



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

**MULTIPLE AWARD SCHEDULE  
FSC GROUP: Professional Services**

**CONTRACT NUMBER:  
GS-00F-372GA**

**Strategic Alliance Consulting, Inc.  
53A E Lee St  
Warrenton, VA 20186  
Phone: (703) 224-8880 Fax: (888) 601-2903  
Contract Administrator: Kenneth S. Lukonis  
[ken@strategicaci.com](mailto:ken@strategicaci.com)**

**PERIOD COVERED BY CONTRACT:  
September 2, 2017 through September 1, 2022**

**Price List is current through Modification PS-0019, effective December 15, 2020**

**Business Size:  
Small, Veteran Owned, Service-Disabled Business**

*For more information on ordering from Federal Supply Schedules go to the GSA Schedules page at GSA.gov. On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through GSA Advantage!<sup>TM</sup>, a menu-driven database system. The INTERNET address for GSA Advantage!<sup>TM</sup> is: <http://www.GSAAdvantage.gov>.*

**CUSTOMER INFORMATION**

1a. Table of Awarded Special Item Numbers with appropriate cross-reference to page numbers:

| SIN       | Recovery    | SIN Description   |
|-----------|-------------|---|
| 541380    | 541380RC    | Testing Laboratories                                    |
| 541715    | 541715RC    | Engineering Research & Development & Strategic Planning |
| 541330ENG | 541330ENGRC | Engineering Services                                    |
| 54151S    | 54151SRC    | Information Technology Professional Services            |
| OLM       | OLMRC       | Order Level Materials                                   |

- 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 below.*
- 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 below.*

2. Maximum Order:

| Maximum Order Threshold | SINs                 |
|-------------------------|----------------------|
| \$1,000,000             | 541715 and 541330ENG |
| \$500,000               | 54151S               |
| \$250,000               | 541380 and OLM       |

3. Minimum Order: *\$100.00*
4. Geographic Coverage (delivery Area): *Domestic Only*
5. Point(s) of production (city, county, and state or foreign country): *Same as Contractor*
6. Discount from list prices or statement of net price: *Government net prices (discounts already deducted).*
7. Quantity discounts: *2% for orders between \$1,000,000 and \$2,499,999.99, 3% for orders between \$2,500,000 and \$4,999,999.99, and 4% for orders over \$5,000,000.*
8. Prompt payment terms: *Net 30.*  
*Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.*



9. Foreign items (list items by country of origin): *None*
- 10a. Time of Delivery (Contractor insert number of days): *Specified on Task Order*
- 10b. Expedited Delivery. The Contractor will insert the sentence “Items available for expedited delivery are noted in this price list.” under this heading. The Contractor may use a symbol of its choosing to highlight items in its price list that have expedited delivery: *Contact Contractor*
- 10c. Overnight and 2-day delivery. The Contractor will indicate whether overnight and 2-day delivery is available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery: *Contact Contractor*
- 10d. Urgent Requirements. The Contractor will note in its price list the “Urgent Requirements” clause of its contract and advise agencies that they can also contact the Contractor’s representative to affect a faster delivery: *Contact Contractor*
11. F.O.B Points: *Destination*
- 12a. Ordering Address: *Same as Contractor*
- 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: *Same as Contractor*
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. contactor's website or other location.) The EIT standards can be found at: [www.Section508.gov/](http://www.Section508.gov/): *N/A*

23. Data Universal Numbering System (DUNS) number: *965467470*

24. Notification regarding registration in System of Award (SAM) database: *66VE9*

**GSA PRICING**

| <b>SINs</b>                  | <b>Labor Category</b>                                    | <b>Facility</b> | <b>GSA Price</b> |
|------------------------------|--|-----------------|------------------|
| 541330ENG,<br>541380, 541715 | Software Engineer  | Customer        | \$119.68         |
| 541330ENG,<br>541380, 541715 | GIS Analyst IV   | Customer        | \$108.34         |
| 541330ENG,<br>541380, 541715 | Senior Scientist   | Customer        | \$154.44         |
| 541330ENG,<br>541380, 541715 | Program Analyst II                                       | Customer        | \$80.33          |
| 541330ENG,<br>541380, 541715 | Senior Technical Trainer                                 | Customer        | \$124.45         |
| 541330ENG,<br>541380, 541715 | Test Specialist  | Customer        | \$100.52         |
| 541330ENG,<br>541380, 541715 | Subject Matter Expert III                                | Customer        | \$117.83         |
| 541330ENG,<br>541380, 541715 | Subject Matter Expert IV                                 | Customer        | \$127.49         |
| 541330ENG,<br>541380, 541715 | Subject Matter Expert V                                  | Customer        | \$138.86         |
| 541330ENG                    | General Engineer – Entry Level                           | Customer        | \$77.58          |
| 541330ENG                    | General Engineer - Junior                                | Customer        | \$93.70          |
| 541330ENG                    | General Engineer - Mid                                   | Customer        | \$110.83         |
| 541330ENG                    | General Engineer - Senior                                | Customer        | \$128.97         |
| 541330ENG                    | General Engineer - Expert                                | Customer        | \$150.13         |
| 541330ENG                    | General Engineer - Principal                             | Customer        | \$167.25         |
| 541380                       | SAS Programmer (Epidemiologist Analyst) –<br>Entry Level | Customer        | \$81.61          |
| 541380                       | SAS Programmer (Epidemiologist Analyst) -<br>Junior      | Customer        | \$93.70          |
| 541380                       | SAS Programmer (Epidemiologist Analyst) -<br>Mid         | Customer        | \$97.73          |
| 541380                       | SAS Programmer (Epidemiologist Analyst) -<br>Senior      | Customer        | \$111.72         |
| 541380                       | SAS Programmer (Epidemiologist Analyst) -<br>Expert      | Customer        | \$134.06         |
| 541380                       | SAS Programmer (Epidemiologist Analyst) -<br>Principal   | Customer        | \$160.87         |
| 54151S                       | Data Architect - Expert                                  | Customer        | \$163.47         |
| 54151S                       | Data Architect - Principal                               | Customer        | \$186.36         |
| 54151S                       | Data Engineer - Expert                                   | Customer        | \$140.12         |
| 54151S                       | Data Engineer - Mid                                      | Customer        | \$105.26         |
| 54151S                       | Data Engineer - Principal                                | Customer        | \$159.73         |
| 54151S                       | Data Engineer - Senior                                   | Customer        | \$116.77         |
| 54151S                       | Data Scientist - Expert                                  | Customer        | \$155.69         |
| 54151S                       | Data Scientist - Principal                               | Customer        | \$177.48         |
| 54151S                       | Database Administrator - Mid                             | Customer        | \$123.42         |



| SINs   | Labor Category                           | Facility | GSA Price |
|--------|--|----------|-----------|
| 54151S | Database Analyst/Programmer - Expert     | Customer | \$135.56  |
| 54151S | Database Analyst/Programmer - Mid        | Customer | \$117.24  |
| 54151S | Information Systems Security Officer     | Customer | \$131.25  |
| 54151S | Project Manager                          | Customer | \$149.44  |
| 54151S | Software Developer / Programmer - Expert | Customer | \$126.90  |
| 54151S | Software Developer / Programmer - Junior | Customer | \$101.94  |
| 54151S | Software Developer / Programmer - Mid    | Customer | \$113.28  |
| 54151S | Software Developer / Programmer - Senior | Customer | \$120.09  |
| 54151S | Software Integrator III                  | Customer | \$115.52  |
| 54151S | Software Integrator IV                   | Customer | \$131.69  |
| 54151S | Software Integrator V                    | Customer | \$150.13  |
| 54151S | Systems Engineer - Expert                | Customer | \$143.73  |
| 54151S | Systems Engineer - Principal             | Customer | \$163.85  |
| 54151S | Systems Engineer - Senior                | Customer | \$126.08  |
| 54151S | Test Engineer - Expert                   | Customer | \$108.98  |
| 54151S | Test Engineer - Principal                | Customer | \$124.24  |
| 54151S | Test Engineer - Senior                   | Customer | \$90.82   |

### Service Contract Labor Standards (SCLS)

Service Contract Labor Standards (SCLS) is applicable to this contract as it applies to the entire Multiple Award Schedule and all services provided. While no specific labor categories have been identified as being subject to SCLS due to exemptions for professional employees (FAR 22.1101, 22.1102 and 29 CFR 541.300), this contract still maintains the provisions and protections for SCLS eligible labor categories. If and / or when the contractor adds SCLS labor categories / employees to the contract through the modification process, the contractor must inform the Contracting Officer and establish a SCLS matrix identifying the GSA labor category titles, the occupational code, SCLS labor category titles and the applicable WD number. Failure to do so may result in cancellation of the contract.

## LABOR CATEGORY DESCRIPTIONS

**Job Title:** Software Engineer

**Minimum/General Experience:** A minimum of five (5) years' technical experience which applies to systems analysis and design techniques for complex computer systems.

**Functional Duties/Responsibility:** Under minimal direction, provides specialized expertise within multiple systems, software disciplines, as well as general knowledge of related disciplines, applications implications, and customer areas. Responsible for performing in-depth analysis and technical support of systems software products, including complex problem resolution, design, development, testing, operational integration, and user support. Assists in the planning and conversion for new hardware/software products. Maintains currency, debugs and configures related software products. Provides operating systems planning and evaluation for performance analysis, capacity planning and hardware upgrades. Works from specifications to develop or modify operating systems applications. Assists with design, coding, benchmark testing, debugging and documentation of programs. Interfaces with other system support groups to resolve problems, setting standards and improving overall efficiency of the operating system. Designs, codes, tests and implements tools for operations automation. Works on most phases of software systems programming applications, and may require instruction and guidance in other phases.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** Security Clearance

**Substitution Methodology:** N/A

**Job Title:** GIS Analyst IV

**Minimum/General Experience:** A minimum of eight (8) years' professional experience is required in GIS, cartography, CADD, or a related field without an appropriate college degree.

**Functional Duties/Responsibility:** Write programs and develop user interfaces, menus, and macro-level commands to meet user needs in addition to performing simple spatial analyses and producing reports according to customer specifications. Assist in the development of geographic information systems which may link parcel maps or orthophotos with environmental data, historic data, transportation data and health data to produce maps or quantify information about the impacts of features on parcel ownership. Conducts geographic information system (GIS) program activities, utilizing GIS hardware and software to produce maps, spatial databases and thematic data (such as wetlands, road centerlines, cadastre, and historic sites). Creates, adjusts, corrects, converts and distributes base maps and thematic data. Digitize and maintain spatial databases of Maryland information; document procedures, validate data for accuracy and completeness, complete approved metadata forms and produce maps of the resulting information. Evaluate information and data from outside sources to determine the quality of the data. Provide geographic location coordinates from the GIS to facilitate spatial analysis and data manipulation, calculate distances and area of features and interpret legal descriptions and certify changes in boundary lines. Act as a "consultant" to internal customers during their use, development and quality assessment of spatial databases. Guides users in formulating requirements, advises alternative approaches, and conducts feasibility studies.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** Security Clearance

**Substitution Methodology:** 5 years' experience = Bachelor's Degree



**Job Title:** Senior Scientist

**Minimum/General Experience:** A minimum of fifteen (15) years' experience in a scientific field such as biology, chemistry, nuclear, environmental, physics, mathematics, geology, geospatial information systems, geography, intelligence, standards or other scientific areas.

**Functional Duties/Responsibility:** Experience providing direct or consultant scientific support to major programs or system development efforts. Guides users in formulating requirements, advises alternative approaches, and conducts feasibility studies. Performs the functions of a technical expert in the relevant scientific field in support of major programs or system development. Applies scientific expertise in defining and resolving system issues, performing analysis, and developing plans and requirements in the subject-matter area for complex systems. Coordinates and manages the preparation of analysis, evaluations, and recommendations for proper implementation of programs and systems.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** Security Clearance

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Program Analyst II

**Minimum/General Experience:** A minimum of five (5) years' experience providing support to technical programs.

**Functional Duties/Responsibility:** Assists in the preparation of management plans and reports. Coordinates schedules to facilitate completion of proposals, contract deliverables, task order review, briefings/ presentations and IPR preparation. Performs analysis, development and review of program administrative operating procedures.

Guides users in formulating requirements, advises alternative approaches, and conducts feasibility studies.

**Minimum Education:** Bachelor's Degree

**Required/Supplemental Certifications:** Security Clearance

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Senior Technical Trainer

**Minimum/General Experience:** A minimum of eight (8) years' experience in system development, training, or related fields.

**Functional Duties/Responsibility:** Conducts research necessary to develop and revise training courses and prepare appropriate training catalogs. Prepares all instructor materials (course outline, background material, and training aids). Prepares all student materials (course manuals, workbooks, handouts, completion certificates, and course critique forms). Trains personnel by conducting formal classroom courses, workshops, and seminars.

**Minimum Education:** Bachelor's Degree

**Required/Supplemental Certifications:** Security Clearance

**Substitution Methodology:** 5 years' experience = Bachelor's Degree



**Job Title:** Test Specialist

**Minimum/General Experience:** A minimum of five (5) years' experience in the area of test and evaluation.

**Functional Duties/Responsibility:** Hands-on experience in direct execution of major efforts in the application of a number of techniques to demonstrate that a prototype system, program, project, or activity performs in accordance with the objectives outlined in the original design.

Typical associated tasks include, but are not limited to, prototype development and first article testing, independent verification and validation, demonstration and validation, simulation and modeling, system safety, quality assurance, education and training, and physical testing of the product or system.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** Security Clearance

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Subject Matter Expert III

**Minimum/General Experience:** A minimum of four (4) years' professional experience in GIS, cartography, CADD, or other technical field.

**Functional Duties/Responsibility:** Provides technical and Managerial expert consultative support to a functional area of the project. Provide extremely high-level functional system development or analysis. Position incorporates the design, integration, documentation, implementation and analysis on exceptionally complex problems requiring extensive knowledge of the technical subject matter. Makes recommendations and advises on organization-wide systems improvements, optimization or maintenance efforts for a technical functional area which may include: Distributed System Development, Client-Server Development, Database Design and Development, Automated Geographic Information Systems, Integration Services, IT Strategic Planning, Systems Analysis and Needs Assessment, and Business Process Reengineering.

Guides users in formulating requirements, advises alternative approaches, conducts feasibility studies.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** Security Clearance

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Subject Matter Expert IV

**Minimum/General Experience:** A minimum of eight (8) years' professional experience in GIS, cartography, CADD, or other technical field.

**Functional Duties/Responsibility:** Provides technical and Managerial expert consultative support to a functional area of the project. Provide extremely high-level functional system development or analysis. Position incorporates the design, integration, documentation, implementation and analysis on exceptionally complex problems requiring extensive knowledge of the technical subject matter. Makes recommendations and advises on organization-wide systems improvements, optimization or maintenance efforts for a technical functional area which may include: Distributed System Development, Client-Server Development, Database Design and Development, Automated Geographic Information Systems, Integration Services, IT Strategic Planning, Systems Analysis and Needs Assessment, and Business Process Reengineering.

Guides users in formulating requirements, advises alternative approaches, conducts feasibility studies.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** Security Clearance

**Substitution Methodology:** 5 years' experience = Bachelor's Degree



**Job Title:** Subject Matter Expert V

**Minimum/General Experience:** A minimum of twelve (12) years' professional experience in GIS, cartography, CADD, or other technical field.

**Functional Duties/Responsibility:** Provides technical and Managerial expert consultative support to a functional area of the project. Provide extremely high-level functional system development or analysis. Position incorporates the design, integration, documentation, implementation and analysis on exceptionally complex problems requiring extensive knowledge of the technical subject matter. Makes recommendations and advises on organization-wide systems improvements, optimization or maintenance efforts for a technical functional area which may include: Distributed System Development, Client-Server Development, Database Design and Development, Automated Geographic Information Systems, Integration Services, IT Strategic Planning, Systems Analysis and Needs Assessment, and Business Process Reengineering.

Leads users in formulating requirements, advises alternative approaches, conducts feasibility studies.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** Security Clearance

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** General Engineer – Entry Level

**Minimum/General Experience:** 0 years of experience

**Functional Duties/Responsibility:** Makes investment decisions related to the repair, long term sustainment and routine maintenance of fixed facilities; assure that the project deliverables are technically correct and reflect the stated need considering construction, projects, or facilities activities; supports the engineering design for vertical and horizontal facilities, such as utilities or electrical systems; conducts analysis and develops estimation reports for facilities; conducts destructive and non-destructive testing method to evaluate facility condition; develops CAD and other facility driven models and reports in support of facilities engineering.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** General Engineer - Junior

**Minimum/General Experience:** A minimum of three (3) years' experience

**Functional Duties/Responsibility:** Makes investment decisions related to the repair, long term sustainment and routine maintenance of fixed facilities; assure that the project deliverables are technically correct and reflect the stated need considering construction, projects, or facilities activities; supports the engineering design for vertical and horizontal facilities, such as utilities or electrical systems; conducts analysis and develops estimation reports for facilities; conducts destructive and non-destructive testing method to evaluate facility condition; develops CAD and other facility driven models and reports in support of facilities engineering.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree



**Job Title:** General Engineer - Mid

**Minimum/General Experience:** A minimum of five (5) years' experience

**Functional Duties/Responsibility:** Makes investment decisions related to the repair, long term sustainment and routine maintenance of fixed facilities; assure that the project deliverables are technically correct and reflect the stated need considering construction, projects, or facilities activities; supports the engineering design for vertical and horizontal facilities, such as utilities or electrical systems; conducts analysis and develops estimation reports for facilities; conducts destructive and non-destructive testing method to evaluate facility condition; develops CAD and other facility driven models and reports in support of facilities engineering.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** General Engineer - Senior

**Minimum/General Experience:** A minimum of eight (8) years' experience

**Functional Duties/Responsibility:** Makes investment decisions related to the repair, long term sustainment and routine maintenance of fixed facilities; assure that the project deliverables are technically correct and reflect the stated need considering construction, projects, or facilities activities; supports the engineering design for vertical and horizontal facilities, such as utilities or electrical systems; conducts analysis and develops estimation reports for facilities; conducts destructive and non-destructive testing method to evaluate facility condition; develops CAD and other facility driven models and reports in support of facilities engineering.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** General Engineer - Expert

**Minimum/General Experience:** A minimum of twelve (12) years' experience

**Functional Duties/Responsibility:** Makes investment decisions related to the repair, long term sustainment and routine maintenance of fixed facilities; assure that the project deliverables are technically correct and reflect the stated need considering construction, projects, or facilities activities; supports the engineering design for vertical and horizontal facilities, such as utilities or electrical systems; conducts analysis and develops estimation reports for facilities; conducts destructive and non-destructive testing method to evaluate facility condition; develops CAD and other facility driven models and reports in support of facilities engineering.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree



**Job Title:** General Engineer - Principal

**Minimum/General Experience:** A minimum of fifteen (15) years' experience

**Functional Duties/Responsibility:** Makes investment decisions related to the repair, long term sustainment and routine maintenance of fixed facilities; assure that the project deliverables are technically correct and reflect the stated need considering construction, projects, or facilities activities; supports the engineering design for vertical and horizontal facilities, such as utilities or electrical systems; conducts analysis and develops estimation reports for facilities; conducts destructive and non-destructive testing method to evaluate facility condition; develops CAD and other facility driven models and reports in support of facilities engineering.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** SAS Programmer (Epidemiologist Analyst) – Entry Level

**Minimum/General Experience:** 0 years of experience

**Functional Duties/Responsibility:** Supports a variety of data requests to extract and conduct analysis on multiple data sources which contain project relevant biostatistical or health information; performs ad hoc queries and provides customized reports; provides analysis for publication in professional articles or journals; provides SAS programming support to long-term data/statistical requests; executes data analyses using scientifically sound, state-of-the-art epidemiological methods.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** SAS Programmer (Epidemiologist Analyst) - Junior

**Minimum/General Experience:** A minimum of three (3) years' experience

**Functional Duties/Responsibility:** Supports a variety of data requests to extract and conduct analysis on multiple data sources which contain project relevant biostatistical or health information; performs ad hoc queries and provides customized reports; provides analysis for publication in professional articles or journals; provides SAS programming support to long-term data/statistical requests; executes data analyses using scientifically sound, state-of-the-art epidemiological methods.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** SAS Programmer (Epidemiologist Analyst) - Mid

**Minimum/General Experience:** A minimum of five (5) years' experience

**Functional Duties/Responsibility:** Supports a variety of data requests to extract and conduct analysis on multiple data sources which contain project relevant biostatistical or health information; performs ad hoc queries and provides customized reports; provides analysis for publication in professional articles or journals; provides SAS programming support to long-term data/statistical requests; executes data analyses using scientifically sound, state-of-the-art epidemiological methods.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree



**Job Title:** SAS Programmer (Epidemiologist Analyst) - Senior

**Minimum/General Experience:** A minimum of eight (8) years' experience

**Functional Duties/Responsibility:** Supports a variety of data requests to extract and conduct analysis on multiple data sources which contain project relevant biostatistical or health information; performs ad hoc queries and provides customized reports; provides analysis for publication in professional articles or journals; provides SAS programming support to long-term data/statistical requests; executes data analyses using scientifically sound, state-of-the-art epidemiological methods.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** SAS Programmer (Epidemiologist Analyst) - Expert

**Minimum/General Experience:** A minimum of twelve (12) years' experience

**Functional Duties/Responsibility:** Supports a variety of data requests to extract and conduct analysis on multiple data sources which contain project relevant biostatistical or health information; performs ad hoc queries and provides customized reports; provides analysis for publication in professional articles or journals; provides SAS programming support to long-term data/statistical requests; executes data analyses using scientifically sound, state-of-the-art epidemiological methods.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** SAS Programmer (Epidemiologist Analyst) - Principal

**Minimum/General Experience:** A minimum of fifteen (15) years' experience in epidemiological based SAS programming expertise, data analysis, or statistical analysis.

**Functional Duties/Responsibility:** Supports a variety of data requests to extract and conduct analysis on multiple data sources which contain project relevant biostatistical or health information; performs ad hoc queries and provides customized reports; provides analysis for publication in professional articles or journals; provides SAS programming support to long-term data/statistical requests; executes data analyses using scientifically sound, state-of-the-art epidemiological methods.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Data Architect - Expert

**Minimum/General Experience:** A minimum of twelve (12) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Provides oversight and planning of data models and database structural design and development. Oversees the strategic structural design and development of databases and metadata. Monitors industry trends and directions in database technology and tools. Develops data and metadata policies and procedures for structural design and development to build, maintain and leverage the data model, ensuring integration with corporate data standards and policies. Strategically plans new designs for integration into the database structure, using knowledge of the characteristics of the systems being added to the structure and the specifications for database interfaces to ensure effective integration and optimal database performance. Provides technical oversight and direction to designated boards for integrating new technology or major new mission capabilities into the metadata and data standards and structures.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree



**Job Title:** Data Architect - Principal

**Minimum/General Experience:** A minimum of fifteen (15) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Provides oversight and planning of data models and database structural design and development. Oversees the strategic structural design and development of databases and metadata. Monitors industry trends and directions in database technology and tools. Develops data and metadata policies and procedures for structural design and development to build, maintain and leverage the data model, ensuring integration with corporate data standards and policies. Strategically plans new designs for integration into the database structure, using knowledge of the characteristics of the systems being added to the structure and the specifications for database interfaces to ensure effective integration and optimal database performance. Provides technical oversight and direction to designated boards for integrating new technology or major new mission capabilities into the metadata and data standards and structures.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = 5 years' experience = Bachelor's Degree;

**Job Title:** Data Engineer - Mid

**Minimum/General Experience:** A minimum of five (5) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Assists in the development and documentation of detailed data requirements for application systems in a logical data model. Develops the analysis, creation, acquisition, maintenance, and use characteristics of the data identified. Ensures compliance with data management policies, guidance, and standards. Evaluates data reuse, data integration, and data compliance and develops strategies based on stewardship and authorities. Develops physical schemas that address functional and technical requirements for the database including data sharing as appropriate. Develops, constructs, tests, and maintains data architectures.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Data Engineer - Senior

**Minimum/General Experience:** A minimum of eight (8) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Assists in the development and documentation of detailed data requirements for application systems in a logical data model. Develops the analysis, creation, acquisition, maintenance, and use characteristics of the data identified. Ensures compliance with data management policies, guidance, and standards. Evaluates data reuse, data integration, and data compliance and develops strategies based on stewardship and authorities. Develops physical schemas that address functional and technical requirements for the database including data sharing as appropriate. Develops, constructs, tests, and maintains data architectures.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Data Engineer - Expert

**Minimum/General Experience:** A minimum of twelve (12) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Assists in the development and documentation of detailed data requirements for application systems in a logical data model. Develops the analysis, creation, acquisition, maintenance, and use characteristics of the data identified. Ensures compliance with data management policies, guidance, and standards. Evaluates data reuse, data integration, and data compliance and develops strategies based on stewardship and authorities. Develops physical schemas that address functional and technical requirements for the database including data sharing as appropriate. Develops, constructs, tests, and maintains data architectures.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Data Engineer - Principal

**Minimum/General Experience:** A minimum of fifteen (15) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Assists in the development and documentation of detailed data requirements for application systems in a logical data model. Develops the analysis, creation, acquisition, maintenance, and use characteristics of the data identified. Ensures compliance with data management policies, guidance, and standards. Evaluates data reuse, data integration, and data compliance and develops strategies based on stewardship and authorities. Develops physical schemas that address functional and technical requirements for the database including data sharing as appropriate. Develops, constructs, tests, and maintains data architectures.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = 5 years' experience = Bachelor's Degree

**Job Title:** Data Scientist - Expert

**Minimum/General Experience:** A minimum of twelve (12) years' experience in engineering, computer science, or related discipline.

**Functional Duties/Responsibility:** Incorporates and manipulates big data analytic skills for holistic collection assessments and performs trend analysis on large sets from structured and unstructured data sources. Employs sophisticated analytics programs and tools such as Python, Tableau, ArcGIS, Python, Splunk, or Jupyter Notebook, to prepare data for use in predictive and prescriptive modeling. Develops statistically rigorous and predictive analytical techniques that incorporate relevant academic and industry best practices for disparate datasets.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Data Scientist - Principal

**Minimum/General Experience:** A minimum of fifteen (15) years' experience in engineering, computer science, or related discipline.

**Functional Duties/Responsibility:** Incorporates and manipulates big data analytic skills for holistic collection assessments and performs trend analysis on large sets from structured and unstructured data sources. Employs sophisticated analytics programs and tools such as Python, Tableau, ArcGIS, Python, Splunk, or Jupyter Notebook, to prepare data for use in predictive and prescriptive modeling. Develops statistically rigorous and predictive analytical techniques that incorporate relevant academic and industry best practices for disparate datasets.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = 5 years' experience = Bachelor's Degree

**Job Title:** Database Administrator - Mid

**Minimum/General Experience:** A minimum of five (5) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Provides highly technical expertise and support in the use of database management server (DBMS); evaluates and recommends available DBMS products to support validated user requirements; defines file organization, indexing methods, and security procedures for specific user applications; develops, implements, and maintains database back-up and recovery procedures for the processing environments, and ensures that data integrity, security, and recoverability are built into the DBMS application; coordinates systems resource availability with database analysts, system and application programmers, and other users; performs database administration, backups, and recoveries, and works with users to resolve database questions or problems; implements data models and database designs, data access and table maintenance codes; resolves database performance issues, database capacity issues, replication, and other distributed data issues.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Database Analyst/Programmer - Mid

**Minimum/General Experience:** A minimum of five (5) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Designs, implements and maintains moderately complex databases; serves as technical expert for databases related to customer's corporate applications; designs databases and builds tables as well as develops stored procedures and trigger functions and packages; performs database performance monitoring, tuning and optimization; ensure user and functional requirements are developed, tested and implemented in a timely manner; plans, tests and prepares the implementation of new or enhanced infrastructures; advises application development staff and users on database solutions to business problems, data architectures, database management, and the operation and tuning of databases.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Database Analyst/Programmer - Expert

**Minimum/General Experience:** A minimum of twelve (12) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Designs, implements and maintains moderately complex databases; serves as technical expert for databases related to customer's corporate applications; designs databases and builds tables as well as develops stored procedures and trigger functions and packages; performs database performance monitoring, tuning and optimization; ensure user and functional requirements are developed, tested and implemented in a timely manner; plans, tests and prepares the implementation of new or enhanced infrastructures; advises application development staff and users on database solutions to business problems, data architectures, database management, and the operation and tuning of databases.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Information Systems Security Officer (ISSO)

**Minimum/General Experience:** A minimum of eight (8) years' experience in industrial security, computer science, business administration or related discipline.

**Functional Duties/Responsibility:** Drafts and reviews all C&A documentation and providing security lifecycle support to ensure security is appraised in all phases from concept through decommissioning; provides advice and assistance in developing relevant information system security documentation and artifacts, such as SSPs, CONOPS, and test plans, in accordance with applicable best practices; assists in obtaining applicable approvals and authorities; ensures federal, state and local information security and system controls are implemented.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Project Manager

**Minimum/General Experience:** A minimum of twelve (12) years' experience in project/program management, business management, project coordination, or related leadership discipline.

**Functional Duties/Responsibility:** Responsible for the overall management of complex research, development, integration, or support projects/programs. Interacts with the government customer to ensure all activities are coordinated with customer contracts, objectives, requirements, and timelines. Oversees project funding, staffing, and personnel, and is accountable for the quality and timely delivery of all contractual items. Serves as primary point of contact (POC) for the customer regarding project activities. Ensures that all required resources including manpower, production standards, computer time, and facilities are available for project implementation.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Software Developer/Programmer – Junior

**Minimum/General Experience:** A minimum of three (3) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Performs software engineering activities relative to the design, development, modification, testing and deployment of new & existing systems and software; utilizes agile development methodologies; creates or updates software to create/modify capabilities and functionality within the business solution to accommodate evolving workflows; understands and documents user requirements and develops software programs at the system or application level to meet defined requirements; tests software to ensure accuracy, quality, usability and requirements; coordinates with users on issues and ensures they are resolved promptly; manages implementation of approved software into the client environment.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Software Developer/Programmer - Mid

**Minimum/General Experience:** A minimum of five (5) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Performs software engineering activities relative to the design, development, modification, testing and deployment of new & existing systems and software; utilizes agile development methodologies; creates or updates software to create/modify capabilities and functionality within the business solution to accommodate evolving workflows; understands and documents user requirements and develops software programs at the system or application level to meet defined requirements; tests software to ensure accuracy, quality, usability and requirements; coordinates with users on issues and ensures they are resolved promptly; manages implementation of approved software into the client environment.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Software Developer/Programmer - Senior

**Minimum/General Experience:** A minimum of eight (8) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Performs software engineering activities relative to the design, development, modification, testing and deployment of new & existing systems and software; utilizes agile development methodologies; creates or updates software to create/modify capabilities and functionality within the business solution to accommodate evolving workflows; understands and documents user requirements and develops software programs at the system or application level to meet defined requirements; tests software to ensure accuracy, quality, usability and requirements; coordinates with users on issues and ensures they are resolved promptly; manages implementation of approved software into the client environment.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree



**Job Title:** Software Developer/Programmer - Expert

**Minimum/General Experience:** A minimum of twelve (12) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Interfaces with other team members and customers/users to collect requirements from the government leads and consumers of business data and applications; analyzes and studies complex system requirements; creates, reviews, analyzes, and modifies programming applications including developing, coding, testing, debugging and documenting programs; works with very broad and complex assignments under general guidance lending expertise and individual perspective in identifying and resolving complex scientific issues at the program/application and software code level; applies formal software development methodologies and off the shelf development and may include the design and development of other tools as needed; responsible for multiple projects and makes decisions affecting the activities of others.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Software Integrator III

**Minimum/General Experience:** A minimum of five (5) years' experience in systems integration, system administration, systems analysis, information technology, or computer programming and/or related education and training.

**Functional Duties/Responsibility:** Responsible for translating the client's business requirements into specific systems, applications or process designs for very large complex IT solutions and integrating architecture; acts as an advocate for the client as the ultimate authority on the architecture designed to address client business problems; plans, implements, tests, documents, and maintains enterprise-wide solutions to total system or subsystems using internally created and/or off the shelf products; analyzes and identifies all or part of a company's existing or new peripheral, network, and telecommunications systems requirements, taking into consideration the special technology needs; establishes functional and technical specifications and standards, solves hardware/software interface problems, defines input/output parameters, and ensures integration of the entire system or subsystem; provides direction for design activities.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree



**Job Title:** Software Integrator IV

**Minimum/General Experience:** A minimum of eight (8) years' experience in systems integration, system administration, systems analysis, information technology, or computer programming and/or related education and training.

**Functional Duties/Responsibility:** Responsible for translating the client's business requirements into specific systems, applications or process designs for very large complex IT solutions and integrating architecture; acts as an advocate for the client as the ultimate authority on the architecture designed to address client business problems; plans, implements, tests, documents, and maintains enterprise-wide solutions to total system or subsystems using internally created and/or off the shelf products; analyzes and identifies all or part of a company's existing or new peripheral, network, and telecommunications systems requirements, taking into consideration the special technology needs; establishes functional and technical specifications and standards, solves hardware/software interface problems, defines input/output parameters, and ensures integration of the entire system or subsystem; provides direction for design activities.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Software Integrator V

**Minimum/General Experience:** A minimum of twelve (12) years' experience in systems integration, system administration, systems analysis, information technology, or computer programming and/or related education and training.

**Functional Duties/Responsibility:** Responsible for translating the client's business requirements into specific systems, applications or process designs for very large complex IT solutions and integrating architecture; acts as an advocate for the client as the ultimate authority on the architecture designed to address client business problems; plans, implements, tests, documents, and maintains enterprise-wide solutions to total system or subsystems using internally created and/or off the shelf products; analyzes and identifies all or part of a company's existing or new peripheral, network, and telecommunications systems requirements, taking into consideration the special technology needs; establishes functional and technical specifications and standards, solves hardware/software interface problems, defines input/output parameters, and ensures integration of the entire system or subsystem; provides direction for design activities.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Systems Engineer - Senior

**Minimum/General Experience:** A minimum of eight (8) years' experience in systems engineering, systems analysis, data processing, information technology, or computer programming and/or related education and training.

**Functional Duties/Responsibility:** Applies systems analysis and engineering techniques and procedures to developing complex information systems on multiple platforms and development environments; combines software, hardware, standards and engineering in the development of system architectures; performs standard engineering analysis, development and design work that requires considerable engineering skill, creative ability, and independent judgment; may provide technical supervision to lower level engineers and technical staff; familiar with a variety of the field's concepts, practices, and procedures.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Systems Engineer - Expert

**Minimum/General Experience:** A minimum of twelve (12) years' experience in systems engineering, systems analysis, data processing, information technology, or computer programming and/or related education and training.

**Functional Duties/Responsibility:** Applies systems analysis and engineering techniques and procedures to developing complex information systems on multiple platforms and development environments; combines software, hardware, standards and engineering in the development of system architectures; performs standard engineering analysis, development and design work that requires considerable engineering skill, creative ability, and independent judgment; may provide technical supervision to lower level engineers and technical staff; familiar with a variety of the field's concepts, practices, and procedures.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Systems Engineer - Principal

**Minimum/General Experience:** A minimum of fifteen (15) years' experience in systems engineering, systems analysis, data processing, information technology, or computer programming and/or related education and training.

**Functional Duties/Responsibility:** Applies systems analysis and engineering techniques and procedures to developing complex information systems on multiple platforms and development environments; combines software, hardware, standards and engineering in the development of system architectures; performs standard engineering analysis, development and design work that requires considerable engineering skill, creative ability, and independent judgment; may provide technical supervision to lower level engineers and technical staff; familiar with a variety of the field's concepts, practices, and procedures.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Test Engineer - Senior

**Minimum/General Experience:** A minimum of eight (8) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Performs software testing at all levels from module or unit testing through all levels of software integration testing. Provides test planning support to include test resources plans and test concepts. Writes software test plans in support of software design to ensure the integrity of test plans. Develops test procedures, scenario tests, bounds and exception testing, or test scripts in support of testing plans and procedures. Develops test data and predefines specific test acceptance criteria. Supports the software configuration management process and understands all software components and their interface requirements.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Test Engineer - Expert

**Minimum/General Experience:** A minimum of twelve (12) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Performs software testing at all levels from module or unit testing through all levels of software integration testing. Provides test planning support to include test resources plans and test concepts. Writes software test plans in support of software design to ensure the integrity of test plans. Develops test procedures, scenario tests, bounds and exception testing, or test scripts in support of testing plans and procedures. Develops test data and predefines specific test acceptance criteria. Supports the software configuration management process and understands all software components and their interface requirements.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = Bachelor's Degree

**Job Title:** Test Engineer - Principal

**Minimum/General Experience:** A minimum of fifteen (15) years' experience in engineering, computer science, or related engineering discipline.

**Functional Duties/Responsibility:** Performs software testing at all levels from module or unit testing through all levels of software integration testing. Provides test planning support to include test resources plans and test concepts. Writes software test plans in support of software design to ensure the integrity of test plans. Develops test procedures, scenario tests, bounds and exception testing, or test scripts in support of testing plans and procedures. Develops test data and predefines specific test acceptance criteria. Supports the software configuration management process and understands all software components and their interface requirements.

**Minimum Education:** A Bachelor's Degree

**Required/Supplemental Certifications:** None

**Substitution Methodology:** 5 years' experience = 5 years' experience = Bachelor's Degree