 21.	Systems Analyst III (Human, Biological, Integrated)

Functional Responsibilities: Provides mid level subject matter expertise in science, economics, history, geography, IT, business, GIS application, sociology, regulatory and related areas at state and national level, under guidance of senior staff. Such systems include (among others) ecosystems, communities, prehistoric and present cultures, and international relationships. May supervise junior staff.

Minimum Education: BS in Science, Economics, IT, History, Anthropology, Geography, Sociology or relevant subject

Minimum Experience: 5 years of relevant experience.

### 22.	Systems Analyst III (Physical and Technical)

Functional Responsibilities: Provides mid level subject matter expertise systems engineering, modeling, GIS design and development, IT, business, administrative and acquisition systems, languages/translations, regulatory reporting, monitoring, and enforcement systems development and related areas at state and national level under guidance of senior staff. . These systems include (among others) research and fishing vessels, ocean and atmospheric physical systems, biological, meteorological and oceanographic data acquisition and processing systems, ship and facility systems in support of environmental services, data recording and analysis systems, and complex modeling systems. May develop remote sensing algorithms for environmental- parameter measurements. In Information Technology, serves as team leader in software, network operation, websites, and system architecture. May supervise junior staff.

Minimum Education: BS or BA in engineering, physical sciences, mathematics, computer science, IT, Business or relevant subject

Minimum Experience: 5 years of relevant experience.

### 23.	Systems Analyst IV (Human, Biological, Integrated)

Functional Responsibilities: Provides high level subject matter expertise in science, economics, history, geography, IT, business, GIS application, sociology, regulatory and related areas at state and national level. Such systems include (among others) ecosystems, communities, prehistoric and present cultures, and international relationships. May supervise staff.

Minimum Education: MS or MA in Science, Economics, IT, History, Anthropology, Geography, Sociology, Business or relevant subject

Minimum Experience: 5 years of relevant experience.

24.   Systems Analyst IV (Physical and Technical)

Functional Responsibilities: Provides high level subject matter expertise systems engineering, modeling, GIS design and development, IT, business, administrative and acquisition systems, languages/translations, regulatory reporting, monitoring, and enforcement systems development and related areas at state and national level under guidance of senior staff. . These systems include (among others) research and fishing vessels, ocean and atmospheric physical systems, biological, meteorological and oceanographic data acquisition and processing systems, ship and facility systems in support of environmental services, data recording and analysis systems, and complex modeling systems. May develop remote sensing algorithms for environmental- parameter measurements. In Information Technology, serves as team leader in software, network operation, websites, and system architecture. May supervise staff.

Minimum Education: MS or MA in Engineering, physical sciences, mathematics, computer science, IT, Business or relevant subject

Minimum Experience: 5 years of relevant experience.

25.   Systems Analyst V (Human, Biological, Integrated)

Functional Responsibilities: Provides senior subject matter expertise in science, economics, history, geography, IT, business, GIS application, sociology, regulatory and related areas at state and national level. Such systems include (among others) ecosystems, communities, prehistoric and present cultures, and international relationships. May supervise senior staff.

Minimum Education: MS or MA in Science, Economics, IT, History, Anthropology, Geography, Sociology, Business or relevant subject

Minimum Experience: 10 years of relevant experience.

26.   Systems Analyst V (Physical and Technical)

Functional Responsibilities: Provides senior subject matter expertise in systems engineering, modeling, GIS design and development, IT, business, administrative and acquisition systems, languages/translations, regulatory reporting, monitoring, and enforcement systems development and related areas at state and national level. These systems include (among others) research and fishing vessels, ocean and atmospheric physical systems, biological, meteorological and oceanographic data acquisition and processing systems, ship and facility systems in support of environmental services, data recording and analysis systems, and complex modeling systems. May supervise senior staff.

Minimum Education: MS or MA in Engineering, physical sciences, mathematics, computer science, IT, Business or relevant subject

Minimum Experience: 10 years of relevant experience.

27.   Systems Analyst VI (Human, Biological, Integrated)

Functional Responsibilities: Provides principal level subject matter expertise in science, economics, history, geography, IT, business, GIS application, sociology, regulatory and related areas at state and national level. Such systems include (among others) ecosystems, communities, prehistoric and present cultures, and international relationships. May supervise and support senior staff. Examples include (but not limited to) Computer Science, Mathematics, Mathematical Statistics, Operations Research, and Statistics.

Minimum Education: MS or MA in Science, Economics, IT, History, Anthropology, Geography, Sociology, Business or relevant subject

Minimum Experience: 14 years of relevant experience.

28.   Systems Analyst VI (Physical and Technical)

Functional Responsibilities: Provides principal level subject matter expertise in systems engineering, modeling, GIS design and development, IT, business, administrative and acquisition systems, languages/translations, regulatory reporting, monitoring, and enforcement systems development and related areas at state and national level. These systems include (among others) research and fishing vessels, ocean and atmospheric physical systems, biological, meteorological and oceanographic data acquisition and processing systems, ship and facility systems in support of environmental services, data recording and analysis systems, and complex modeling systems. May supervise and support senior staff.

Minimum Education: MS or MA in Science, Economics, IT, History, Anthropology, Geography, Sociology, Business or relevant subject

Minimum Experience: 14 years of relevant experience.

29.   Technical Writer I

Functional Responsibilities: Prepares manuals, reports, procedures, brochures, guides, media products, specifications, and technical documentation under guidance of senior staff. Provides languages/translations as required.

Minimum Education: Bachelor degree: English, Languages, Science or technical field

Minimum Experience: No experience required.

30.   Technical Writer II

Functional Responsibilities: Prepares manuals, reports, procedures, brochures, guides, media products,specifications, and other technical documentation under guidance of senior staff. Provides languages/translations as required.

Minimum Education: BA in English, Languages, Science, Business or technical field

Minimum Experience: 3 years of relevant experience.

31.   Technical Writer III

Functional Responsibilities: Prepare manuals, reports, guides, procedures, brochures, media products,specifications, and related materials working independently in complex situations. May provide mid level to senior subject matter expertise in science, engineering, economics, history, IT, geography, sociology, administrative and acquisition systems, regulatory systems and related areas at state and national level. May supervise junior staff.

Minimum Education: MA/MS in English, Languages, Journalism, scientific or technical discipline

Minimum Experience: 5 years of relevant experience.

32.   Technical Writer IV

Functional Responsibilities: Prepare manuals, reports, guides, procedures, brochures, media products,specifications, and related materials working independently in complex situations. May provide senior subject matter expertise in science, engineering, economics, history, IT, geography, sociology, administrative and acquisition systems, regulatory systems and related areas at state and national level. May supervise senior staff

Minimum Education: MA/MS in English, Languages, Journalism, scientific or technical discipline

Minimum Experience: 10 years of relevant experience.

33.   Executive Consultant I

Functional Responsibilities: Responsible for methods to advise client. Provides extensive top-level expertise in management of national and international, IT, science, engineering projects to upper management. Provides subject matter expertise in science, technology, history, geography., sociology, administrative systems, regulatory and related areas at state, national and/or international level. Organizes and provides expert testimony. Represents or assists client's senior-most managers.

Minimum Education: PhD in Engineering, Science, IT, History, Geogrpahy., Sociology, Management, Business or relevant field.

Minimum Experience: 15 years of directly related experience.

34.   Executive Consultant II

Functional Responsibilities: Responsible for consulting methods to advise client. Provides extensive senior-most level expertise in management of national and international projects to upper management. Provides subject matter expertise in science, technology, history, geog., sociology, administrative systems, regulatory and related areas at state, national and/or international level. Organizes and provides expert testimony. Represents client with client's Board of Directors, legislatures, and regulatory groups.

Minimum Education: PhD in Engineering, Science, IT, History, Geography., Sociology, Management, Business or relevant field.

Minimum Experience: 20 years of directly related experience.

35.   Operations Manager/Supervisor

Functional Responsibilities: Coordinate activities in a field, office, shop or lab environment. Establish work goals and timelines and assign tasks as needed to team members. Oversee work conducted and ensure proper coordination and communication of deliverables.

Minimum Education: High school diploma or equivalent.

Minimum Experience: 10 years relevant experience.

36.   Boat/Equipment Operator I

Functional Responsibilities: Operates small vessels (35 feet or less) and other equipment as required to collect data, support science operations and transport personnel and equipment. May perform appropriate vessel and equipment repair and maintenance as needed.

Minimum Education: High school diploma or equivalent.

Minimum Experience: 1 year relevant experience.

37.   Boat/Equipment Operator II

Functional Responsibilities: Operates small vessels (70 feet or less) and other equipment as required to collect data, support science operations and transport personnel and equipment May perform appropriate vessel and equipment repair and maintenance as needed.

Minimum Education: High school diploma or equivalent and United States Coast Guard (USCG) Operator of Uninspected Passenger Vessels (OUPV) license for vessel operations or other licenses/certifications applicable to operations of other equipment.

Minimum Experience: 3 years relevant experience.

38.   Boat/Equipment Operator III

Functional Responsibilities: Operates vessels and other equipment as required to collect data, support science operations and transport personnel and equipment. May perform appropriate vessel and equipment repair and maintenance as needed. Responsibilities may also include directing and coordinating all operations of sample cruises (e.g., organizing and managing a fleet of vessels) or equipment operations.

Minimum Education: High school diploma or equivalent and United States Coast Guard (USCG) Operator of Uninspected Passenger Vessels (OUPV) license for vessel operations or other licenses/certifications applicable to operations of other equipment.

Minimum Experience: 5 years relevant experience.

39.   Deckhand/Equipment Technician I

Functional Responsibilities: Deploy, operate and retrieve gear, and equipment in support of science operations. Assist in equipment transfers, fuel vessels and equipment, inspect and maintain lines, stand

watch, safely secure vessels and equipment. May also repair and maintain vessels and equipment and assist with assembling and repairing gear.

Minimum Education: High school diploma or equivalent.

Minimum Experience: 1 year relevant experience.

40.   Deckhand/Equipment Technician II

Functional Responsibilities: Deployment, operation, retrieval, and repair of gear and equipment in support of science operations. Fuel vessels and equipment, assist in equipment transfers, inspect and maintain lines, stand watch, and safely secure vessels and equipment. May also repair and maintain vessels and equipment. Responsible for designing, assembling, and repairing gear used in project operations.

Minimum Education: High school diploma or equivalent.

Minimum Experience: 5 years relevant experience.

41.   Marine/Equipment Mechanic I

Functional Responsibilities: Works as a subordinate-level mechanic involved in the maintenance and repair of gasoline and diesel engines, electrical motors, machinery, and related equipment in support of science operations. May assist in preventive maintenance programs for vessels and related equipment.

Minimum Education: High school diploma or equivalent.

Minimum Experience: One year relevant experience.

42.   Marine/Equipment Mechanic II

Functional Responsibilities: Independently perform skilled work in the maintenance and repair of gasoline and diesel engines, electrical motors, machinery, and related equipment in support of science operations.. May perform major and specialized mechanical and electrical overhaul and repair work on engines and equipment. Performs preventive maintenance programs for vessels and equipment.

Minimum Education: Trade school or equivalent.

Minimum Experience: Three years relevant experience.

43.   Marine/Equipment Mechanic III

Functional Responsibilities: Autonomous mechanic who can independently perform major and specialized mechanical and electrical overhaul and repair work on gasoline and diesel engines, electrical motors and equipment in support of science operations.. May establish and maintain a preventive maintenance program for engines and equipment.

Minimum Education: Trade school or equivalent.

Minimum Experience: Five years relevant experience.

44. Clerical/Administrative/Technician I

Functional Responsibilities: For clerical/administrative roles, provides office clerical, secretarial, and administrative functions including but not limited to program support administration, financial analysis, reporting, information management, travel management, inventory control and clerical support. In IT roles, assists in installation, configuration and integration of hardware, software and network components as directed. This is an entry level position and works under general supervision.

Minimum Education: High School Diploma

Minimum Experience: No experience required

45. Administrative/Technician II

Functional Responsibilities: Provides intermediate subject matter expertise in administrative systems, IT, science, engineering and related areas under guidance of senior staff. In IT, serves as an expert in software setup and use, network use, and maintenance of information systems. Assists in installation, configuration and integration of hardware, software and network components as directed. In administrative roles, performs office clerical, secretarial, and administrative functions including but not limited to program support administration, financial analysis, reporting, information management, travel management, inventory control and clerical support. Works under general supervision.

Minimum Education: High School Diploma

Minimum Experience: 2 years of relevant experience

46. Administrative/Technician III

Functional Responsibilities: Provides subject matter expertise in administrative systems, IT, science, engineering and related areas under guidance of senior staff. In IT, serves as an expert in software setup and use, network use, and maintenance of information systems. Supervises installation, configuration and integration of hardware, software and network components. In administrative roles, performs office clerical and administrative functions including but not limited to program support administration, financial analysis, reporting, information management, travel management, inventory control, briefings/presentations and clerical support. Works with limited supervision and direction. Required to use judgment and initiative in problem solving. Provides supervision to junior administrative assistants.

Minimum Education: Bachelor's Degree

Minimum Experience: 3 years of relevant experience

47. IT Project Manager I

Functional Responsibilities: Manages one or more aspects on a client project. Activities include, but are not limited to, project planning, project monitoring and control, technical oversight, personnel management, risk management, supplier management, reporting and customer coordination. Works

under supervision of more senior project manager for large, complicated projects. Supports a client's senior managers.

Minimum Education: Bachelor's Degree in Information Technology, Engineering, Business, Science or relevant field.

Minimum Experience: 1 year of relevant experience

48. IT Project Manager II

Functional Responsibilities: Manages one or more aspects on a client project. Activities include, but are not limited to, project planning, project monitoring and control, technical oversight, personnel management, risk management, supplier management, reporting and customer coordination. Works under supervision of more senior project manager for large, complicated projects. Supports a client's senior managers. May mentor IT Project Manager I.

Minimum Education: Bachelor's Degree in Information Technology, Engineering, Business, Science or relevant field.

Minimum Experience: 3 years of relevant experience

49. IT Project Manager III

Functional Responsibilities: Manages one or more client projects. Activities include, but are not limited to, project planning, project monitoring and control, technical oversight, personnel management, risk management, supplier management, and reporting. Responsible for technical, cost and schedule performance of the project. Interacts directly with the client as needed to coordinate program activities. Supports client's senior managers. May supervise and/or mentor IT Project Manager I and II.

Minimum Education: Bachelor's Degree in Information Technology, Engineering, Business, Science or relevant field.

Minimum Experience: 5 years of relevant experience

50. IT Project Manager IV

Functional Responsibilities: Plan and direct technological improvements and project management implementation. Encompasses all management functions necessary to manage the planning and execution of IT systems throughout the engineering lifecycle. Responsible for technical, cost and schedule performance of the project. Provides programmatic oversight and direction on behalf of a customer to support the development of such systems. Provides supervision to junior project managers on complex client assignments. May supervise and/or mentor IT Project Manager I, II, and III.

Minimum Education: Bachelor's Degree in Information Technology, Engineering, Business, Science or relevant field.

Minimum Experience: 7 years of relevant experience

51.   IT Consultant I

Functional Responsibilities: Mid-level subject matter or industry expert in technical or functional field. Provides consultative services for projects related to their area of expertise. Provides mid-level subject matter expertise in information technology, engineering, business, administrative systems, or other acquisition programs. Gathers data, conducts analysis, produces and reviews deliverables (reports, briefings, etc). Works independently or as part of a project team.

Minimum Education: Bachelor's Degree in Information Technology, Engineering, Business, Science or relevant field.

Minimum Experience: 5 years of relevant experience

52.   IT Consultant II

Functional Responsibilities: Subject matter or industry expert in a technical or functional field. Provides consultative services for projects related to their area of expertise. Provides senior level subject matter expertise in information technology, engineering, business, acquisitions, administrative systems and related areas at state, national and/international level. Leads small teams to gather data, conduct analysis, produce and review deliverables (reports, briefings, etc). Provides program and task order management support. May supervise other more junior staff. Works with minimal supervision.

Minimum Education: Bachelor's Degree in Information Technology, Engineering, Business, Science or relevant field.

Minimum Experience: 8 years of relevant experience

53.   IT Consultant III

Functional Responsibilities: Recognized as a subject matter or industry expert in technical or functional field. Provides consultative services for projects related to area of expertise. Provides senior level subject matter expertise in information technology, engineering, business, administrative systems, acquisitions and related areas at state, national and/or international level. Leads project teams to gather data, conduct analysis, produce and review deliverables (reports, briefings, etc.). Provides technical oversight of individual projects and program management. Supports senior client staff. May supervise subcontractors.

Minimum Education: Bachelor's Degree in Information Technology, Engineering, Business, Science or relevant field.

Minimum Experience: 12 years of relevant experience

54.   IT Consultant IV

Functional Responsibilities: Widely recognized as a subject matter or industry expert in technical, engineering or functional field. Provides consultative services for programs related to their area of expertise. Provides senior level subject matter expertise in information technology, engineering, business, administrative systems, acquisitions and related areas at state, national and/or international

levels. Leads project teams to gather data, conduct analysis, produce and review deliverables (reports, briefings, etc).   Provides technical oversight of individual projects and program management. Point of contact for interaction with senior client management and staff.

Minimum Education Bachelor's Degree Information Technology, Engineering, Business, Science or relevant field.

Minimum Experience: 15 years of relevant experience

55.   Systems Administrator I

Functional Responsibilities: Maintains data files and control procedures for a simple system of networked personal computers or for a group of desktop computers linked to a host server. Responsible for system security and data integrity. Assigns passwords and monitors use of resources. Back up files as required. May produce periodic business reports, generate output such as labels, letters, and forms, and respond to frequent management request for information. May require extensive knowledge of software such as Microsoft Office and similar suites of business applications. May be a resident expert for applications running on a department-wide LAN or for the entire computer system in a smaller enterprise.

Minimum Education: High School Diploma (equivalent technical training and/or certifications can be substituted for academic degrees)

Minimum Experience: 1 Year of relevant experience

56.   Systems Administrator II

Functional Responsibilities: Maintains data files and control procedures for a simple system of networked personal computers or for a group of desktop computers linked to a host server. Responsible for system security and data integrity. Assigns passwords and monitors use of resources. Back up files as required. May produce periodic business reports, generate output such as labels, letters, and forms, and respond to frequent management requests for information. May require extensive knowledge of software such as Microsoft Office and similar suites of business applications. May be a resident expert for applications running on a department-wide LAN or for the entire computer system in a smaller enterprise. May mentor Systems Administrator I.

Minimum Education: Bachelor's Degree Information Technology, Engineering, Business, Science or relevant field.

Minimum Experience: 3 Years

57.   Systems Administrator III

Functional Responsibilities: Installs new software releases, system upgrades, evaluates and installs patches and resolves software related problems. Performs system backups and recovery. Maintains data files and monitors system configuration to ensure data integrity. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a project leader or manager. A certain degree of creativity and latitude is required.

Familiar with standard concepts, practices, and procedures within a particular field. May supervise and/or mentor Systems Administrator I and II.

Minimum Education: Bachelor's Degree Information Technology, Engineering, Business, Science or relevant field.

Minimum Experience: 5 years of relevant experience

58. Systems Administrator IV

Functional Responsibilities: Installs new software releases, system upgrades, evaluates and installs patches and resolves software related problems. Performs system backups and recovery. Maintains data files and monitors system configuration to ensure data integrity. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a project leader or manager. A certain degree of creativity and latitude is required. Familiar with standard concepts, practices, and procedures within a particular field. May supervise and/or mentor Systems Administrator I, II, and III.

Minimum Education: Bachelor's Degree in Information Technology, Engineering, Business, Science or relevant field.

Minimum Experience: 7 years of relevant experience

59. Systems Administrator V

Functional Responsibilities: Installs new software releases, system upgrades, evaluates and installs patches and resolves software related problems. Performs system backups and recovery. Maintains data files and monitors system configuration to ensure data integrity. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a project leader or manager. A certain degree of creativity and latitude is required. Familiar with standard concepts, practices, and procedures within a particular field. Will likely supervise and/or mentor Systems Administrator I, II, III, and IV.

Minimum Education: Bachelor's Degree Information Technology, Engineering, Business, Science or relevant field.

Minimum Experience: 10 years of relevant experience

60. Systems Engineer I

Functional Responsibilities: Assists in systems engineering tasks, including concept definition, requirements analysis, architecture, detail design, modeling and analysis, integration, verification and validation, system testing and transition to operations. Develops system requirements and interface controls to integrate networks, operating systems, legacy systems and high-end technologies to provide system solutions. Works as part of a team under the supervision of more senior systems engineers for complex efforts.

Minimum Education: High School Diploma (equivalent technical training and/or certifications can be substituted for academic degrees)

Minimum Experience: 1 year of relevant experience

61.   Systems Engineer II

Functional Responsibilities: Perform basic systems engineering for computer hardware and software at a technical level for LANs and WANs. Handle customer service calls and troubleshoot network problems. Provides input to and collaborates with cross-organizational teams. Possess good communication skills. Performs technical planning, system integration, verification and validation, cost and risk, and supportability and effectiveness analyses for total systems under the guidance of senior system engineers.. Analyses are performed at all levels of total system product to include concept, design, test, installation, operation, maintenance and disposal. Ensures the logical and systematic conversion of customer or product requirements into total systems solutions that account for technical, schedule, and cost constraints. Performs functional analysis, timeline analysis, detailed trade studies, requirements allocation and interface definition studies to translate customer requirements into hardware and software specifications. Experience with commercial and open source geospatial software. Provides input to and collaborates with cross-organizational teams. Supports teams and working groups that assess needs and develop solutions that satisfy functional requirements. Possess some experience in the administration, configuration and troubleshooting of the cloud infrastructure and its components. May mentor Systems Engineer I.

Minimum Education: Bachelor's in Information Technology, Systems Engineering, Science or relevant field.

Minimum Experience: 3 years of relevant experience

62.   Systems Engineer III

Functional Responsibilities: Perform intermediate systems engineering for computer hardware and software at a technical level for LANs and WANs. Handle customer service calls and troubleshoot network problems. Provides input to and collaborates with cross-organizational teams. Possess good communication skills. Performs technical planning, system integration, verification and validation, cost and risk, and supportability and effectiveness analyses for total systems under the guidance of senior system engineers.. Analyses are performed at all levels of total system product to include concept, design, test, installation, operation, maintenance and disposal. Ensures the logical and systematic conversion of customer or product requirements into total systems solutions that account for technical, schedule, and cost constraints. Performs functional analysis, timeline analysis, detailed trade studies, requirements allocation and interface definition studies to translate customer requirements into hardware and software specifications. Experience with commercial and open source geospatial software. Provides input to and collaborates with cross-organizational teams. Supports teams and working groups that assess needs and develop solutions that satisfy functional requirements. Possess some experience in the

administration, configuration and troubleshooting of the cloud infrastructure and its components. May mentor/supervise Systems Engineer I and II.

Minimum Education: Bachelor's in Information Technology, Systems Engineering, Science or relevant field.

Minimum Experience: 5 years of relevant experience

63.   Systems Engineer IV

Functional Responsibilities: Perform advanced systems engineering for computer hardware and software at a technical level for LANs and WANs. Handle customer service calls and troubleshoot network problems. Provides input to and collaborates with cross-organizational teams. Possess good communication skills. Performs technical planning, system integration, verification and validation, cost and risk, and supportability and effectiveness analyses for total systems under the guidance of senior system engineers.. Analyses are performed at all levels of total system product to include concept, design, test, installation, operation, maintenance and disposal. Ensures the logical and systematic conversion of customer or product requirements into total systems solutions that account for technical, schedule, and cost constraints. Performs functional analysis, timeline analysis, detailed trade studies, requirements allocation and interface definition studies to translate customer requirements into hardware and software specifications. Experience with commercial and open source geospatial software. Provides input to and collaborates with cross-organizational teams. Supports teams and working groups that assess needs and develop solutions that satisfy functional requirements. Possess some experience in the administration, configuration and troubleshooting of the cloud infrastructure and its components. May mentor/supervise Systems Engineer I, II and III.

Minimum Education: Bachelor's in Information Technology, Systems Engineering, Science or relevant field.

Minimum Experience: 7 years of relevant experience

64.   Systems Engineer V

Functional Responsibilities: Leads advanced systems engineering for computer hardware and software at a technical level for LANs and WANs. Handle customer service calls and troubleshoot network problems. Provides input to and collaborates with cross-organizational teams. Possess good communication skills. Performs technical planning, system integration, verification and validation, cost and risk, and supportability and effectiveness analyses for total systems. Analyses are performed at all levels of total system product to include concept, design, test, installation, operation, maintenance and disposal. Ensures the logical and systematic conversion of customer or product requirements into total systems solutions that account for technical, schedule, and cost constraints. Performs functional analysis, timeline analysis, detailed trade studies, requirements allocation and interface definition studies to translate customer requirements into hardware and software specifications. Experience with commercial and open source geospatial software. Provides input to and collaborates with cross-organizational teams. Supports teams and working groups that assess needs and develop solutions that satisfy functional requirements. Possess some experience in the administration, configuration and troubleshooting of the cloud infrastructure and its components. Likely mentors/supervises Systems Engineer I, II, III, and IV.

Minimum Education: Bachelor's in Information Technology, Systems Engineering, Science or relevant field.

Minimum Experience: 10 years of relevant experience

65. Software Engineer I

*Functional Responsibilities***:** Assists in design and coding of software components, units, and modules according to detailed specifications. Participates in analysis and development of test plans. Tests assigned components and units. Provides test results and recommends corrections to senior developers. Requires practical knowledge of one or more platforms and operating systems, and of programming languages. Typically requires knowledge of one or more systems architectures. 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 and guidance.

Minimum Education: High School Diploma (equivalent technical training and/or certifications can be substituted for academic degrees)

Minimum Experience: 1 year of relevant experience

66. Software Engineer II

Functional Responsibilities: Assists in engineering tasks necessary for all aspects of software production, including requirements analysis and specification, design, development, integration and test of software systems. Applies open technical standards and protocols to deliver quality designs and products which can interoperate with other software. Performs detailed design of software units to meet functional and interface requirements. Performs unit and system level testing of software. Familiar with industry standards for software engineering. Works as part of a team under the supervision of more senior software engineers for complex efforts. May mentor Software Engineer I.

Minimum Education: Bachelor's degree in Information Technology, Computer Science, Engineering or relevant field.

Minimum Experience: 3 years of relevant experience

67. Software Engineer III

Functional Responsibilities: Performs intermediate engineering tasks necessary for all aspects of software production, including requirements analysis and specification, design, development, integration and test of software systems. Applies open technical standards and protocols to deliver quality designs and products which can interoperate with other software. Performs detailed design of software units to meet functional and interface requirements. Performs unit and system level testing of software. Contributes training material and conducts customer training on delivered products. Experienced with industry standards for software engineering. Works independently or as part of a team with more senior software engineers for complex efforts. May mentor/supervise Software Engineer I and II.

Minimum Education: Bachelor's degree in Information Technology, Computer Science, Engineering or relevant field.

Minimum Experience: 5 years of relevant experience

68.   Software Engineer IV

Functional Responsibilities: Performs advanced engineering tasks necessary for production of software, including requirements analysis and specification, design, development, integration and test of software systems. Applies open technical standards and protocols to deliver quality designs and products which can interoperate with other software. Performs detailed design of software units to meet functional and interface requirements. Performs unit and system level testing of software. Develops training material and conducts customer training on delivered products. Maintains a broad knowledge of software engineering. Demonstrated ability to work independently or as part of a team with more senior software engineers on complex efforts. May mentor/supervise Software Engineer I, II, and III.

Minimum Education: Bachelor's degree in Information Technology, Computer Science, Engineering or relevant field.

Minimum Experience: 7 years of relevant experience

69.   Software Engineer V

Functional Responsibilities: Leads teams performing engineering tasks necessary for all aspects of software production, including requirements analysis and specification, design, development, integration and test of software systems. Applies open technical standards and protocols to deliver quality designs and products which can interoperate with other software. Directs the detailed design of software systems to meet functional and interface requirements. Plans, coordinates and supervises system level testing of software. Maintains a broad knowledge of software engineering principles. Responsible for technical, cost and schedule performance of software engineering projects. Likely mentors/supervises Software Engineer I, II, II, IV.

Minimum Education: Bachelor's degree in Information Technology, Computer Science, Engineering or relevant field.

Minimum Experience: 10 years of relevant experience

70.   Business Analyst I

*Functional Responsibilities***:** Assist in gathering customer requirements and documenting business needs. Requires participation and collaboration in the software development lifecycle process, including with end users, product owners, and cross-discipline teams. Relies on instructions and pre-established guidelines to perform the functions of the job. Roles and responsibilities are limited in scope and complexity and are completed with guidance and oversight.

Minimum Education: High School Diploma (equivalent technical training and/or certifications can be substituted for academic degrees)

Minimum Experience: 1 years of relevant experience

71.   Business Analyst II

*Functional Responsibilities***:** Assist in gathering customer requirements and documenting business needs. Identify key success criteria for delivery of software products, processes, and systems. Interface with the product owners to present requirements documents. Perform software testing. Requires participation and collaboration in the software development lifecycle process, including with end users, product owners, and cross-discipline teams. May provide mentoring to Business Analyst I.

Minimum Education: Bachelor's in Information Technology, Systems Engineering, Science or relevant field.

Minimum Experience: 3 years of relevant experience

72.   Business Analyst III

*Functional Responsibilities***:** Lead the gathering of customer requirements and documenting business needs. Identify key success criteria for delivery of software products, processes, and systems. Interface with the product owners to present requirements documents.   Document business requirements in issue tracking software. Participate in routine development team meetings; document changes as needed. Perform software testing and participate in sprint planning and sprint showcase efforts. Requires participation and collaboration in the software development lifecycle process, including with end users, product owners, and cross-discipline teams. Provides oversight and mentoring to Business Analyst I and II.

Minimum Education: Bachelor's in Information Technology, Systems Engineering, Science or relevant field.

Minimum Experience: 5 years of relevant experience

73.   Business Analyst IV

*Functional Responsibilities***:** Lead the gathering of customer requirements and documenting business needs. Identify key success criteria for delivery of software products, processes, and systems. Interface with the product owners to present requirements documents. Document business requirements in issue tracking software. Lead routine development team meetings and document changes as needed. Perform software testing; lead sprint planning and sprint showcase efforts. Requires participation and collaboration in the software development lifecycle process, including with end users, product owners, and cross-discipline teams. Lead and actively participate in the development and implementation of new processes that improve efficiency and enhance productivity. Provides oversight and mentoring to Business Analyst I, II, and III.

Minimum Education: Bachelor's in Information Technology, Systems Engineering, Science or relevant field.

Minimum Experience: 7 years of relevant experience

74.   Business Analyst V

*Functional Responsibilities***:** Lead the gathering of customer requirements and documenting business needs. Using expert level experience, introduce new methods and technologies for collecting and eliciting user requirements in an efficient manner. Identify key success criteria for delivery of software products, processes, and systems. Interface with the product owners to present requirements documents. Document business requirements in issue tracking software. Lead routine development team meetings and document changes as needed. Perform software testing; lead sprint planning and sprint showcase efforts. Requires participation and collaboration in the software development lifecycle process, including with end users, product owners, and cross-discipline teams. Lead the development and implementation of new processes that improve efficiency and enhance productivity. Document process changes and lead implementation as needed. Provides oversight and mentoring to Business Analyst I, II, III, and IV.

Minimum Education: Bachelor's in Information Technology, Systems Engineering, Science or relevant field.

Minimum Experience: 10 years of relevant experience

75.   Developer I

*Functional Responsibilities***:** Tests, debugs and refines software applications to meet functional specifications. Develops products and prepares applicable documentation. Provides input to and collaborates with cross-organizational teams. 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. Roles and responsibilities are limited in scope and complexity and are completed with guidance and oversight.

Minimum Education: High School Diploma (equivalent technical training and/or certifications can be substituted for academic degrees)

Minimum Experience: 1 year of relevant experience

76.   Developer II

Functional Responsibilities: Performs software development tasks as assigned, including development, unit testing, and debugging of computer software. Contributes to system testing and documentation as directed. Performs programing and numerical analyses, analyzes, designs, codes, and documents complex applications for information systems; incorporates databases in software design; supports the introduction of computer aided software engineering methodology and tools; experienced using integrated development environments. Familiar with a variety of modern programming languages (e.g. C++, Java, Perl, etc.), web development technologies (e.g. HTML, JavaScript, PHP, etc.) and development tools (Eclipse, IntelliJ IDEA, etc.). Familiar with common source code control tools (e.g. Subversion), build management systems (e.g. Apache Ant, Maven, Bamboo, etc.) and issue/bug tracking systems (e.g. Bugzilla, JIRA, etc.). Works as part of a team under the supervision of more senior engineers for complex efforts. May mentor Developer I.

Minimum Education: Bachelor's in Information Technology, Computer Science, Engineering, or relevant field.

Minimum Experience: 3 years relevant experience required

77. Developer III

Functional Responsibilities: Performs intermediate software development tasks, including design, development, unit testing, and debugging of computer software. Performs system testing; creates user documentation. Performs programing and numerical analyses, analyzes, designs, codes, and documents complex applications for information systems; incorporates databases in software design; experienced in computer aided software engineering methodology and tools. Experienced in developing for several target operating systems; experienced using a variety of modern programming languages, web development technologies and development environments. Experienced using web server technologies. Employs common source code control tools, build management systems and issue/bug tracking systems. Works independently or as part of a team under the supervision of more senior engineers for complex efforts. May mentor/supervise Developer I and II.

Minimum Education: Bachelor's in Information Technology, Computer Science, Engineering, or relevant field.

Minimum Experience: 5 years of relevant experience

78. Developer IV

Functional Responsibilities: Performs advanced software development tasks, including design, code development, code documentation, unit testing, and debugging of computer software. Performs system testing; creates user documentation. Performs programing and numerical analyses, analyzes, designs, codes, and documents complex applications for information systems; incorporates databases in software design; experienced in computer aided software engineering methodology and tools. Experienced in developing for several target operating systems; experienced using a variety of modern programming languages, web development technologies and development environments. Experienced using web service solution stacks. Implements and manages source code control tools, build management systems, and issue/bug tracking systems for complex projects. Provides peer reviews of computer code and other deliverable products. Demonstrated ability to work independently or as part of a team with other engineers on complex efforts. May mentor/supervise Develop II, II, and III.

Minimum Education: Bachelor's in Information Technology, Computer Science, Engineering, or relevant field.

Minimum Experience: 8 years of relevant experience

79. Developer V

Functional Responsibilities: Leads teams developing software, including design, code development, code documentation, unit and system testing, and debugging of computer software. Plans and manages system testing. Experienced in computer aided software engineering methodology and tools. Experienced in developing for several target operating systems; experienced using a variety of modern

programming languages, web development technologies and development environments. Experienced using web service solution stacks. Implements and manages a development infrastructure including source code control tools build management systems and issue/bug tracking systems. Responsible for technical, cost and schedule performance of software development assignments. Likely mentors/supervises Developer I, II, III, IV.

Minimum Education: Bachelor's in Information Technology, Computer Science, Engineering, or relevant field.

Minimum Experience: 10 years of relevant experience

80.   Web Designer /Developer I

*Functional Responsibilities***:** Provides Web design and front end software development support. Possess strong creative and technical skills. Writes computer code that results in an easy-to-use product. Possesses a working knowledge of user centered design (UCD) patterns and best practices, 508 compliance and accessibility. 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. Roles and responsibilities are limited in scope and complexity and are completed with guidance and oversight.

Minimum Education: High School Diploma (equivalent technical training and/or certifications can be substituted for academic degrees)

Minimum Experience: 1 year of relevant experience

81.   Web Designer /Developer II

*Functional Responsibilities***:** Provides Web design and front end software development support. Designs, develops, and analyzes highly complex software programs for computer based systems. Possess strong creative and technical skills. Consult with software application end users, or proxies, to understand their goals and objectives. Conduct usability testing, develop usage scenarios and personas, create wireframes, sitemaps, storyboards, and screen flows. Writes computer code that results in an easy-to-use product. Possesses a working knowledge of user centered design (UCD) patterns and best practices, 508 compliance and accessibility. Has knowledge of commonly used concepts, practices, and procedures within a particular field. May mentor Web Designer/ Developer I.

Minimum Education: Bachelor's in Information Technology, Computer Science, Engineering, or relevant field.

Minimum Experience: 3 years relevant experience required

82.   Web Designer /Developer III

*Functional Responsibilities***:** Provides intermediate Web design and front end software development support. Designs, develops, and analyzes highly complex software programs for computer based systems. Creates compelling and satisfying experiences for users of a product. Possess strong creative and technical skills. Consult with software application end users, or proxies, to understand their goals and objectives. Conduct usability testing, develop usage scenarios and personas, create wireframes,

sitemaps, storyboards, and screen flows. Writes computer code that results in an easy-to-use product. Participates in software design groups to meet user requirements. Provides knowledge of user centered design (UCD) patterns and best practices, 508 compliance and accessibility. May mentor/supervise Web Designer/ Developer I and II.

Minimum Education: Bachelor's in Information Technology, Computer Science, Engineering, or relevant field.

Minimum Experience: 5 years of relevant experience

83. Web Designer /Developer IV

*Functional Responsibilities***:** Requires extensive experience in all phases of the web application development life cycle and an excellent understanding of customer needs and business strategy. Provides advanced Web design and front end software development support. Designs, develops, and analyzes highly complex software programs for computer based systems. Creates compelling and satisfying experiences for users of a product. Possess strong creative and technical skills. Consult with software application end users, or proxies, to understand their goals and objectives. Leads usability testing, develop usage scenarios and personas, creates wireframes, sitemaps, storyboards, and screen flows. Writes computer code that results in an easy-to-use product. Participates and often leads software design groups to meet user requirements. Provides high level knowledge of user centered design (UCD) patterns and best practices, 508 compliance and accessibility. Participates in software architecture working groups as needed, including coverage of strategic topics such as cloud migration and secure coding and development infrastructure. May mentor/supervise Web Designer/ Developer I, II, and III.

Minimum Education: Bachelor's in Information Technology, Computer Science, Engineering, or relevant field.

Minimum Experience: 8 years of relevant experience

84. Web Designer /Developer V

*Functional Responsibilities***:** Requires extensive experience in all phases of the web application development life cycle and an excellent understanding of customer needs and business strategy. Leads Web design and front end software development support. Designs, develops, and analyzes highly complex software programs for computer based systems. Creates compelling and satisfying experiences for users of a product. Possess strong creative and technical skills. Consult with software application end users, or proxies, to understand their goals and objectives. Leads usability testing, develop usage scenarios and personas, creates wireframes, sitemaps, storyboards, and screen flows. Writes computer code that results in an easy-to-use product. Leads software design groups to meet user requirements. Provides expert knowledge of user centered design (UCD) patterns and best practices, 508 compliance and accessibility. Demonstrates high level expertise in various aspects of user focused software development. Participates or leads software architecture working groups as needed, including coverage

of strategic topics such as cloud migration and secure coding and development infrastructure. Likely mentors/supervises Web Designer/ Developer I, II, III, and IV.

Minimum Education: Bachelor's in Information Technology, Computer Science, Engineering, or relevant field.

Minimum Experience: 10 years of relevant experience

85.   Database Administrator I

*Functional Responsibilities***:** Provide analysis of database and database driven application problems and issues. Prepare data design documents and support existing database schemas and systems. Provide support to data stewards and quality assurance teams with data comparison. Requires experience with non-spatial data. Relies on instructions and pre-established guidelines to perform the functions of the job. Roles and responsibilities are limited in scope and complexity and are completed with guidance and oversight.

Minimum Education: High School Diploma (equivalent technical training and/or certifications can be substituted for academic degrees)

Minimum Experience: 1 year of relevant experience

86.   Database Administrator II

*Functional Responsibilities***:** Provide analysis of database and database driven application problems and issues; troubleshoot and resolve issues as necessary. Prepare data design documents and support existing database schemas and systems. Provide support to data stewards and quality assurance teams with data comparison. Requires experience with non-spatial data. Actively participate in the development and implementation of new processes that improve efficiency and enhance productivity. Experience with data replication and data migration tools and knowledge of database engineering best practices. May mentor Database Administrator I.

Minimum Education: Bachelor's in Information Technology, Computer Science, Engineering, or relevant field.

Minimum Experience: 3 years relevant experience required

87.   Database Administrator III

*Functional Responsibilities***:** Requires database administration experience, including install, set up, patching, upgrading of various database software. Provide detailed analysis of database and database driven application problems and issues; troubleshoot and resolve issues as necessary. Consult with database and database-driven application end users, or proxies, to understand their goals and objectives. Requires participation and collaboration in the software development lifecycle process, including with end users, product owners, and cross-discipline teams. Prepare database design and data modeling documents and implementations to meet user goals. Actively participate in the development and implementation of new processes that improve efficiency and enhance productivity. Experience in database schema design and maintenance, and experience designing and tuning highly available and high-volume transactional databases. Experience with data replication and data migration tools and

knowledge of database engineering best practices. Experience with both spatial and non- spatial data. May mentor/supervise Database Administrator II and I.

Minimum Education: Bachelor's in Information Technology, Computer Science, Engineering, or relevant field.

Minimum Experience: 5 years relevant experience required

88.   Database Administrator IV

*Functional Responsibilities***:** Requires extensive database administration experience, including install, set up, patching, upgrading of various database software. Provide detailed analysis of database and database driven application problems and issues; troubleshoot and resolve issues as necessary. Consult with database and database-driven application end users, or proxies, to understand their goals and objectives. Requires participation and collaboration in the software development lifecycle process, including with end users, product owners, and cross-discipline teams. Leads preparation of database design and data modeling documents and implementations to meet user goals. Actively participate in the development and implementation of new processes that improve efficiency and enhance productivity. Extensive experience in database schema design and maintenance, designing and tuning highly available and high-volume transactional databases, data replication and data migration tools and high level knowledge of database engineering best practices. Extensive experience with both spatial and non-spatial data. Participates in software architecture working groups as needed, including coverage of strategic topics such as cloud migration and secure coding and development infrastructure. May mentor/supervise Database Administrator I, II, and III.

Minimum Education: Bachelor's in Information Technology, Computer Science, Engineering, or relevant field.

Minimum Experience: 8 years relevant experience required.

89.   Database Administrator V

*Functional Responsibilities***:** Requires expert knowledge of database administration, including install, tuning, optimization, patching, and upgrading of various database software. Provide expert level detailed analysis of database and database driven application problems and issues; troubleshoot and resolve issues as necessary. Consult with database and database-driven application end users, or proxies, to understand their goals and objectives. Requires participation and collaboration in the software development lifecycle process, including with end users, product owners, and cross-discipline teams. Lead or direct preparation of database design and data modeling documents and implementations to meet user goals. Lead and actively participate in the development and implementation of new processes that improve efficiency and enhance productivity. Expertise in database schema design and maintenance, designing and tuning highly available and high-volume transactional databases, data replication and data migration tools, and expert-level knowledge of database engineering best practices. Expertise with both spatial and non-spatial data. Participates or leads software architecture working groups as needed, including coverage of strategic topics such as cloud migration and secure coding and software development infrastructure. Likely mentors/supervises Database Administrator I, II, III, and IV.

Minimum Education: Bachelor's in Information Technology, Computer Science, Engineering, or relevant field.

Minimum Experience: 10 years relevant experience required

90. Network Engineer I

*Functional Responsibilities***:** Provides technical support in the installation and maintenance of Local Area Network or Wide Area Network (LAN/WAN). Assists in the evaluation of hardware and software, including peripheral, output, and associated equipment. Installs network hardware and software, including network operating systems. Monitors data communications to ensure that network is available to all users. Troubleshoots and resolves routine problems. Generally responsible for maintaining a simple network or for a section of a larger network. 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 and guidance.

Minimum Education: High School Diploma (equivalent technical training and/or certifications can be substituted for academic degrees)

Minimum Experience: 1 year of relevant experience

91. Network Engineer II

Functional Responsibilities: Assists network engineering for information systems, including design, installation, configuration, test, operation and maintenance of network components such as interface cards, cabling, switches, routers, firewalls, etc. Participates in the installation and acceptance testing of the system network and components. Monitors network performance to ensure quality of service metrics are met. Properly sets configuration options. Familiar with industry standards for information system networks. Assists in the planning and implementation of enhancements and upgrades to the network; may assist in performing cost/benefit studies of network design and assists in recommending enhancements; and isolates, resolves, or circumvents network problems. May mentor Network Engineer I.

Minimum Education: Bachelor's degree in Information Technology, Computer Science, Engineering or relevant field.

Minimum Experience: 3 years of relevant experience

92. Network Engineer III

Functional Responsibilities: Performs intermediate network engineering for information systems, including design, installation, configuration, test, operation and maintenance of network components such as interface cards, cabling, switches, routers, firewalls, etc. Performs installation and acceptance testing of the system network and components. Monitors network performance to ensure quality of service metrics are met. Properly sets configuration options. Experienced with industry standards for information system networks. Performs planning and implementation of enhancements and upgrades to the network; performs cost/benefit studies of network design to recommend enhancements; and isolates, resolves, or circumvents network problems. May mentor/supervise Network Engineer I and II.

Minimum Education: Bachelor's degree in Information Technology, Computer Science, Engineering or relevant field.

Minimum Experience: 5 years of relevant experience

93.   Network Engineer IV

Functional Responsibilities: Performs advanced network engineering for information systems, including design, installation, configuration, test, operation and maintenance of network components such as interface cards, cabling, switches, routers, firewalls, etc. Plans and directs installation and acceptance testing of the system network and components. Monitors network performance to ensure quality of service metrics are met. Properly sets configuration options. Employs industry standards for information system networks. Performs planning and implementation of enhancements and upgrades to the network; performs cost/benefit studies of network design to recommend enhancements; and isolates, resolves, or circumvents network problems. May mentor/supervise Network Engineer I, II, and III.

Minimum Education: Bachelor's degree in Information Technology, Computer Science, Engineering or relevant field.

Minimum Experience: 8 years of relevant experience

94.   Network Engineer V

Functional Responsibilities: Leads teams performing all aspects of network engineering for information systems, including design, installation, configuration, test, operation and maintenance of network components. Plans and directs installation and acceptance testing of the system network and components. Negotiates quality of service metrics in service level agreements. Ensures industry standards are employed in information system network projects. Supervises planning and implementation of enhancements and upgrades to the network; directs cost/benefit studies of network design to recommend enhancements. Responsible for technical, cost and schedule performance of network engineering projects. Likely mentors/supervises Network Engineer I, II, III, and IV.

Minimum Education: Bachelor's degree in Information Technology, Computer Science, Engineering or relevant field.

Minimum Experience: 10 years of relevant experience

95.   Information Assurance Engineer I

*Functional Responsibilities***:** Support the implementation of information systems security in a computer or network system environment. Activities include assisting supported program managers and system owners in developing and maintaining plans of action and milestones (POA&Ms) and implementing mitigations for systems as required. Familiarity with application and IT security is required. Relies on instructions and pre-established guidelines to perform the functions of the job. Roles and responsibilities are limited in scope and complexity and are completed with guidance and oversight.

Minimum Education: High School Diploma (equivalent technical training and/or certifications can be substituted for academic degrees)

Minimum Experience: 1 year of relevant experience

96.   Information Assurance Engineer II

Functional Responsibilities: Assists in tasks to plan, document, implement, monitor and test IT security policy for client systems. Assists in developing an enterprise-wide security architecture. Contributes content to system security plans to document engineering details of the security architecture. Uses automated tools to perform security scans of client information systems. Works with system administrators to remediate any vulnerability discovered. Assists in determining, implementing and monitoring proper security configurations of network components (e.g. routers, firewalls, etc.) and system endpoints (e.g. servers, workstations, printers, etc.) to meet industry standards and vendor recommendations. Participates in information assurance testing (e.g. penetration testing, failover testing) and exercises (e.g. incident response, continuity of operations exercises). Contributes to security test plans and procedures. Familiar with industry standards and government or client requirements for information assurance. Works as part of a team under the supervision of more senior IA engineers for complex efforts. May mentor IA Engineer I.

Minimum Education: Bachelor's degree in Information Technology, Computer Science, Engineering or relevant field.

Minimum Experience: 3 years of relevant experience

97.   Information Assurance Engineer III

Functional Responsibilities: Performs intermediate tasks to plan, document, implement, monitor and test IT security policy for client systems. Assists in developing the client's enterprise-wide security architecture. Gathers information and contributes content to system security plans to document engineering details of the security architecture. Uses automated tools to perform continuous monitoring of the vulnerability status of client information systems. Works with system administrators to remediate any vulnerability discovered. Implements secure configurations of network components and system endpoints to meet industry and vendor recommendations. Plans and participates in information assurance testing (e.g. penetration testing, failover testing) and exercises (e.g. incident response, continuity of operations exercises). Develops security test plans and procedures. Experienced with industry standards and government or client requirements for information assurance. Works independently or as part of a team with more senior IA engineers for complex efforts. Significant knowledge of the field and the ability to work independently on typical assignments. May mentor/supervise IA Engineer I and II.

Minimum Education: Bachelor's degree in Information Technology, Computer Science, Engineering or relevant field.

Minimum Experience: 5 years of relevant experience

98.   Information Assurance Engineer IV

Functional Responsibilities: Performs advanced tasks to plan, document, implement, monitor and test IT security policy for client systems. Develops an enterprise-wide security architecture. Authors system security plans to document engineering details of the security architecture. Directs others in the use of

automated tools to perform continuous monitoring of the vulnerability status of client information systems. Works with system administrators to develop procedures to remediate vulnerabilities. Implements secure configurations of network components and system endpoints to meet industry and vendor recommendations. Plans and participates in information assurance testing (e.g. penetration testing, failover testing) and exercises (e.g. incident response, continuity of operations exercises). Develops security test plans and procedures. Performs risk analyses which also includes risk assessment. Experienced in implementing industry standards and government or client requirements for information assurance. Works independently or as part of a team with more senior IA engineers for complex efforts. Significant knowledge of the IA field and the ability to work independently on typical assignments. May supervise junior engineers on IA assignments. May mentor/supervise IA Engineer I, II, and III.

Minimum Education: Bachelor's degree in Information Technology, Computer Science, Engineering or relevant field.

Minimum Experience: 7 years of relevant experience

99. Information Assurance Engineer V

Functional Responsibilities: Leads a team performing all tasks to plan, document, implement, monitor and test IT security policy for client systems. Directs development of an enterprise-wide security architecture and system security plans to document engineering details of the security architecture. Directs others in the use of automated tools to perform continuous monitoring of the vulnerability status of client information systems. Reviews and approves procedures to remediate vulnerabilities. Monitors the security posture of network components and system endpoints to meet industry and vendor recommendations. Lead role to plans and conduct information assurance testing and exercises. Reviews and approves security test plans and procedures. Experienced directing teams to implement industry standards and government or client requirements for information assurance. Works independently or as part of a team with systems, software and network engineers for complex efforts. Significant knowledge of the IA field and the ability to work independently on typical assignments. Responsible for technical, cost and schedule performance of IA engineering projects. Likely mentors/supervises IA Engineer I, II, III, and IV..

Minimum Education: Bachelor's degree in Information Technology, Computer Science, Engineering or relevant field.

Minimum Experience: 10 years of relevant experience

100. Help Desk Specialist I

Functional Responsibilities: Provides phone and in-person support to users in the areas of e-mail, directories, standard desktop and mobile applications, video teleconferencing and applications developed under this contract or predecessors. Serves as the initial point of contact for troubleshooting hardware/software PC, video teleconferencing and printer problems.

Minimum Education: High School Diploma (equivalent technical training and/or certifications can be substituted for academic degrees)

Minimum Experience: 1 year of relevant experience

101.   Help Desk Specialist II

*Functional Responsibilities***:** Provides phone and in-person support to users in the areas of e-mail, directories, standard desktop and mobile applications, and applications developed under this contract or predecessors. Serves as the initial point of contact for troubleshooting hardware/software PC, video teleconferencing and printer problems. Provides oversight and mentoring to Help Desk Specialist I.

Minimum Education: Bachelor's degree in Information Technology, Computer Science, Engineering or relevant field.

Minimum Experience: 3 years of relevant experience

102.   Help Desk Specialist III

*Functional Responsibilities***:** Provides phone and in-person support to users in the areas of e-mail, directories, standard desktop and mobile applications, and applications developed under this contract or predecessors. Serves as the initial point of contact for troubleshooting hardware/software PC, video teleconferencing and printer problems. Provides oversight and mentoring to Help Desk Specialist I and II.

Minimum Education: Bachelor's degree in Information Technology, Computer Science, Engineering or relevant field.

Minimum Experience: 5 years of relevant experience

103.   Help Desk Specialist IV

 *Functional Responsibilities***:** Provides phone and in-person support to users in the areas of e-mail, directories, standard desktop and mobile applications, and applications developed under this contract or predecessors. Serves as the initial point of contact for troubleshooting hardware/software PC, video teleconferencing and printer problems. Develops documentation and standard operating procedures. Provides oversight and mentoring to Help Desk Specialist I, II, and III.

Minimum Education: Bachelor's degree in Information Technology, Computer Science, Engineering or relevant field.

Minimum Experience: 7 years of relevant experience

104.   Computer Operator

Functional Responsibilities: The Computer Operator monitors and operates the control console of either a mainframe digital computer or a group of minicomputers, in accordance with operating instructions, to process data. Work is characterized by the following: Studies operating instructions to determine equipment setup needed. Loads equipment with required items (tapes, cards, paper, etc.). Switches necessary auxiliary equipment into system; Diagnoses and corrects equipment malfunctions; Reviews error messages and makes corrections during operation or refers problems; Maintains operating record.

Minimum Education: High School Diploma

Minimum Experience: 2 years of relevant experience

105. Computer Support Technician

Functional Responsibilities: The Personal Computer Support Technician provides support to distributed PC/networking environments including installation, testing, repair, and troubleshooting for stand-alone PCs, PCs linked to networks, printers, and other computer peripherals. Support responsibilities include software installation, and configurations. This technician performs technical, operational, and training support to users of personal computers either by telephone, or on-site for PC desktop hardware and software packages. Job duties require the technician to install and test personal computers, printers, and other peripherals, configure operating systems, load shrink-wrap programs and other application software programs. In this position, the incumbent troubleshoots computer problems, performs hardware and software diagnostics, coordinates needed repairs, resolves computer system problems, including coordination between users and components of a local area network, and participates in the evaluation of system configuration and software.

Minimum Education: High School Diploma

Minimum Experience: 2 years of relevant experience

Substitution Table
Associates Degree may be substituted for HS diploma plus 2 years relevant experience.
Bachelor's Degree may be substituted for a HS Diploma and 4 years relevant experience or an Associate's Degree and 2 years relevant experience.
Masters Degree may be substituted for HS Diploma and 6 year relevant experience or a Bachelor's plus 2 years relevant experience.
PhD may be substituted for HS Diploma and 8 years relevant experience or a Bachelor's plus 4 years relevant experience or a Master's Degree plus 2 years relevant experience.

Relevant experience may also include a relevant military occupational specialty.