

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.**

MUTIPLE AWARD SCHEDULE

FSC Group MAS

Contract number – **47QRAA20D003E**

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

Contract period – **December 23, 2019 through December 22, 2024**

CONTRACTOR:

AVALON
Business Engineering Services™

Avalon Business Engineering Services, LLC
1020 University Park Blvd Ste 200
Clearfield, UT 84015

Socio-Economic Indicators: s/w/wo/ew/dv/d/8a

Contract Administration source:

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Avalon Business Engineering Services
801-447-1623
gsa@avalonbes.com

CUSTOMER INFORMATION

1a. Table of Awarded special item numbers

SIN	Recovery	SIN Description
541330ENG	541330ENGR	Engineering Services
541370GIS	541370GISRC	GIS Information Systems (GIS) Services
54151S	54151SRC	Information Technology Professional Services
541611	541611RC	Management and Financial Consulting, Acquisition and Grants Management Support
541620	541620RC	Environmental Consulting Services
541715	541715RC	Engineering Research and Development and Strategic Planning

1b. Identification of the lowest priced model number and lowest unit price:

SINs	Awarded Labor Category	Year 1	Year 2	Year 3	Year 4	Year 5
541715, 541330ENG, 541620, 541370GIS, 541611, 54151S	Jr. Tech Writer**	\$36.93	\$37.74	\$38.57	\$ 39.42	\$40.29

1c. Hourly Rates

SINs	Awarded Labor Category	Year 1	Year 2	Year 3	Year 4	Year 5
541715, 541330ENG, 541620, 541370GIS, 541611, 54151S	Admin/Community Relation Analyst**	\$66.01	\$67.47	\$68.95	\$70.47	\$72.02
541620, 541370GIS	Cartographic Technician**	\$46.84	\$47.87	\$48.93	\$50.00	\$51.10
541620, 541370GIS	Jr. Geologist	\$81.82	\$83.62	\$85.46	\$87.34	\$89.26
541620, 541370GIS	Sr. Geologist	\$98.39	\$100.56	\$102.77	\$105.03	\$107.34
541715, 541330ENG, 54151S	JIRA Developer	\$68.52	\$70.02	\$71.56	\$73.14	\$74.75
541715, 541330ENG, 541620, 541370GIS, 541611, 54151S	Jr. Technical Writer**	\$36.93	\$37.74	\$38.57	\$ 39.42	\$40.29
541715, 541330ENG, 541620, 541370GIS, 541611, 54151S	Technical Writer**	\$44.85	\$45.83	\$46.84	\$47.87	\$48.93
541715, 541330ENG, 541611	Principal Logistician	\$86.24	\$88.14	\$90.08	\$92.06	\$94.09

SINs	Awarded Labor Category	Year 1	Year 2	Year 3	Year 4	Year 5
541715, 541330ENG	Sr. Logistician	\$73.04	\$74.64	\$76.28	\$77.96	\$79.68
541715, 541330ENG, 541611	Logistician	\$51.13	\$52.26	\$53.41	\$54.58	\$55.78
541715, 541330ENG	Principal Electrical Engineer	\$111.60	\$114.05	\$116.56	\$119.13	\$121.75
541715, 541330ENG	Sr. Electrical Engineer	\$97.77	\$99.92	\$102.12	\$104.37	\$106.67
541715, 541330ENG	Jr. Electrical Engineer	\$44.05	\$45.02	\$46.01	\$47.02	\$48.05
541715, 541330ENG, 541620, 541370GIS, 541611, 54151S	Principal Systems Analyst	\$99.72	\$101.91	\$104.15	\$106.45	\$108.79
541715, 541330ENG, 541620, 541370GIS, 541611, 54151S	Sr. Systems Analyst	\$83.94	\$85.78	\$87.67	\$89.60	\$91.57
541715, 541330ENG	Principal Test Engineer	\$93.08	\$95.13	\$97.23	\$99.36	\$101.55
541715, 541330ENG, 54151S	Sr. Test Engineer	\$111.60	\$114.05	\$116.56	\$119.13	\$121.75
541715, 541330ENG, 541620, 541370GIS, 541611, 54151S	Professional Support Staff	\$53.96	\$55.15	\$56.36	\$57.60	\$58.87
541715, 541330ENG	Sr. Engineering Technician**	\$53.19	\$54.36	\$55.55	\$56.77	\$58.02
541715, 541330ENG	Engineer Technician**	\$42.01	\$42.94	\$43.88	\$44.85	\$45.83
541715, 541330ENG, 54151S	Sr. Manager/Engineer	\$161.49	\$165.05	\$168.68	\$172.39	\$176.18
541715, 541330ENG, 541620, 541370GIS, 541611, 54151S	Sr. Manager/Software Engineer	\$161.49	\$165.05	\$168.68	\$172.39	\$176.18
541715, 541330ENG, 541620, 541370GIS	Sr. Scientist	\$97.89	\$100.05	\$102.25	\$104.50	\$106.80
541715, 541330ENG	Sr. Scientist/Civil Engineer	\$98.37	\$100.54	\$102.75	\$105.01	\$107.32
541715, 541330ENG, 541620, 541370GIS, 541611, 54151S	Sr. Software Engineer	\$97.89	\$100.05	\$102.25	\$104.50	\$106.80
541715, 541330ENG	Process Engineer	\$98.71	\$100.88	\$103.10	\$105.37	\$107.69
541715, 541330ENG, 541620, 541370GIS, 541611, 54151S	Sr. Systems Administrator	\$108.92	\$111.32	\$113.77	\$116.27	\$118.83
541715, 541330ENG, 54151S	Principal CAD/Drafter	\$78.73	\$80.46	\$82.23	\$84.04	\$85.89
541715, 541330ENG, 541620, 541370GIS, 541611, 54151S	Sr. Manager/SME	\$120.72	\$123.37	\$126.09	\$128.86	\$131.69
541715, 541330ENG, 541620, 541370GIS, 541611, 54151S	Training Coordinator II	\$41.99	\$42.92	\$43.86	\$44.83	\$45.81

Service Contract Act (SCA) Matrix

The Service Contract Labor Standards (SCLS), formerly the Service Contract Act (SCA) is applicable to this contract as it applies to the entire Professional Services Schedule and all services provided and maintains the provisions and protections for SCLS eligible labor categories as shown below.

SCA Eligible Contract Labor Category	SCA Equivalent Code / Title	WD No.
Sr. Engineering Technicians**	30084 - Engineering Technician IV	2015-5484, Rev. 5, Date: 1/10/2018
Engineering Technicians**	30083 - Engineering Technician III	2015-5484, Rev. 5, Date: 1/10/2018
Principal CAD/Drafter**	30063 - Drafter/CAD Operator III	2015-5484, Rev. 5, Date: 1/10/2018
Technical Writer (Tech Writer II)**	30462 - Technical Writer II	2015-5484, Rev. 5, Date: 1/10/2018
Jr. Doc/Technical Writer (Tech Writer I)**	30461 - Technical Writer I	2015-5484, Rev. 5, Date: 1/10/2018
Cartography Tech**	30030 - Cartographic Technician	2015-5484, Rev. 5, Date: 1/10/2018
Admin/Community Relation Analyst**	01020 – Administrative Assistant	2015-5484, Rev. 5, Date: 1/10/2018

2. Maximum Order: \$1,000,000

3. Minimum Order: \$100.00

4. GEOGRAPHIC COVERAGE (delivery area): Domestic Delivery

5. POINT OF PRODUCTION: Same as Company Address

6. DISCOUNT: Prices shown are NET Prices; Basic Discounts have been deducted

7. QUANTITY DISCOUNTS: None

8. PROMPT PAYMENT TERMS: Net 30 days.

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

9a. Government purchase cards are accepted at or below the micro-purchase threshold.

9b. Government purchase cards are accepted above the mirco-purchase threshold.

10. FOREIGN ITEMS: None

11a. TIME OF DELIVERY: The Contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as set forth below:

SPECIAL ITEM NUMBER	DELIVERY TIME (Days ARO)
541715, 541330ENG, 541620, 541370GIS, 541611 54151S	To Be Negotiated per Task Order

11b. EXPEDITED DELIVERY. Items available for expedited delivery are noted in this price list.

11c. EXPEDITED DELIVERY may be available. Contact Contractor for more information.

11d. URGENT REQUIREMENTS: When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, ordering activities are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering activity, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

12. FOB point: Destination

13a. ORDERING ADDRESS Same as Contractor

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

14. PAYMENT ADDRESS: Same as Contractor

15. WARRANTY PROVISION: Not applicable

16. Export packing charges, if applicable: None

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

18. Terms and conditions of rental, maintenance, and repair: None

19. Terms and conditions of installation: None

20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices: None

20a. Terms and conditions for any other services: None

21. List of service and distribution points: None.

22. List of participating dealers: None

23. Preventive maintenance: None

24a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants) : None

24b. 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 (<http://www.avalonbes.com/>). The EIT standards can be found at: www.Section508.gov/.

25. Data Universal Number System (DUNS) number: 961677148

26. Notification regarding registration in System for Award Management (SAM) database:
Contractor has an active registration.

LABOR CATEGORY DESCRIPTIONS

LABOR CATEGORY	Minimum Education / Minimum Years Experience	Functional Responsibilities
Admin / Community Relations Analyst**	Bachelors degree in a related field / 3	Coordinates outreach and media activities with community agencies to ensure consistent program messaging and community involvement. Plans and carries out assignments or projects and resolves problems or deviations in the work according to instructions, policies and accepted communication practices. Oversee the data management project which include analytical data and correspondence between Federal and State Agencies. Incorporate quality assurance best practices. Engage in promoting or creating an intended public image. Write or select material for release to various communications media. Use knowledge of scientific disciplines and deliver information to the public on research data.
Cartography Technician**	Bachelors degree in a related technical field / 3	Produces, updates, and edits planimetric and topographic maps using computerized drafting methods. Collect, revise and integrate digital map data for features covering the Forest Service area of interest in their proper digital map file format in a Geographic Information System (GIS). Create edit plots for quality control purposes, scan layers and perform database transactions. Ensures mapping techniques and standards comply with client specifications and general cartographic principles and standards.
Junior Geologist	Bachelors degree in Geology, Hydrology, Engineering, Environmental Science or a related technical field / 1	Support projects within their expertise and prepare work products for review by the Project Manager or more senior employees. Provide data analysis and support services in the field of geoscience. Evaluate and interpret data to develop conclusions in order to make programmatic decisions. Generate maps and cross-sections to collaborate with multiple government agencies associated with programmatic concerns. Monitor field work and testing processes Prepare written plans and reports related to site investigations, assessments and remediation activities. Research area specific permit and regulatory requirements.
Senior Geologist	Bachelors degree in Geology, Hydrology, Engineering, Environmental Science or a related technical field / 8 At least 4 yrs progressive responsibility in providing	Provide senior level expertise to complex problems and projects and, as necessary, provide direct support and assistance to project managers regarding the technical aspects of projects. Work with a minimum of guidance and supervision. Provide direct assistance to clients and may oversee and/or check the technical performance of employees at lower grades.

LABOR CATEGORY	Minimum Education / Minimum Years Experience	Functional Responsibilities
	technical leadership	
JIRA Developer	Bachelors degree in a related technical field / 3	Support system design, development, integration and application maintenance. Complete application administration, to include workflow and custom plugin development. Write test scenarios and execute testing associated with application functionalities.
Junior Technical Writer (Document Technical Writer) **	Bachelors degree in a technical field/ 1 year experience in writing engineering documentation.	Provide technical writing support for engineering specifications, user manuals, monthly reports, engineering studies, publishing, etc. Validate and verify technical publications. Review and evaluate engineering analysis of proposed publication changes. Provide quality and configuration control of change process.
Technical Writer (Document Technical Writer) **	Bachelors degree in a technical field / 3	Provide technical writing function for engineering specifications, user manuals, monthly reports, engineering studies, publishing, etc. Validate and verify technical publications. Review and evaluate engineering analysis of proposed publication changes. Provide quality and configuration control of change process.
Principal Logistician	Masters degree in Business Administration, Logistics, Finance or related field / 10 At least 8 yrs progressive responsibility in providing technical leadership.	Superior level logistics services and technical leadership of Logistics Functions. Performs logistics functions to include acquisition support, supply chain coordination and communication, integrated logistics support, manpower estimating, distribution and transportation support. Interpret data on logistics elements, such as availability, maintainability, reliability, supply chain management, strategic sourcing or distribution, supplier management and transportation. Analyze product delivery or supply chain processes to identify or recommend changes. Schedule and technical delivery of assigned portfolio consisting of technical data review and validation. Conduct analyses and document review/update. Coordinate, plan, organize, control, integrate, and execute a project or collection of projects and will ensure achievement of schedule, technical reviews and project performance objectives. Provides program management support to include project control, project planning, cost analysis and requirements analysis, acquisition planning, training program development and implementation, system design/integration. Undertakes duties to administer, supervise, or perform work involving the planning, directing, or operating of logistics systems, services or facilities.

LABOR CATEGORY	Minimum Education / Minimum Years Experience	Functional Responsibilities
Senior Logistician	<p>Bachelors degree in Business Administration, Logistics, Finance or related field / 7</p> <p>At least 5 yrs progressive responsibility in providing technical leadership.</p>	<p>Provide Senior level logistics services and technical leadership of Logistics Functions. Performs logistics functions to include acquisition support, supply chain coordination and communication, integrated logistics support, manpower estimating, distribution and transportation support. Interpret data on logistics elements, such as availability, maintainability, reliability, supply chain management, strategic sourcing or distribution, supplier management and transportation. Analyze product delivery or supply chain processes to identify or recommend changes. Schedule and technical delivery of assigned portfolio consisting of technical data review and validation. Conduct analyses and document review/update. Coordinate, plan, organize, control, integrate, and execute a project or collection of projects and ensure achievement of schedule, technical reviews and project performance objectives.</p> <p>Provides program management support to include project control, project planning, cost analysis and requirements analysis, acquisition planning, training program development and implementation, system design/integration. Undertakes duties to administer, supervise, or perform work involving the planning, directing, or operating of logistics systems, services or facilities.</p>
Logistician	<p>Bachelors degree in Business Administration, Logistics, Finance or related field / 3</p> <p>At least 2 yrs progressive responsibility in providing technical leadership.</p>	<p>Provide logistics services and technical leadership of Logistics Functions. Performs logistics functions to include acquisition support, supply chain coordination and communication, integrated logistics support, manpower estimating, distribution and transportation support. Interpret data on logistics elements, such as availability, maintainability, reliability, supply chain management, strategic sourcing or distribution, supplier management and transportation. Analyze product delivery or supply chain processes to identify or recommend changes. Schedule and technical delivery of assigned portfolio consisting of technical data review and validation. Conduct analyses and document review/update. Coordinate, plan, organize, control, integrate, and execute a project or collection of projects and ensure achievement of schedule, technical reviews and project performance objectives.</p>

LABOR CATEGORY	Minimum Education / Minimum Years Experience	Functional Responsibilities
Principal Electrical Engineer	<p>Bachelors degree in Electronic Engineering, Electrical Engineering, Physics, or Mathematics.</p> <p>12 yrs directly related experience (10 yrs with MS degree). At least 6 yrs progressive responsibility in providing technical leadership.</p>	<p>Superior level engineering services and technical leadership of Electronic/ Electrical Engineering. Performs tasks using prescribed electrical engineering methods and practices. Performs high-level electrical engineering tasks requiring the application of standard techniques, procedures, and criteria in accomplishing tasks related to projects. Manages all phases of technical projects. Oversees project conception and design. Manages scheduling, estimating and securing of materials. Conducts engineering studies and investigations and prepares reports. Oversees a staff of junior engineers and provides engineering guidance.</p>
Senior Electrical Engineer	<p>Bachelors degree in Electronic Engineering, Electrical Engineering, Physics, or Mathematics.</p> <p>7 yrs directly related experience (5 yrs with MS degree). At least 3 yrs progressive responsibility in providing technical leadership.</p>	<p>Senior level engineering services and technical leadership of Electronic/ Electrical Engineering. Plans and performs engineering research, design development, or manufacturing engineering assignments, including responsibility for the engineering of part of a major project. Conducts the development of each assignment. Coordinates engineering personnel assigned to each activity. Coordinates the activities of the particular group with the various stages of the overall program. May work closely with other engineering disciplines to increase production quality, efficiency, or volume.</p>
Junior Electronic/ Electrical Engineer	<p>Bachelors degree in Electronic Engineering, Electrical Engineering, Physics, or Mathematics.</p> <p>1 year directly related experience.</p>	<p>Performs tasks using prescribed electrical engineering methods and practices. Performs specific and limited portions of a broader assignment under the direction of a more experienced electrical engineer. Follows and applies standard techniques, procedures, and criteria in accomplishing tasks related to projects. Supports senior engineering and client staff by conducting research and other functions to assist in resolving project related issues.</p>

LABOR CATEGORY	Minimum Education / Minimum Years Experience	Functional Responsibilities
Principal Systems Analyst	<p>Bachelors degree in Software Engineering, Computer Science, Information Technology, Data Processing or a related technical field</p> <p>12 yrs directly related experience (10 yrs with MS degree). At least 6 yrs progressive responsibility in providing technical leadership.</p>	<p>Superior level engineering services and technical leadership of software systems analysis or computer systems administration. Translates user requirements into functional requirements and solutions. Ensures quality throughout the project life cycle. Establishes technical and administrative policies for analytical personnel, including standards for review of work products for accuracy, adherence to design concepts and applicable standards. Reviews program documentation to assure compliance with standards or requirements and adherence to program milestones. Oversees systems analysts.</p>
Senior Systems Analyst	<p>Bachelors degree in Software Engineering, Computer Science, Information Technologies, or Data Processing.</p> <p>7 yrs directly related experience (5 yrs with MS degree). At least 3 yrs progressive responsibility in providing technical leadership.</p>	<p>Senior level engineering services and technical leadership of software systems analysis or computer systems administration. Translates user requirements into functional requirements and solutions. Performs system, equipment and software analysis as well as engineering support functions. Ensures quality throughout the project life cycle. Establishes technical and administrative policies for analytical personnel, including standards for review of work products for accuracy, adherence to design concepts and applicable standards. Reviews program documentation to assure compliance with standards or requirements and adherence to program milestones. Oversees systems analysts.</p>
Principal Test Engineer	<p>Bachelors degree in Electrical Engineering, Electronic Engineering, Aerospace Engineering, Mechanical Engineering, Chemical Engineering, Material Engineering, Software Engineering (including degrees listed as acceptable for Software), Physics, Mathematics, Quality Assurance, or Statistical Analysis.</p> <p>7 yrs directly related experience (5 yrs with MS degree). At least 3 yrs progressive responsibility in providing technical leadership.</p>	<p>Superior level engineering services and technical leadership of Test Engineering. Performs analysis of documented user requirements and directs or assists in the design of test plans. Reviews user application system requirements documentation. Designs, defines and documents unit and application test plans and transforms test plans into test scripts and executes those scripts. Ensures testing conclusions and recommendations are fully supported by test results, and that project managers are fully informed of testing status and application deviations from documented user requirements. Manages and assists with the analysis of test results, documents conclusions, and makes recommendations as supported from the analysis.</p>

LABOR CATEGORY	Minimum Education / Minimum Years Experience	Functional Responsibilities
Senior Test Engineer	<p>Bachelors degree in Electrical Engineering, Electronic Engineering, Aerospace Engineering, Mechanical Engineering, Chemical Engineering, Material Engineering, Software Engineering (including degrees listed as acceptable for Software), Physics, Mathematics, Quality Assurance, or Statistical Analysis.</p> <p>7 yrs directly related experience (5 yrs with MS degree). At least 3 yrs progressive responsibility in providing technical leadership.</p>	<p>Senior level engineering services and technical leadership of Test Engineering. Performs analysis of documented user requirements and directs or assists in the design of test plans. Reviews user application system requirements documentation. Designs, defines and documents unit and application test plans and transforms test plans into test scripts and executes those scripts. Participate in all phases of risk management assessment and software/hardware development. Handles proper execution of test scripts and documentation of test results in test logs or defect tracking systems. Performs the test designs and documentation to support all applicable client, agency or industry standards, timelines and budgets. Provides the development of test data to be used in performing the required tests. Ensures testing conclusions and recommendations are fully supported by test results, and that project managers are fully informed of testing status and application deviations from documented user requirements. Manages and assists with the analysis of test results, documents conclusions, and makes recommendations as supported from the analysis.</p>
Professional Support Staff	Bachelors degree in a relevant field / 3	Superior level services and technical leadership. Includes scientists, statisticians, mathematicians, program control, contract administration, trainers, human factors, etc.
Senior Engineering Technician**	Bachelors degree in a relevant field / 7	Complex data collection and preparation necessary to support engineering studies and reports. Provide hardware and software applications support, and support of prototype & modification development/installation. Assist with the design, development, build up, testing and deployment of various systems. Execute work orders to build, troubleshoot, install and test hardware and software assets.
Engineer Technician**	Bachelors degree in a relevant field / 2	Basic data collection and preparation necessary to support engineering studies and reports. Provide hardware and software applications support, and support of prototype and modification development/installation. Assist with the design, development, build up, testing and deployment of various systems. Execute work orders to build, troubleshoot, install and test hardware and software assets.

LABOR CATEGORY	Minimum Education / Minimum Years Experience	Functional Responsibilities
Senior Manager / Engineer	<p>Bachelors degree in Engineering, Computer Science, Software, Mathematics, Physics, or equivalent experience in the applicable domain.</p> <p>14 yrs (12 yrs with MS degree) of progressive experience in systems integration and analysis of military hardware and software systems/processes (or commercial equivalent). 10 yrs experience in system design, integration, and analytical efforts.</p>	<p>Manages multiple contracts / projects ensuring conformance to task specifications and contract provisions. Directs, oversees, and controls a team of multi-disciplined personnel to accomplish the overall management of the contracts. A consultative sales and solutions professional having expert knowledge of the government industry, its technology, opportunities, problems and competitors. At this level, incumbents demonstrate creativity, foresight, and mature engineering judgment as they anticipate and solve significant technical problems, determine program objectives, organize projects, and develop standards and guides for project team members. Respected in the industry, writes technical papers and serves on technical boards, IEEE, sub committees, etc.</p>
Senior Manager/ Software Engineer	<p>Bachelors degree in Software Engineering, Computer Science, Information Technologies, Data Processing, Electrical Engineering, Electronic Engineering, Physics, or Mathematics.</p> <p>7 yrs directly related experience (5 yrs with MS degree). At least 3 yrs progressive responsibility in providing technical leadership.</p>	<p>Senior level engineering services and technical leadership of Software Engineering. A consultative professional having expert knowledge of the government industry, its technology, opportunities, problems and competitors. Demonstrate creativity, foresight, and mature engineering judgment as they anticipate and solve significant technical problems, determine program objectives, organize projects, and develop standards and guides for project team members. Formulates, defines and provides empirical analysis for software programming applications, or modifies or maintains existing applications using engineering releases and utilities from the manufacturer.</p>
Senior Scientist	<p>Masters degree or equivalent in a Technical Field.</p> <p>7 years experience in a technical discipline.</p>	<p>Supervises and works alongside associate scientists in their daily operations and research in diverse biological areas. Familiar with a variety of the field's concepts, practices, and procedures. Provides scientific and technical guidance, expertise, coordination, and oversight to governmental agencies. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Communicate scientific and technical information to the internal audiences through oral briefings, written documents, workshops, conferences, training sessions, or hearings. A wide degree of creativity and latitude is expected.</p>

LABOR CATEGORY	Minimum Education / Minimum Years Experience	Functional Responsibilities
Senior Scientist/Civil Engineer	Masters degree or equivalent in a Technical Field. 7 years experience in a technical discipline.	Lead highly complex technical studies and analysis efforts. involved with the design, development and construction of a huge range of projects in the built and natural environment. Test soils or materials to determine the adequacy and strength of foundations, concrete or steel. Analyze information and evaluate results to choose the best solution and solve problems. Perform modeling of subsurface conditions. Accomplish bacteria studies. The central role is to ensure the safe, timely and well-resourced completion of projects in many areas, including highway construction, waste management, coastal development and geotechnical engineering. Responsible for working with clients to plan, manage, design and supervise the construction of projects. Works in different settings and, with experience, will be able to run projects as project manager. May also be required to monitor the quality of work and safety on site in conjunction with contracting engineers.
Senior Software Engineer	Bachelors degree in Software Engineering, Computer Science, Information Technologies, Data Processing, Electrical Engineering, Electronic Engineering, Physics, or Mathematics. 7 yrs directly related experience (5 yrs with MS degree). At least 3 yrs progressive responsibility in providing technical leadership.	Senior level engineering services and technical leadership of Software Engineering. Formulates, defines and provides empirical analysis for software programming applications, or modifies or maintains existing applications using engineering releases and utilities from the manufacturer. Responsible for applications dealing with the overall operating systems, such as file maintenance routines, computer accounting and advanced mathematical/scientific software packages. Able to define critical project criteria to ensure project completion. Analyze information to determine, recommend and plan installation of a new system or modification of an existing system. Provide software problem resolution. Provide software support analysis, repair and testing. Design and execute test plans.
Process Engineer	Bachelors degree in a relevant field / 5	Perform and manage complex tasks for the development and implementation of process techniques on scientific and engineering projects. Develop and implement process formulations and provide definition of standard and non-standard processing and handling equipment requirement specifications.

LABOR CATEGORY	Minimum Education / Minimum Years Experience	Functional Responsibilities
Senior Systems Administrator	Bachelors degree in Information Technology, Computer Science or a related technical field / 7	Responsible for maintaining specific systems within the IT environment. Ensure the maintenance, configuration, upkeep, security and reliable operation of assigned systems, networks, storage, and cloud-based technologies. Develops standard operating procedures and runbooks for the IT systems. Utilizes senior-level technical skills relating to the technologies or scripting languages used in the operation of the IT systems. Implement expert knowledge of system automation and IT operations-related technical requirements and tool selection/operation.
Principal CAD/Drafter**	Bachelors degree in a relevant field and 12 yrs progressive experience in CAD drafting.	Advanced and innovative usage of CAD software in generating detailed engineering drawings necessary to support engineering studies and reports. Develop detailed sub-assembly and assembly level design drawings using a multitude of CAD applications. Create and maintain Interface Control Documents. Provide support in preparing project deliverables, design/test reviews, Functional/Physical Configuration Audits.
Senior Manager/SME	Bachelors degree in Computer Science, Software, Mathematics, Physics, or equivalent experience in the applicable domain. 18 yrs (16 yrs with MS degree) of progressive experience in systems integration and analysis of military hardware and software systems/processes (or commercial equivalent). 14 yrs experience in system design, integration, and analytical efforts.	Supports Program Manager in the execution of their duties. Provides highly technical expertise and guidance in solving complex problems. Provides technical leadership of all phases of design analysis, development, integration, and implementation. Capable of determining independently the appropriate use of technologies in solving problems.
Training Coordinator II	Bachelors degree in a relevant field / 3	Provides support to training and management personnel. Includes project administration, documentation planning, program management support, meeting and event planning and administration, records administration, and data input. Serves as the Subject Matter Expert in all matters associated with accreditation programs. Ensures class curriculum is in compliance with accreditation plan. Maintain test control standards, instructor qualifications and student/instructor records.