

# GENERAL SERVICES ADMINISTRATION

## Federal Acquisition Service Authorized Federal Supply Schedule (FSS) 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 is available through **GSA Advantage!**<sup>™</sup>, a menu-driven database system. The internet address for **GSA Advantage!**<sup>™</sup> is: <http://www.GSAAdvantage.gov>.

### SCHEDULE FOR MULTIPLE AWARD SCHEDULE

<b>Federal Supply Group:</b>	Professional Services
<b>Contract Number:</b>	GS00F280CA <i>For more information on ordering go to the following website: <a href="https://www.gsa.gov/schedules">https://www.gsa.gov/schedules</a>.</i>
<b>Contract Period:</b>	27 Aug 2015 – 27 Aug 2030
<b>Price List Current As Of:</b>	Modification # PS-0057 effective March 9, 2026
<b>Contractor:</b>	Dewberry Engineers Inc.
<b>Address:</b>	8401 Arlington Boulevard, Fairfax, VA 22031-4666
<b>Business Size:</b>	Large  In accordance with 13 C.F.R. 121.404, the Contractor is ineligible to participate in any RFQ that is set aside for small business where the subject contract's awarded size status for the preponderance NAICS designated in the RFQ is "other than small".
<b>Contract Administration:</b>	Howard Perlmutter 703.208.6872 (phone) 703.849.0106 (fax) <a href="http://www.dewberry.com">www.dewberry.com</a> <a href="mailto:hperlmutter@dewberry.com">hperlmutter@dewberry.com</a>

**CUSTOMER INFORMATION**

**1.a.** Table of Awarded Special Item Number(s) with appropriate cross-reference to page numbers:

SIN	RECOVERY	SIN DESCRIPTION
541620	541620RC	Environmental Consulting Services
541611	541611RC	Management and Finance Consulting, Acquisition and Grants Management Support, and Business Program and Project Management Services
541370GEO	541370GEOSTLOC	Earth Observation Solutions (EOS)
541370GIS	541370RC	Geographic Information Systems (GIS) Services
541330ENG	541330ENG	Engineering Services
54151S	54151SSTLOC	Information Technology Professional Services
OLM	OLMRC	Order Level Material

**1.b.** 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 Services Plus File in FCP.**

**1.c.** 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 Services Plus File in FCP.**

**2. Maximum Order:** \$1,000,000.00

**3. Minimum Order:** \$100.00

**4. Geographic Coverage (delivery Area):** Domestic and Overseas.

**5. Point(s) of production (city, county, and state or foreign country):** Same as company address

**6. Discount from list prices or statement of net price:** Government net prices (discounts already deducted). See Attachment.

**7. Quantity discounts:** 1% discount on orders over \$1,000,000.

**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.

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

**10.a. Time of Delivery (Contractor insert number of days):** To be determined at the task order level.

**10.b. Expedited Delivery.** To be determined at the task order level.

**10.c. Overnight and 2-day delivery.** To be determined at the task order level.

**10.d. Urgent Requirements:** To be determined at the task order level.

- 11. **F.O.B Points(s):** Destination.
- 12.a. **Ordering Address(es):** Same as company address.
  - 12.b. **Ordering procedures:** See Federal Acquisition Regulation (FAR) 8.405-3.
- 13. **Payment address(es):** Same as company address.
- 14. **Warranty provision:** Standard Commercial Warranty Terms and Conditions.
- 15. **Export Packing Charges (if applicable):** To be determined at the task order level.
- 16. **Terms and conditions of rental, maintenance, and repair (if applicable):** Not Applicable.
- 17. **Terms and conditions of installation (if applicable):** Not Applicable.
- 18.a. **Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable):** Not Applicable.
  - 18.b. **Terms and conditions for any other services (if applicable):** Not Applicable
- 19. **List of service and distribution points (if applicable):** Not Applicable.
- 20. **List of participating dealers (if applicable):** Not Applicable.
- 21. **Preventive maintenance (if applicable):** Not Applicable.
- 22.a. **Environmental attributes, e.g., recycled content, energy efficiency, and/or reduced pollutants:** Not Applicable.
  - 22.b. **If applicable, indicate that Section 508 compliance information is available for the information and communications technology (ICT) products and services and show where full details can be found (e.g. contractor’s website or other location.) ICT accessibility standards can be found at: <https://www.Section508.gov/> :** Not Applicable.
- 23. **Unique Entity Identifier (UEI) number:** K3WDSCEDY1V5
- 24. **Notification regarding registration in System for Award Management (SAM) database:**  
Registered

## Final Pricing

The rates shown below include the Industrial Funding Fee (IFF) of 0.75%.

### Predominant Work Site Contractor Facility

SIN	TITLE	YEAR 11 8/27/2025 -	YEAR 12 8/27/2026 -	YEAR 13 8/27/2027 -	YEAR 14 8/27/2028 -	YEAR 15 8/27/2029 - 8/26/2030
541620	Arborist	\$121.65	\$124.69	\$127.81	\$131.01	\$134.29
541620	Archaeologist I	\$59.77	\$61.26	\$62.79	\$64.36	\$65.97
541620	Archaeologist III	\$122.65	\$125.72	\$128.86	\$132.08	\$135.38
541620	Architect II	\$95.30	\$97.68	\$100.12	\$102.62	\$105.19
541620	Architect III	\$119.31	\$122.29	\$125.35	\$128.48	\$131.69
541620	Architectural Historian	\$104.16	\$106.76	\$109.43	\$112.17	\$114.97
541620	Biologist III	\$111.68	\$114.47	\$117.33	\$120.26	\$123.27
541620	Chemical Engineer III	\$152.28	\$156.09	\$159.99	\$163.99	\$168.09

**AUTHORIZED FEDERAL SUPPLY SCHEDULE (FSS) PRICE LIST**

SIN	TITLE	YEAR 11 8/27/2025 -	YEAR 12 8/27/2026 -	YEAR 13 8/27/2027 -	YEAR 14 8/27/2028 -	YEAR 15 8/27/2029 - 8/26/2030
541620	Civil Engineer III	\$136.74	\$140.16	\$143.66	\$147.25	\$150.93
541620	Coastal Engineer III	\$127.05	\$130.23	\$133.49	\$136.83	\$140.25
541620	Computer Specialist III	\$110.22	\$112.98	\$115.80	\$118.70	\$121.67
541620	Electrical Engineer II	\$100.82	\$103.34	\$105.92	\$108.57	\$111.28
541620	Electrical Engineer III	\$143.37	\$146.95	\$150.62	\$154.39	\$158.25
541620	Engineer, Soil/Geotechnical II	\$108.26	\$110.97	\$113.74	\$116.58	\$119.49
541620	Engineer, Environmental I	\$71.82	\$73.62	\$75.46	\$77.35	\$79.28
541620	Engineer, Environmental II	\$96.37	\$98.78	\$101.25	\$103.78	\$106.37
541620	Engineer, Environmental, Senior	\$136.74	\$140.16	\$143.66	\$147.25	\$150.93
541620	Engineer, Mechanical II	\$100.82	\$103.34	\$105.92	\$108.57	\$111.28
541620	Engineer, Mechanical III	\$141.31	\$144.84	\$148.46	\$152.17	\$155.97
541620	Engineer, Sanitary III	\$138.12	\$141.57	\$145.11	\$148.74	\$152.46
541620	Engineer, Structural III	\$133.03	\$136.36	\$139.77	\$143.26	\$146.84
541620	Engineering Technician II	\$69.06	\$70.79	\$72.56	\$74.37	\$76.23
541620	Estimator I	\$63.59	\$65.18	\$66.81	\$68.48	\$70.19
541620	Estimator II	\$83.34	\$85.42	\$87.56	\$89.75	\$91.99
541620	Exhibit Detailer	\$67.98	\$69.68	\$71.42	\$73.21	\$75.04
541620	Geologist III	\$130.52	\$133.78	\$137.12	\$140.55	\$144.06
541620	GIS Specialist/Remote Sensing	\$93.25	\$95.58	\$97.97	\$100.42	\$102.93
541620	GIS Programmer	\$96.46	\$98.87	\$101.34	\$103.87	\$106.47
541620	Hydrogeologist	\$108.79	\$111.51	\$114.30	\$117.16	\$120.09
541620	Hydrologist III	\$131.19	\$134.47	\$137.83	\$141.28	\$144.81
541620	Planner, Environmental III	\$144.96	\$148.58	\$152.29	\$156.10	\$160.00
541620	Principal	\$194.76	\$199.63	\$204.62	\$209.74	\$214.98
541620	Program Director/QC	\$194.76	\$199.63	\$204.62	\$209.74	\$214.98
541620	Program Manager	\$158.84	\$162.81	\$166.88	\$171.05	\$175.33
541620	Project Manager II	\$187.58	\$192.27	\$197.08	\$202.01	\$207.06
541620	Surveyor I	\$53.86	\$55.21	\$56.59	\$58.00	\$59.45
541620	Surveyor II	\$77.34	\$79.27	\$81.25	\$83.28	\$85.36
541620	Surveyor III	\$100.76	\$103.28	\$105.86	\$108.51	\$111.22

**AUTHORIZED FEDERAL SUPPLY SCHEDULE (FSS) PRICE LIST**

SIN	TITLE	YEAR 11 8/27/2025 -	YEAR 12 8/27/2026 -	YEAR 13 8/27/2027 -	YEAR 14 8/27/2028 -	YEAR 15 8/27/2029 - 8/26/2030
541611	**Admin Asst	\$75.01	\$76.89	\$78.81	\$80.78	\$82.80
541611	Business Process Engineer 1	\$141.33	\$144.86	\$148.48	\$152.19	\$155.99
541611	Business Process Engineer 2	\$174.13	\$178.48	\$182.94	\$187.51	\$192.20
541611	Business Process Engineer 3	\$205.26	\$210.39	\$215.65	\$221.04	\$226.57
541611	Consultant 1	\$84.02	\$86.12	\$88.27	\$90.48	\$92.74
541611	Consultant 2	\$114.96	\$117.83	\$120.78	\$123.80	\$126.90
541611	Consultant 3	\$165.32	\$169.45	\$173.69	\$178.03	\$182.48
541611	Database Management Specialist 1	\$148.06	\$151.76	\$155.55	\$159.44	\$163.43
541611	Database Management Specialist 2	\$181.70	\$186.24	\$190.90	\$195.67	\$200.56
541611	Functional Analyst 2	\$141.33	\$144.86	\$148.48	\$152.19	\$155.99
541611	Functional Analyst 3	\$254.35	\$260.71	\$267.23	\$273.91	\$280.76
541611	**Graphic Designer	\$86.23	\$88.39	\$90.60	\$92.87	\$95.19
541611	IT Professional 1	\$108.40	\$111.11	\$113.89	\$116.74	\$119.66
541611	It Professional 2	\$151.77	\$155.56	\$159.45	\$163.44	\$167.53
541611	IT Professional 3	\$176.15	\$180.55	\$185.06	\$189.69	\$194.43
541611	Principal Consultant	\$280.19	\$287.19	\$294.37	\$301.73	\$309.27
541611	Program Manager	\$270.99	\$277.76	\$284.70	\$291.82	\$299.12
541611	Project Manager 1	\$219.01	\$224.49	\$230.10	\$235.85	\$241.75
541611	Project Manager 2	\$233.13	\$238.96	\$244.93	\$251.05	\$257.33
541611	Quality Assurance Analyst	\$145.82	\$149.47	\$153.21	\$157.04	\$160.97
541611	Sr Consultant 1	\$189.70	\$194.44	\$199.30	\$204.28	\$209.39
541611	Sr Consultant 2	\$203.25	\$208.33	\$213.54	\$218.88	\$224.35
541611	Sr Consultant 3	\$268.30	\$275.01	\$281.89	\$288.94	\$296.16
541611	Sr Training Specialist	\$145.42	\$149.06	\$152.79	\$156.61	\$160.53
541611	Subject Matter Expert 1	\$144.98	\$148.60	\$152.32	\$156.13	\$160.03
541611	Subject Matter Expert 2	\$208.26	\$213.47	\$218.81	\$224.28	\$229.89
541611	Subject Matter Expert 3	\$203.25	\$208.33	\$213.54	\$218.88	\$224.35
541611	Subject Matter Expert 4	\$322.79	\$330.86	\$339.13	\$347.61	\$356.30
541611	Writer Editor	\$84.02	\$86.12	\$88.27	\$90.48	\$92.74
541370GEO	GIS Specialist/Remote Sensing	\$110.90	\$113.67	\$116.51	\$119.42	\$122.41

**AUTHORIZED FEDERAL SUPPLY SCHEDULE (FSS) PRICE LIST**

SIN	TITLE	YEAR 11 8/27/2025 -	YEAR 12 8/27/2026 -	YEAR 13 8/27/2027 -	YEAR 14 8/27/2028 -	YEAR 15 8/27/2029 - 8/26/2030
541370GEO	GIS Programmer	\$110.81	\$113.58	\$116.42	\$119.33	\$122.31
541370GEO	GPS Analyst	\$73.91	\$75.76	\$77.65	\$79.59	\$81.58
541370GEO	Principal	\$194.75	\$199.62	\$204.61	\$209.73	\$214.97
541370GEO	Program Director/QC	\$194.75	\$199.62	\$204.61	\$209.73	\$214.97
541370GEO	Project Manager II	\$150.09	\$153.84	\$157.69	\$161.63	\$165.67
541370GIS	Aerial Sensor Operator	\$101.84	\$104.39	\$107.00	\$109.68	\$112.42
541370GIS	Lidar Specialist Senior	\$140.00	\$143.50	\$147.09	\$150.77	\$154.54
541370GIS	Data Scientist II	\$103.84	\$106.44	\$109.10	\$111.83	\$114.63
541370GIS	Remote Sensing Supervisor	\$136.63	\$140.05	\$143.55	\$147.14	\$150.82
541370GIS	Computer Programmer	\$153.46	\$157.30	\$161.23	\$165.26	\$169.39
541370GIS	Senior Cartographer	\$181.88	\$186.43	\$191.09	\$195.87	\$200.77
541370GIS	Senior GIS Specialist	\$140.53	\$144.04	\$147.64	\$151.33	\$155.11
541370GIS	Quality Manager	\$151.28	\$155.06	\$158.94	\$162.91	\$166.98
541330ENG	Principal-In-Charge	\$277.08	\$284.01	\$291.11	\$298.39	\$305.85
541330ENG	Project Manager	\$213.80	\$219.15	\$224.63	\$230.25	\$236.01
541330ENG	Project Scheduler	\$168.57	\$172.78	\$177.10	\$181.53	\$186.07
541330ENG	Quality Assurance Manager	\$216.62	\$222.04	\$227.59	\$233.28	\$239.11
541330ENG	Administrative Assistant	\$96.84	\$99.26	\$101.74	\$104.28	\$106.89
541330ENG	**Technician I	\$80.18	\$82.18	\$84.23	\$86.34	\$88.50
541330ENG	**Technician II	\$114.33	\$117.19	\$120.12	\$123.12	\$126.20
541330ENG	Inspector I	\$88.12	\$90.32	\$92.58	\$94.89	\$97.26
541330ENG	Inspector II	\$133.00	\$136.33	\$139.74	\$143.23	\$146.81
541330ENG	Inspector III	\$144.61	\$148.23	\$151.94	\$155.74	\$159.63
541330ENG	Engineer I	\$110.83	\$113.60	\$116.44	\$119.35	\$122.33
541330ENG	Engineer II	\$135.01	\$138.39	\$141.85	\$145.40	\$149.04
541330ENG	Engineer III	\$152.08	\$155.88	\$159.78	\$163.77	\$167.86
54151S	Information Technology-Project Manager	\$210.91	\$216.18	\$221.58	\$227.12	\$232.80
54151S	Database Administrator	\$132.02	\$135.32	\$138.70	\$142.17	\$145.72

### Service Contract Labor Standards

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

Labor Category	SCA Equivalent Code – Title	Wage Determination No
Administrative Assistant	01020 -Administrative Assistant	2015-4281
Graphic Designer	15080 – Graphic Artist	2015-4281
Technician I	30081 Engineering Technician I	2015-4281
Technician II	30082 Engineering Technician II	2015-4281

### Labor Category Descriptions

Detailed labor category descriptions are shown on the following pages.

## SIN 541620 - Environmental Consulting Services

### ARBORIST (SIN 541620)

**Responsibilities.** Survey areas to be worked on to suggest best way to achieve objectives (e.g., pruning, planting, pest control and tree removal) according to type of trees and location of work to best fit the needs of the client. Provide written estimates and suggested solutions to client. Implement agreed work and inspect for compliance.

**Education and Experience.** ISA-Certified Arborist certificate. Three years' field experience in commercial and government sectors.

### ARCHAEOLOGIST I (SIN 541620)

**Responsibilities.** Under the general supervision of the Field Supervisor or Project Manager, performs field tasks including, survey, excavation, data recovery, monitoring, and testing, while working with crew members. Participates in data analysis and assists in writing project reports. Conducts surveys and locates sites using topographic maps, compass, and aerial photographs. Completes or assigns completion of site forms and Archaeological Reconnaissance Reports (AARFs) and maps. Performs site file searches using museum, university, and federal and state records. Contributes to report writing and production as needed.

Participates in data analysis and assists in writing project reports. Conducts surveys and locates sites using topographic maps, compass, and aerial photographs. Completes or assigns completion of site forms and Archaeological Reconnaissance Reports (AARFs) and maps. Performs site file searches using museum, university, and federal and state records. Contributes to report writing and production as needed.

**Education and Experience.** A bachelor's degree in Archaeology, Anthropology, or related field. One year project related experience.

### ARCHAEOLOGIST III (SIN 541620)

**Responsibilities.** Performs field tasks including, survey, excavation, data recovery, monitoring, and testing, while working with crew members. Participates in data analysis and assists in writing project reports. Conducts surveys and locates sites using topographic maps, compass, and aerial photographs. Completes or assigns completion of site forms and Archaeological Reconnaissance Reports (AARFs) and maps. Performs site file searches using museum, university, and federal and state records. Contributes to report writing and production as needed.

**Education and Experience.** A bachelor's degree in Archaeology, Anthropology or related field. Four years' specialized experience in archaeology.

### **ARCHITECT II (SIN 541620)**

**Responsibilities.** Advises in the design, erection, and alteration of buildings and structures for the purpose of assisting in addressing environmental issues and initiatives. Reviews plans, specifications and methodologies. Assignments may involve use of the latest technologies and approaches in design and Architecture. Consults with Stakeholders to determine functional requirements of a project and the objectives of green and other environmental initiatives.

**Education and Experience.** A bachelor's degree in Architecture and four years' experience.

### **ARCHITECT III (SIN 541620)**

**Responsibilities.** Advises in the design, erection, and alteration of buildings and structures for the purpose of assisting in addressing environmental issues and initiatives. Reviews plans, specifications and methodologies. Assignments may involve use of the latest technologies and approaches in design and Architecture. Consults with Stakeholders to determine functional requirements of a project and the objectives of green and other environmental initiatives.

**Education and Experience.** A bachelor's degree in Architecture and six years' experience.

### **ARCHITECTURAL HISTORIAN (SIN 541620)**

**Responsibilities.** Project-level supervision. Responsibilities include conducting background research, survey and excavation fieldwork, and laboratory analysis; and writing reports. Work involves determinations of National Register eligibility, evaluation of impacts, and design of mitigation measures.

**Education and Experience.** A bachelor's or master's degree and experience in CRM involving Section 106 compliance projects, to meet federal and state agency permitting requirements as a Field Director. Experience identifying late nineteenth and early twentieth-century artifacts, preparing architectural descriptions, conducting historical research, and conducting research on artifacts, manufacturers, and technology. Proficiency in identifying, recording, and evaluating archaeological sites.

### **BIOLOGIST III (SIN 541620)**

**Responsibilities.** Studies the basic principles of plant and animal life and the effects of varying environmental and physical conditions such as radioactivity or pollution. Studies reactions of plants, animals, and marine species to parasites, bacteria, pharmaceuticals and chemicals.

**Education and Experience.** A master's degree in Biology or a related science. Four years' experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Typically reports to a supervisor or manager.

### **CHEMICAL ENGINEER III (SIN 541620)**

**Responsibilities.** Designs and initiates advanced solutions and studies addressing environmental issues and initiatives. Runs experiments and tests to aid in the development of improved procedures and processes.

**Education and Experience.** A bachelor's in Engineering. Four years' experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected. May report to a manager or head of a unit/department.

### **CIVIL ENGINEER III (SIN 541620)**

**Responsibilities.** Analyzes coastal and oceanographic processes and the interactions among waves, currents, sediments, and structures. Assists with collection and analysis of field data. Performs analytical and numerical modeling of waves, currents, and sediment transport in open coast, inlet, and estuarine

**AUTHORIZED FEDERAL SUPPLY SCHEDULE (FSS) PRICE LIST**

environments. Performs analysis, visualization, and interpretation of geospatial data, and time-series. Uses a wide range of principles, theories, concepts, and techniques to develop innovative solutions to problems. Applies expert knowledge to research, analyze data, and develop conclusions and recommendations.

**Education and Experience.** A bachelor's degree in Civil/Environmental Engineering or Equivalent. Nine years' experience in various environmental engineering projects including three years' specialized experience in coastal engineering. M.S. in Coastal Engineering preferred. In-depth knowledge of the NFIP and flood mapping program, particularly as related to history, regulations, and processes

**COASTAL ENGINEER III (SIN 541620)**

**Functional Responsibilities.** Manages analytical and numerical modeling of waves, currents, and sediment transport in open coast, inlet, and estuarine environments. Supervise analysis, visualization, and interpretation of geospatial data, and time-series. Uses advance range of principles, theories, concepts, and techniques to develop innovative solutions to problems. Applies expert knowledge to research, analyze data, and develop conclusions and recommendations.

**Education and Experience.** A bachelor's degree in Civil/Environmental Engineering. A master's degree preferred. Six years' experience in various engineering projects including five years' specialized experience in coastal engineering. In-depth knowledge of the NFIP and flood mapping program, particularly as related to history, regulations, and processes.

**COMPUTER SPECIALIST III (SIN 541620)**

**Responsibilities.** Operates and monitors computer equipment. Performs routine tasks to maintain computer equipment and their peripherals. Loads peripheral equipment such as tapes and printer paper for operating runs. Observes peripheral equipment and error messages displayed on monitor of terminal to detect faulty output or machine stoppage

**Education and Experience.** A bachelor's degree. Five years' experience as a computer operator. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. May report directly to a project lead or manager. A wide degree of creativity and latitude is expected.

**ELECTRICAL ENGINEER II (SIN 541620)**

**Responsibilities.** Designs, tests, installs, and maintains large-scale electronic equipment or machinery for use in manufacturing or power generation or transmission as a part of major environmental initiative or to correct major/mitigate environmental problem. May use computer-assisted engineering and design software and equipment to perform assignments. Applies principles and techniques of electrical engineering to accomplish goals.

**Education and Experience.** A bachelor's degree in Engineering. Four years' experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a supervisor or manager. A certain degree of creativity and latitude is required.

**ELECTRICAL ENGINEER III (SIN 541620)**

**Responsibilities.** Designs, tests, installs, and maintains large-scale electronic equipment or machinery for use in manufacturing or power generation or transmission as a part of major environmental initiative or to correct major/mitigate environmental problem. May use computer-assisted engineering and design software and equipment to perform assignments. Applies principles and techniques of electrical engineering to accomplish goals.

**Education and Experience.** A bachelor's degree in Engineering. Six years' experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May report to an executive or a manager. A wide degree of creativity and latitude is expected.

### **ENGINEER, SOIL/GEOTECHNICAL II (SIN 541620)**

**Responsibilities.** Civil/Geotechnical Engineer to work on a variety of geotechnical and civil projects in the surface water, industrial, transportation, and energy sectors. Works in teams and independently. Provides technical support on complex geotechnical projects. Analysis and report writing, identifying and defining scope, techniques, and prices for project proposals.

**Education and Experience.** A bachelor's degree in Engineering. Four years' experience in geotechnical or civil engineering. Managed technical programs and projects, both multiple and individual, with overall program/project responsibilities.

### **ENGINEER, ENVIRONMENTAL I (SIN 541620)**

**Responsibilities.** Identifies, assesses and resolves problems concerning the environment. May also design, install, operate and maintain measuring apparatus to determine the level of pollutants involving air, land, and water. Performs experiments and reports findings on environmental consequences of equipment, tools, and procedures. Ensures the organization's conformance to federal, state, and local environmental legislation.

**Education and Experience.** A bachelor's degree in Engineering. Two years' experience in the field or in a related area. Has knowledge of commonly-used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision.

### **ENGINEER, ENVIRONMENTAL II (SIN 541620)**

**Responsibilities.** Implements and maintains policies adhering to local, state and federal environmental, health and safety regulations. Involved in the design and development of facilities, work areas and work procedures and makes environmental, health and safety recommendations accordingly. Responsible for preparing, maintaining, and updating environmental policy and procedure manuals. Ensures compliance with all environmental, health and safety regulations, and keeps abreast of any changes to laws and regulations that impact the organization.

**Education and Experience.** A bachelor's degree in Engineering. Four years' experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. A certain degree of creativity and latitude is required.

### **ENGINEER, ENVIRONMENTAL SENIOR (SIN 541620)**

**Responsibilities.** Identifies, assesses and resolves problems concerning the environment. May also design, install, operate and maintain measuring apparatus to determine the level of pollutants involving air, land, and water. Performs experiments and reports findings on environmental consequences of equipment, tools, and procedures. Ensures the organization's conformance to federal, state, and local environmental legislation.

**Education and Experience.** A bachelor's degree in Engineering. Seven years' experience in the field or in a related area. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department.

### **ENGINEER, MECHANICAL II (SIN 541620)**

**Responsibilities.** Perform project level engineering duties in planning or assessing mechanical processes, tools and solutions to address environmental concerns or initiatives. Analyze impact and appropriateness of installation, operation, maintenance, and repair of such equipment as centralized heat, gas, water, and steam systems for specific environments. Design, plan, or perform engineering duties in the prevention, control, and remediation of environmental health hazards utilizing various engineering disciplines. Work may include waste treatment, site remediation, or pollution control technology.

**Education and Experience.** A bachelor's degree and four years' experience in field of expertise.

### **ENGINEER, MECHANICAL III (SIN 541620)**

**Responsibilities.** Perform project level engineering duties in planning or assessing mechanical processes, tools and solutions to address environmental concerns or initiatives. Analyze impact and appropriateness of installation, operation, maintenance, and repair of such equipment as centralized heat, gas, water, and steam systems for specific environments. Design, plan, or perform engineering duties in the prevention, control, and remediation of environmental health hazards utilizing various engineering disciplines. Work may include waste treatment, site remediation, or pollution control technology

**Education and Experience.** A bachelor's degree and six years' experience in field of expertise.

### **ENGINEER, SANITARY III (SIN 541620)**

**Responsibilities.** Collaborate with environmental scientists, planners, hazardous waste technicians, engineers, and other specialists, and experts in law and business to address environmental problems. Prepare, review, and update environmental investigation and recommendation reports. Design and supervise the development of systems processes for equipment for control, management, or remediation of water, air, or soil quality. Design and supervise the development of systems processes or equipment for control, management, or remediation of water, air, or soil quality. Provide environmental engineering assistance in network analysis, regulatory analysis, and planning or reviewing database development Obtain, update and maintain plans, permits and standard operating procedures. Advise corporations and Government agencies of procedures to follow in cleaning up contaminated sites to protect people and the environment.

**Minimum Education and Experience.** A bachelor's degree and six years' experience in field of expertise.

### **ENGINEER, STRUCTURAL III (SIN 541620)**

**Responsibilities.** Inspect structures using engineering skills to determine structural soundness and compliance with specifications, building codes, and to assess impact on environment and other regulations. Inspections may be general in nature or may be limited to a specific area.

**Education and Experience.** A bachelor's degree and six years' experience in field of expertise.

### **ENGINEERING TECHNICIAN II (SIN 541620)**

**Responsibilities.** Assists the engineers in the planning of projects. Estimates workload to establish completion dates. Has knowledge of commonly-used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Primary job functions do not typically require exercising independent judgment.

**Minimum Education and Experience.** High school diploma and two years' experience in the field or a related area.

### **ESTIMATOR I (SIN 541620)**

**Responsibilities.** Prepare cost estimates for projects or services. May specialize according to particular service performed. Consult with clients, vendors, stakeholders, and personnel to discuss and formulate estimates and resolve issues. Analyze plans and other documentation to prepare time, cost, materials, and labor estimates. Prepare estimates used by management for purposes such as planning, organizing, and scheduling work. Confer with project staff and Stakeholders on changes and adjustments to cost estimates. Assess cost effectiveness of products, projects or services, tracking actual costs relative to planned.

**Education and Experience.** A bachelor's degree and four years' experience in field of expertise.

### **ESTIMATOR II (SIN 541620)**

**Responsibilities.** Prepare cost estimates for projects or services. May specialize according to particular service performed. Consult with clients, vendors, stakeholders, and personnel to discuss and formulate estimates and resolve issues. Analyze plans and other documentation to prepare time, cost, materials,

and labor estimates. Prepare estimates used by management for purposes such as planning, organizing, and scheduling work. Confer with project staff and Stakeholders on changes and adjustments to cost estimates. Assess cost effectiveness of products, projects or services, tracking actual costs relative to planned.

**Education and Experience.** A bachelor's degree and six years' experience in field of expertise.

### **EXHIBIT DETAILER (SIN 541620)**

**Responsibilities.** Examine objects to be included in exhibits in order to plan where and how to display them. Acquire, or arrange for acquisition of, specimens or graphics required to complete exhibits. Prepare rough drafts and scale working drawings of sets, including floor plans, scenery, and properties to be constructed. Confer with clients and staff in order to gather information about exhibit space, proposed themes and content, timelines, budgets, materials, and/or promotion requirements. Estimate set- or exhibit-related costs including materials, construction, and rental of props or locations. Develop set designs based on evaluation of scripts, budgets, research information, and available locations. Direct and coordinate construction, erection, or decoration activities in order to ensure that sets or exhibits meet design, budget, and schedule requirements. Inspect installed exhibits for conformance to specifications, and satisfactory operation of special effects components. Plan for location-specific issues such as space limitations, traffic flow patterns, and safety concerns. Submit plans for approval, and adapt plans to serve intended purposes, or to conform to budget or fabrication restrictions.

**Education and Experience.** A bachelor's degree and three years' experience in field of expertise.

### **GEOLOGIST III (SIN 541620)**

**Responsibilities.** Applies advanced knowledge and experience of geology, chemistry, physics, biology, and mathematics to explain geological phenomena and develop the infrastructure and methodologies to better understand environmental issues and impacts assessment. Applies geological knowledge to explain and describe scientific and engineering problems encountered in NEPA-related studies. Directs and supervises the preparation of geological reports and maps, interprets and reports research data, and recommends further study or action. Supervises the development of environmental studies and prepares reports in response to environmental issues.

**Education and Experience.** A master's degree in Geology with at least six years' general experience working with environmental issues and substantive projects, at least three of which are specialized. Knowledgeable with National Environmental Policy Act (NEPA) methodologies and assessment techniques. A Doctor of Philosophy (PhD) degree may be substituted for three years' the general experience requirement.

### **GIS SPECIALIST/REMOTE SENSING (SIN 541620)**

**Responsibilities.** Performs high quality data processing tasks including the processing, management, manipulation and archiving of LiDAR and GIS data. Writes reports and generates documents to support the validity of LIDAR and GIS data. Performs a wide variety of the following tasks: reports, statistics, document preparation, data management, data analysis relating. Performs GPS, Inertial and LiDAR processing using provided software. Compiles geospatial data required for multiple-scale map production from scanned aerial and digital photographs. Applies standard photogrammetric techniques to geo-reference three-dimensional image information interpretable from digital photography or other imagery. Uses softcopy photogrammetric workstation technology to classify, measure and record features.

**Education and Experience.** A bachelor's degree in Geography, Cartography, Engineering, or a related field that encompasses Remote Sensing or Surveying, or five years' specialized experience. Post-secondary training or certification in Geography, Photogrammetry, Cartography, Imagery Analysis, GIS, Survey or Civil Engineering.

### **GIS/PROGRAMMER (SIN 541620)**

**Responsibilities.** Translates requirements and designs into computer software using commercial GIS or remote sensing technology platforms. Tests, debugs, and refines computer software to produce the required product. Prepares required documentation including both computer software and user level

documentation. Enhances software to reduce operating time or improve efficiency. May provide technical direction to other mapping professionals.

**Education and Experience.** A bachelor's degree in Computer Science, Information Systems, Software Engineering, Geography, Cartography, GIS, or other discipline related to GIS or Mapping Technology. Two years' general experience, one of which must be specialized. Specialized experience includes experience in the extraction of GIS information and attributing information to client standards and specifications, development within the specific information technology platform identified as the technical solution for the system and extraction of GIS information and attributing information in accordance with client standards and specifications and experience in the development of technical solutions and code for GIS applications.

### **HYDROGEOLOGIST (SIN 541620)**

**Responsibilities.** Applies knowledge of geology, chemistry, physics, biology, and mathematics to explain geological phenomena as it pertains to hydrology and hydraulic issues. Maps and charts water flow and disposition of sediment as it applies to geological phenomena and formations. Applies geological knowledge to the evaluation of data in reference to such problems as flooding and forecasting, soil and water conservation programs in NEPA- related studies. Prepares geological/hydrological reports and maps, interprets and reports research data, and recommends further study or action.

**Education and Experience.** A bachelor's degree in Hydrology or Engineering. General and specific environmental knowledge of geological issues pertaining to water quality assessments and impacts. Five years' general experience with two years' specialized experience.

### **HYDROLOGIST III (SIN 541620)**

**Responsibilities.** Studies distribution, disposition, and development of waters of land areas, including form and intensity of precipitation, and modes of return to ocean and atmosphere. Performs hydrology and hydraulic engineering analyses. Maps and charts water flow and disposition of sediment. Measures changes in water volume due to evaporation and melting of snow. Studies storm occurrences and determines rate of ground absorption and ultimate disposition of water. Evaluates data obtained in reference to such problems as flood and forecasting, soil and water conservation programs, and planning water supply, waterpower, and flood control. Depending on the size of the project and available staff, provide supervisory management and guidance on a project.

**Education and Experience.** A bachelor's degree in Hydrology or Engineering with six years' general and specialized experience in environmental planning and assessment issues. Knowledgeable with NEPA as it applies to environmental issues such as wetlands and storm management. A master's degree may be substituted for three years' experience.

### **PLANNER, ENVIRONMENTAL III (SIN 541620)**

**Responsibilities.** Experience in environmental planning and analysis, CEQA/NEPA compliance, demonstrated business development and client interaction experience, public involvement, technical writing, and project management. Works as a project lead on a project providing deliverables and ensuring that deliverable schedules are met. Controls schedule and budget, and interfaces and coordinates with internal project managers and clients.

**Education and Experience.** A bachelor's in Landscape Architecture, Environmental Planning, Environmental Science, Biology or Engineering. Six years' experience in environmental projects with at least three years' as a project lead. Knowledge and experience with NEPA/CEQA compliance projects. Experience in proposal writing and presentations. A master's in an above discipline may be substituted for three years' general experience.

### **PRINCIPAL (SIN 541620)**

**Responsibilities.** Directs, coordinates, and exercises oversight authority for planning, organizing, controlling, integrating, and completing programs. Supports Project Manager on concept development and system design to support life-cycle program activities. Executes and implements program directives and develops systems and controls to carry out program tasks. Sets priorities and implements procedures

**AUTHORIZED FEDERAL SUPPLY SCHEDULE (FSS) PRICE LIST**

for performing work activities. Directs and monitors work results for meeting customer requirements, specifications, and quality assurance standards. Evaluates performance of assigned program tasks in terms of quality, cost control, and program schedules.

**Education and Experience.** A bachelor's in Environmental Sciences, 15 years' experience in water resources engineering, floodplain or related field. P.E. registration and ASFPM certification desired.

**PROJECT DIRECTOR/QC (SIN 541620)**

**Responsibilities.** Coordinates and monitors the scheduling, pricing, and technical performance of programs. Responsibilities also include aiding in the negotiation of contracts, task orders, and contractual changes and coordinating preparations of proposals, plans, specifications, and financial conditions of contracts. Develops new business and expands product line. Ensures adherence to master plans and schedules, develops solutions to program problems, and directs work of incumbents assigned to a program from various departments. Ensures projects are completed on time and within budget. Acts as advisor to program team regarding projects, tasks, and operations. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of complex tasks. A certain degree of creativity and latitude is required.

**Education and Experience.** A bachelor's degree and at least 12 years' experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field.

**PROGRAM MANAGER (SIN 541620)**

**Responsibilities.** Directs, coordinates, and exercises supervisory authority for planning, organizing, controlling, integrating, and completing programs. Develops and establishes procedures and guidelines for daily operation of assigned program. Executes and implements program directives and develops systems and controls to carry out program tasks. Determines work schedules, sets priorities, and implements procedures for performing work activities. Directs and monitors work results for meeting customer requirements, specifications, and quality assurance standards. Evaluates performance of assigned program tasks in terms of quality, cost control, and program schedules.

**Minimum Education and Experience.** A bachelor's degree or equivalent and 10 years' which at least seven years' must be specialized. Specialized experience in general program management. Specialized experience must be in a technical or functional discipline and must have involved management of multiple programs simultaneously.

**PROJECT MANAGER II (SIN 541620)**

**Responsibilities.** Responsible for all aspects of the development and implementation of assigned projects and provides a single point of contact for those projects. Takes projects from original concept through final implementation. Interfaces with all areas affected by the project including end users, stakeholder and client services. Defines project scope and objectives. Develops detailed work plans, schedules, project estimates, resource plans, and status reports. Conducts project meetings and is responsible for project tracking and analysis. Ensures adherence to quality standards and reviews project deliverables. Manages the integration of vendor tasks and tracks and reviews vendor deliverables. Provides technical and analytical guidance to project team. Recommends and takes action to direct the analysis and solutions of problems.

**Education and Experience.** A bachelor's degree or equivalent and eight years' specialized experience in general program management. Specialized experience must be in a technical or functional discipline and must have involved management of multiple programs simultaneously.

**SURVEYOR I (SIN 541620)**

**Responsibilities.** Surveys and investigates land surfaces to project precise measurement and location of lines, angles, points, areas, and elevations. Performs project research, boundary calculations, and records accuracy of survey data, notes, and sketches. Relies on instructions and pre-established guidelines to perform the functions of the job.

**Education and Experience.** High school diploma or its equivalent. May have to complete an apprenticeship, and/or formal training in area of specialty. Has knowledge of commonly used concepts, practices, and procedures within a particular field.

#### **SURVEYOR II (SIN 541620)**

**Responsibilities.** Surveys and investigates land surfaces to project precise measurement and location of lines, angles, points, areas, and elevations. Performs project research, boundary calculations, and records accuracy of survey data, notes, and sketches. Performs a variety of tasks. A certain degree of creativity and latitude is required.

**Education and Experience.** High school diploma or its equivalent with two years' experience in the field. May have to complete an apprenticeship, and/or formal training in area of specialty. Familiar with standard concepts, practices, and procedures within a particular field. Relies on limited experience and judgment to plan and accomplish goals.

#### **SURVEYOR III (SIN 541620)**

**Responsibilities.** Surveys and investigates land surfaces to project precise measurement and location of lines, angles, points, areas, and elevations. Performs project research, boundary calculations, and records accuracy of survey data, notes, and sketches. Performs a variety of tasks. May lead and direct the work of others. A wide degree of creativity and latitude is expected.

**Education and Experience.** High school diploma or its equivalent with at least three years' experience in the field. May have to complete an apprenticeship, and/or formal training in area of specialty. Familiar with a variety of the field's concepts, practices, and procedures. Relies on limited experience and judgment to plan and accomplish goals.

## **SIN 541611 - Management and Finance Consulting, Acquisition and Grants Management Support, and Business Program and Project Management Services**

#### **ADMINISTRATIVE ASSISTANT (SIN 541611)**

**Responsibilities.** Types, proofreads materials for reports, manuals, briefs, instruction materials, catalogs, training materials, and other documents and publications, using established quality standards.

**Education and Experience.** High school diploma and at least four years' experience creating, maintaining, and updating documents, reports, and correspondence using PowerPoint, Excel, MS Word, and the Internet.

#### **BUSINESS PROCESS ENGINEER 1 (SIN 541611)**

**Responsibilities.** Applies process improvement and reengineering methodologies and principles to conduct process modernization projects. Responsible for effective transitioning of existing project teams and the facilitation of project teams in the accomplishment of project activities and objectives. Provides group facilitation, interviewing, training, and provides additional forms of knowledge transfer. Coordinates between multiple project teams to ensure enterprise-wide integration of reengineering efforts. Includes activity and data modeling, developing modern business methods, identifying best practices, and creating and assessing performance measurements.

**Education and Experience.** A bachelor's degree in Computer Science, Information Systems, Engineering, Business, Education, Management Sciences, Human Resources or other related discipline and at least three years' specialized experience. Specialized experience may include facilitation, training, methodology development and evaluation, process reengineering across all phases, identifying best practices, change management, business process improvement, business management techniques, organizational development, activity and data modeling, or information system development methods.

### **BUSINESS PROCESS ENGINEER 2 (SIN 541611)**

**Responsibilities.** Applies process improvement and reengineering methodologies and principles to conduct process modernization projects. Responsible for effective transitioning of existing project teams and the facilitation of project teams in the accomplishment of project activities and objectives. Provides group facilitation, interviewing, training, and provides additional forms of knowledge transfer. Coordinates between multiple project teams to ensure enterprise-wide integration of reengineering efforts. Includes activity and data modeling, developing modern business methods, identifying best practices, and creating and assessing performance measurements.

**Education and Experience.** A bachelor's degree in Computer Science, Information Systems, Engineering, Business, Education, Management Sciences, Human Resources or other related discipline and at least four years' specialized experience. Specialized experience may include facilitation, training, methodology development and evaluation, process reengineering across all phases, identifying best practices, change management, business process improvement, business management techniques, organizational development, activity and data modeling, or information system development methods.

### **BUSINESS PROCESS ENGINEER 3 (SIN 541611)**

**Responsibilities.** Applies process improvement and reengineering methodologies and principles to conduct process modernization projects. Responsible for effective transitioning of existing project teams and the facilitation of project teams in the accomplishment of project activities and objectives. Provides group facilitation, interviewing, training, and provides additional forms of knowledge transfer. Coordinates between multiple project teams to ensure enterprise-wide integration of reengineering efforts. Includes activity and data modeling, developing modern business methods, identifying best practices, and creating and assessing performance measurements.

**Education and Experience.** A master's degree in Computer Science, Information Systems, Engineering, Business, Education, Management Sciences, Human Resources or other related discipline and at least six years' specialized experience. Specialized experience may include facilitation, training, methodology development and evaluation, process reengineering across all phases, identifying best practices, change management, business process improvement, business management techniques, organizational development, activity and data modeling, or information system development methods.

### **CONSULTANT 1 (SIN 541611)**

**Responsibilities.** Uses a wide application of principles, theories, concepts, and techniques to develop innovative solutions to problems. Leads concept development, system design and simulation, and modeling functions to support life-cycle engineering and program activities. Applies expert knowledge to gather facts, research and analyze data, and develop conclusions and recommendations.

**Education and Experience.** A bachelor's degree or equivalent and six years' specialized experience. Specialized expertise must be in a technical or functional discipline, sub-discipline, and/or technology involving definition and interpretation of performance requirements and measurements. Experienced in decision-making and managing multiple programs/projects simultaneously. May have authored and published articles and books in their field of expertise.

### **CONSULTANT 2 (SIN 541611)**

**Responsibilities.** Uses a wide application of principles, theories, concepts, and techniques to develop innovative solutions to problems. Leads concept development, system design and simulation, and modeling functions to support life-cycle engineering and program activities. Applies expert knowledge to gather facts, research and analyze data, and develop conclusions and recommendations.

**Education and Experience.** A bachelor's degree or equivalent and eight years' specialized experience. Specialized expertise must be in a technical or functional discipline, sub-discipline, and/or technology involving definition and interpretation of performance requirements and measurements. Experienced in decision-making and managing multiple programs/projects simultaneously. May have authored and published articles and books in their field of expertise.

### **CONSULTANT 3 (SIN 541611)**

**Responsibilities.** Uses a wide application of principles, theories, concepts, and techniques to develop innovation solutions to problems. Leads concept development, system design and simulation, and modeling functions to support life-cycle engineering and program activities. Applies expert knowledge to gather facts, research and analyze data, and develop conclusions and recommendations.

**Education and Experience.** A master's degree or equivalent and 10 years' specialized experience or 16 years' specialized experience with a bachelor's degree. Possesses specialized expertise in a technical or functional discipline, sub-discipline, and/or technology involving definition and interpretation of performance requirements and measurements. Experienced in decision-making and managing multiple programs/projects simultaneously. May have authored and published articles and books in their field of expertise.

### **DATA BASE MANAGEMENT SPECIALIST 1I (SIN 541611)**

**Responsibilities.** Provides highly technical expertise in the use of DBMS. Evaluates and recommends available DBMS products to support validated user requirements. Defines file organization, indexing methods, and security procedures for specific user applications.

**Education and Experience.** A bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline and at least four years' specialized experience. Specialized experience includes demonstrated experience using current DBMS technologies, application design utilizing various DBMS, and experience with DBMS internals.

### **DATA BASE MANAGEMENT SPECIALIST 2 (SIN 541611)**

**Responsibilities.** Manages the development of data base projects. Plans and budgets staff and data base resources. When necessary, reallocates resources to maximize benefits. Prepares and delivers presentations on data base management systems (DBMS) concepts. Provides daily supervision and direction to support staff.

**Education and Experience.** A bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline and eight years' specialized experience. Specialized experience includes demonstrated experience with DBMS design and system analysis, current operating systems software internals, and data manipulation languages.

### **FUNCTIONAL ANALYST 2 (SIN 541611)**

**Responsibilities.** Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task.

**Education and Experience.** A bachelor's degree and at least three years' specialized experience. Specialized experience includes developing functional requirements for complex integrated systems, programs, and projects. Must demonstrate the ability to work independently or under only general direction.

### **FUNCTIONAL ANALYST 3(SIN 541611)**

**Responsibilities.** Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Provides daily supervision and direction to support staff.

**Education and Experience.** A bachelor's degree in Computer Science and at least eight years' specialized experience. Specialized experience includes superior functional knowledge of task order specific requirements, or developing functional requirements for complex integrated systems, programs and projects. Must demonstrate the ability to work independently or under only general direction.

### **GRAPHIC DESIGNER (SIN 541611)**

**Responsibilities.** Prepares sketches, artwork, line drawings, flowcharts, and other visual illustrations in support of technical documents and presentations. Skilled in the use of standard personal

computer/desktop graphic applications such as MS PowerPoint, Corel Presentations, Corel Draw, and/or Adobe Illustrator. Produces camera- ready copy for incorporation into manuals, technical documents, and slide show or viewgraph presentations.

**Education and Experience.** Must have an associate degree in a technical field (e.g., Mathematics, Computer Science, Electronics, or Engineering). A minimum of three years' experience in creating the aforementioned products is required.

### **IT PROFESSIONAL 1 (SIN 541611)**

**Responsibilities.** Assists in establishing the information requirements for the development of enterprise-wide or large-scale information systems. Assists in designing system architecture to include the software, hardware, and communications needed to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensures the system is compatible and in compliance with the information technology standards of the requesting organization as they apply to the implementation and specification of the IT solution proposed. Evaluates analytically and systematically problems of workflows, organization, planning, and develops appropriate corrective action.

**Education and Experience.** A bachelor's degree in Computer Science, Information Systems, Software Engineering, or other discipline related to Systems Engineering and Software Engineering and at least four years' specialized experience. Specialized experience includes use of system design methodologies and design tools such as UML, entity relationship diagrams, and other design techniques.

### **IT PROFESSIONAL 2 (SIN 541611)**

**Responsibilities.** Establishes the information requirements for the development of enterprise-wide or large-scale information systems. Designs system architecture to include the software, hardware, and communications needed to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensures the system is compatible and in compliance with the information technology standards of the requesting organization as they apply to the implementation and specification of the IT solution proposed. Evaluates analytically and systematically problems of workflows, organization, planning, and develops appropriate corrective action.

**Education and Experience.** A bachelor's degree in Computer Science, Information Systems, Software Engineering, or other discipline related to Systems Engineering and Software Engineering and at least six years' specialized experience. Specialized experience includes use of system design methodologies and design tools such as UML, entity relationship diagrams, and other design techniques.

### **IT PROFESSIONAL 3 (SIN 541611)**

**Responsibilities.** Establishes the information requirements for the development of enterprise-wide or large-scale information systems. Designs system architecture to include the software, hardware, and communications needed to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensures the system is compatible and in compliance with the information technology standards of the requesting organization as they apply to the implementation and specification of the IT solution proposed. Evaluates analytically and systematically problems of workflows, organization, planning, and develops appropriate corrective action.

**Education and Experience.** A master's degree in Computer Science, Information Systems, Software Engineering, or other discipline related to Systems Engineering and Software Engineering and at least five years' specialized experience. Specialized experience includes use of system design methodologies and design tools such as UML, entity relationship diagrams, and other design techniques.

### **PRINCIPAL CONSULTANT (SIN 541611)**

**Responsibilities.** Uses a wide application of principles, theories, concepts, and techniques to develop innovative solutions to problems. Leads concept development, system design, simulation and modeling functions to support life-cycle engineering and program activities. Applies expert knowledge to gather facts, research and analyze the data, and develop conclusions and recommendations. Provides specialized expertise and oversight on projects and programs and supplies technical advice and counsel to other professionals. Operates with wide latitude for independent action. Possesses expertise in the

**AUTHORIZED FEDERAL SUPPLY SCHEDULE (FSS) PRICE LIST**

areas of business management, environmental management, emergency management, security and homeland defense, strategic and tactical planning, personnel training and development, transportation planning, facilities planning, emergency/disaster management and planning, surveying, facilitation, cost/benefit analyses, process improvement, or risk mitigation.

**Experience and Education.** Must possess a graduate degree or equivalent with 15 years' specialized experience or have a minimum of 18 years' specialized experience with a bachelor's degree. Possesses a high-level of specialized expertise in a technical or functional discipline, sub-discipline, and/or technology involving definition and interpretation of performance requirements and measurements. Experienced in decision-making and managing multiple programs/projects simultaneously.

**PROGRAM MANAGER (SIN 541611)**

**Responsibilities.** Directs, coordinates, and exercises supervisory authority for planning, organizing, controlling, integrating, and completing programs. Develops and establishes procedures and guidelines for daily operation of assigned program. Executes and implements program directives and develops systems and controls to carry out program tasks. Determines work schedules, sets priorities, and implements procedures for performing work activities. Directs and monitors work results for meeting customer requirements, specifications, and quality assurance standards. Evaluates performance of assigned program tasks in terms of quality, cost control, and program schedules.

**Education and Experience.** A bachelor's degree or equivalent and 10 years' specialized experience in general program management. Specialized experience must be in a technical or functional discipline and must have involved management of multiple programs simultaneously.

**PROJECT MANAGER 1 (SIN 541611)**

**Responsibilities.** Directs, coordinates, and exercises supervisory authority for planning, organizing, controlling, integrating, and completing programs. Develops and establishes procedures and guidelines for daily operation of assigned program. Executes and implements program directives and develops complex systems and controls to carry out program tasks. Determines work schedules, sets priorities and implements procedures for performing work activities. Directs and monitors work results for meeting customer requirements, specifications, and quality assurance standards. Evaluates performance of assigned program tasks in terms of quality, cost control, and program schedules.

**Education and Experience.** A bachelor's degree or equivalent and five years' experience in general program management. Specialized experience must be in a technical or functional discipline and must have involved management of multiple projects simultaneously.

**PROJECT MANAGER 2 (SIN 541611)**

**Responsibilities.** Directs, coordinates, and exercises supervisory authority for planning, organizing, controlling, integrating, and completing programs. Develops and establishes procedures and guidelines for daily operation of assigned program. Executes and implements program directives and develops complex systems and controls to carry out program tasks. Determines work schedules, sets priorities and implements procedures for performing work activities. Directs and monitors work results for meeting customer requirements, specifications, and quality assurance standards. Evaluates performance of assigned program tasks in terms of quality, cost control, and program schedules.

**Education and Experience.** A bachelor's degree or equivalent and eight years' experience in general program management. Specialized experience must be in a technical or functional discipline and must have involved management of multiple projects simultaneously.

**QUALITY ASSURANCE ANALYST (SIN 541611)**

**Responsibilities.** Provides technical and administrative direction for personnel performing project development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, review of program documentation to assure government/client standards and requirements are adhered, and for progress in accordance with schedules. Coordinates with the Project Manager and/or Quality Assurance Manager to ensure problem solution and user satisfaction. Makes recommendations, if needed, for approval of major systems installations. Prepares milestone

status reports and deliveries/presentations on the system concept to colleagues, subordinates, and end-user representatives.

**Education and Experience.** A bachelor's degree and a minimum of three years' specialized experience. Specialized experience includes work in TQM systems, ISO 9001:2000, Personal Software Processes (PSP) auditing, integrated program management, and SPS processes. Proven understanding and application of government and ISO 9001:2000 documentation standards. Proven ability to work independently or under only general direction on complex application problems involving all phases of systems analysis is required.

### **SENIOR CONSULTANT 1 (SIN 541611)**

**Responsibilities.** Senior technical staff member who manages multiple projects. Provides specialized technical or functional expertise and task order management. Supplies expertise in the areas of business management, environmental management, emergency management, security and homeland defense, strategic and tactical planning, personnel training and development, transportation planning, facilities planning, emergency/disaster management and planning, surveying, cost/benefit analyses, process improvement, risk mitigation, or facilitation. Operates with wide latitude for independent action.

**Education and Experience.** Must possess a graduate degree or equivalent and have a minimum of six years' specialized experience, or 12 years' specialized experience with a bachelor's degree.

### **SENIOR CONSULTANT 2 (SIN 541611)**

**Responsibilities.** Senior staff member who manages multiple projects. Uses a wide application of principles, theories, concepts, and techniques to develop innovation solutions to problems. Leads concept development, system design, and simulation modeling functions to support life cycle engineering and program activities. Applies expert knowledge to gather facts, research and analyze data, and develop conclusions and recommendations. Provides specialized expertise and oversees the staffing, scoping, budgeting, and scheduling of task orders. Supplies expertise in the areas of business management, environmental management, emergency management, security and homeland defense, strategic and tactical planning, personnel training and development, transportation planning, facilities planning, emergency/disaster management and planning, surveying, cost/benefit analyses, process improvement, risk mitigation, or facilitation. Operates with wide latitude for independent action.

**Education and Experience.** Must possess a graduate degree or equivalent with 10 years' specialized experience or have a minimum of 14 years' specialized experience with a bachelor's degree. Possesses a high-level of specialized experience in a technical or functional discipline, sub-discipline, and/or technology involving definition and interpretation of performance requirements and measurements. Experienced in decision-making and managing multiple programs/projects simultaneously. May have authorized or published books or articles in field of expertise.

### **SENIOR CONSULTANT 3 (SIN 541611)**

**Responsibilities.** Senior manager responsible for multiple projects that involve different organizational and functional entities. Directs multiple projects, overseeing costs and administration, managing QC/QA review, and overseeing resource allocations and assignments. Uses a wide application of principles, theories, concepts, and techniques to develop innovative solutions to problems. Leads concept development, system design, simulation and modeling functions to support life-cycle engineering and program activities. Applies expert knowledge to gather facts, research and analyze the data, and develop conclusions and recommendations. Provides specialized expertise and oversight on projects and programs. Supplies advice and counsel to other professionals and operates with wide latitude for independent action. Possesses expertise in the areas of business management, environmental management, emergency management, security and homeland defense, strategic and tactical planning, personnel training and development, transportation planning, facilities planning, emergency/disaster management and planning, surveying, cost/benefit analyses, process improvement, risk mitigation and facilitation. Operates with wide latitude for independent action.

**Education and Experience.** Must possess a graduate degree or equivalent with 12 years' specialized experience or have a have a minimum of 15 years' specialized experience with a bachelor's degree.

Possesses a high-level of specialized expertise in a technical or functional discipline, sub-discipline, and/or technology involving definition and interpretation of performance requirements and measurements. Experienced in decision-making and managing multiple programs/projects simultaneously.

### **SENIOR TRAINING SPECIALIST (SIN 541611)**

**Responsibilities.** Conducts the research necessary to develop and revise training courses and prepares appropriate training catalogs. Develops all instructor materials (course outline, background material, and training aids). Develops all student materials (course manuals, workbooks, handouts, completion certificates, and course critique forms). Trains personnel by conducting formal classroom courses, workshops, seminars, and/or computer-based/computer aided training. Provides daily supervision and direction to staff.

**Education and Experience.** A bachelor's degree and a minimum of five years' specialized experience. Specialized experience includes experience in developing and providing technical and end-user training. Demonstrated ability to communicate orally and in writing. Demonstrated ability to work independently or under only general direction.

### **SUBJECT MATTER EXPERT 1 (SIN 541611)**

**Responsibilities.** Performs analytical and subject matter work in support of Client and project objectives. Uses a wide range of principles, theories, concepts, and techniques to develop innovative solutions to problems. Provides expert advice, assistance, or guidance in support of programs and projects. Applies expert knowledge to gather facts, research and analyze data, and develop conclusions and recommendations.

**Education and Experience.** A master's degree or equivalent and seven years' specialized experience in the applicable subject area.

### **SUBJECT MATTER EXPERT 2 (SIN 541611)**

**Responsibilities.** Performs complex analytical and subject matter work in support of Client and project objectives. Uses a wide range of principles, theories, concepts, and techniques to develop innovative solutions to problems. Provides expert advice, assistance, or guidance in support of programs and projects. Applies expert knowledge to gather facts, research and analyze data, and develop conclusions and recommendations.

**Education and Experience.** A master's degree or equivalent and nine years' specialized experience in the applicable subject area.

### **SUBJECT MATTER EXPERT 3 (SIN 541611)**

**Responsibilities.** Performs highly complex analytical and subject matter work in support of Client and project objectives. Uses a wide range of principles, theories, concepts, and techniques to develop innovative solutions to problems. Provides expert advice, assistance, or guidance in support of programs and projects. Applies expert knowledge to gather facts, research and analyze data, and develop conclusions and recommendations. Expert in one of the following areas: strategic planning, cost/benefit analyses, process improvement, and risk mitigation. May have authorized or published articles or books in field of expertise.

**Education and Experience.** A master's degree or equivalent and 12 years' specialized experience in the applicable subject area.

### **SUBJECT MATTER EXPERT 4 (SIN 541611, 541330ENG)**

**Responsibilities.** Performs highly complex analytical and subject matter work in support of Client and project objectives. Uses a wide range of principles, theories, concepts, and techniques to develop innovative solutions to problems. Provides expert advice, assistance, or guidance in support of programs and projects. Applies expert knowledge to gather facts, research and analyze data, and develop conclusions and recommendations. Expert in one of the following areas: strategic planning, cost/benefit analyses, process improvement, and risk mitigation. May have authorized or published articles or books in field of expertise.

**Education and Experience.** A master's degree or equivalent and 12 years' specialized experience in the applicable subject area.

#### **WRITER EDITOR (SIN 541611)**

**Responsibilities.** Develops and edits materials for reports, manuals, briefs, instruction materials, catalogs, training material, and other publications. Reviews journals, reports, and similar material to become familiar with product or process terminology.

**Education and Experience.** A bachelor's degree and at least six years' experience writing and editing for technical disciplines.

### **SIN 541370GEO - Earth Observation Solutions (EOS)**

#### **GIS SPECIALIST/REMOTE SENSING (SIN 541370GEO)**

**Responsibilities.** Performs high quality data processing tasks including the processing, management, manipulation and archiving of LiDAR and GIS data. Writes reports and generates documents to support the validity of LIDAR and GIS data. Performs a wide variety of the following tasks: reports, statistics, document preparation, data management, data analysis relating. Performs GPS, Inertial and LiDAR processing using provided software. Compiles geospatial data required for multiple-scale map production from scanned aerial and digital photographs. Applies standard photogrammetric techniques to geo-reference three-dimensional image information interpretable from digital photography or other imagery. Uses softcopy photogrammetric workstation technology to classify, measure and record features.

**Education and Experience.** A bachelor's degree in Geography, Cartography, Engineering, or a related field that encompasses Remote Sensing or Surveying, or five years' specialized experience. Post-secondary training or certification in Geography, Photogrammetry, Cartography, Imagery Analysis, GIS, Survey or Civil Engineering.

#### **GIS PROGRAMMER (SIN 541370GEO)**

**Responsibilities.** Translates requirements and designs into computer software using commercial GIS or remote sensing technology platforms. Tests, debugs, and refines computer software to produce the required product. Prepares required documentation including both computer software and user level documentation. Enhances software to reduce operating time or improve efficiency. May provide technical direction to other mapping professionals.

**Education and Experience.** A bachelor's degree in Computer Science, Information Systems, Software Engineering, Geography, Cartography, GIS, or other discipline related to GIS or Mapping Technology. Two years' general experience, one of which must be specialized. Specialized experience includes experience in the extraction of GIS information and attributing information to client standards and specifications, development within the specific information technology platform identified as the technical solution for the system and extraction of GIS information and attributing information in accordance with client standards and specifications and experience in the development of technical solutions and code for GIS applications.

#### **GPS ANALYST (SIN 541370GEO)**

**Responsibilities.** Applies professional knowledge and skills in the GIS sciences and relevant mathematics and statistics to plan, design, research, develop, construct, evaluate and modify mapping and charting systems and products such as digital orthophotography, GIS databases, and remote sensing products.

**Education and Experience.** A bachelor's degree and three years' specialized experience. Must be proficient in current GIS-related software.

### **PRINCIPAL (SIN 541370GEO)**

**Responsibilities.** Directs, coordinates, and exercises oversight authority for planning, organizing, controlling, integrating, and completing programs. Supports Project Manager on concept development and system design to support life-cycle program activities. Executes and implements program directives and develops systems and controls to carry out program tasks. Sets priorities and implements procedures for performing work activities. Directs and monitors work results for meeting customer requirements, specifications, and quality assurance standards. Evaluates performance of assigned program tasks in terms of quality, cost control, and program schedules.

**Education and Experience.** A bachelor's in Environmental Sciences, 15 years' experience in water resources engineering, floodplain or related field. P.E. registration and ASFPM certification desired.

### **PROJECT DIRECTOR/QC (SIN 541370GEO)**

**Responsibilities.** Coordinates and monitors the scheduling, pricing, and technical performance of programs. Responsibilities also include aiding in the negotiation of contracts, task orders, and contractual changes and coordinating preparations of proposals, plans, specifications, and financial conditions of contracts. Develops new business and expands product line. Ensures adherence to master plans and schedules, develops solutions to program problems, and directs work of incumbents assigned to a program from various departments. Ensures projects are completed on time and within budget. Acts as advisor to program team regarding projects, tasks, and operations. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of complex tasks. A certain degree of creativity and latitude is required.

**Education and Experience.** A bachelor's degree and at least 12 years' experience in the field or in a related area. Familiar with standard concepts, practices, and procedures within a particular field.

### **PROJECT MANAGER II (SIN 541370GEO)**

**Responsibilities.** Responsible for all aspects of the development and implementation of assigned projects and provides a single point of contact for those projects. Takes projects from original concept through final implementation. Interfaces with all areas affected by the project including end users, stakeholder and client services. Defines project scope and objectives. Develops detailed work plans, schedules, project estimates, resource plans, and status reports. Conducts project meetings and is responsible for project tracking and analysis. Ensures adherence to quality standards and reviews project deliverables. Manages the integration of vendor tasks and tracks and reviews vendor deliverables. Provides technical and analytical guidance to project team. Recommends and takes action to direct the analysis and solutions of problems.

**Education and Experience.** A bachelor's degree or equivalent and eight years' specialized experience in general program management. Specialized experience must be in a technical or functional discipline and must have involved management of multiple programs simultaneously.

## **SIN 541370GIS - Geographic Information Systems (GIS) Services**

### **AERIAL SENSOR OPERATOR (SIN 541370GIS)**

**Responsibilities.** Performs data acquisition and mapping tasks while flying over designated areas. Execute all assigned preflight, flight and post flight duties as required to safely and effectively operate the assigned sensor and mission set. This includes, mission planning, pre-briefings, mission system inspection, operation troubleshooting, post-flight inspections, debriefings and mission documentation. The ASO may also assist with performing sensor upgrades and maintenance. Provide multi-source data collection supporting real-time operations and post-mission analysis. The individual will be responsible for collecting and analyzing information while safely and effectively functioning as an aircrew member on a multi-position aircraft.

**Education and Experience.** Bachelor's degree and 2 years of prior relevant experience. Have or be able to obtain a FAA Class II medical certificate. Must show demonstrable interpretation and analysis experience with E/O IR sensor systems.

### **LIDAR SPECIALIST SENIOR (SIN 541370GIS)**

**Responsibilities.** Performs high quality data processing tasks including the processing, management, manipulation and archiving of LiDAR and GIS data. Writes reports and generates documents to support the validity of LIDAR and GIS data. Performs a wide variety of the following tasks: reports, statistics, document preparation, data management, data analysis relating. Performs GPS, Inertial and LiDAR processing using provided software. Applies lidargrammetry tools and workflows to complete projects and produce spatial datasets. Provides training and oversight of other Lidar specialists and analysts.

**Education and Experience.** Bachelor's degree in geography, cartography, engineering, or a related field that encompasses remote sensing or surveying and 8 years of specialized experience. Post-secondary training or certification in geography, photogrammetry, cartography, imagery analysis, GIS, survey, or civil engineering. Must have at least one year of supervisory experience.

### **DATA SCIENTIST II (SIN 541370GIS)**

**Responsibilities.** Utilize data mining and analysis skillsets to enhance collections of data for the purposes of complex data analysis. Process, cleanse and verify the integrity of data used for analysis and provide recommendations on additional datasets that could be utilized or created in support of analysis. Uses a wide range of data analysis and management techniques to develop innovative analysis and visuals in support of the project goals and objectives. Provides expert advice, assistance or guidance in support of data analytics.

**Education and Experience.** A bachelor's degree in related field and five years' experience.

### **REMOTE SENSING SUPERVISOR (SIN 541370GIS)**

**Responsibilities.** Performs high quality data processing tasks including the processing, management, manipulation and archiving of LiDAR and GIS data. Writes reports and generates documents to support the validity of LIDAR and GIS data. Performs a wide variety of the following tasks: reports, statistics, document preparation, data management, data analysis relating. Performs GPS, Inertial and LiDAR processing using provided software. Compiles geospatial data required for multiple-scale map production from scanned aerial and digital photographs. Applies standard photogrammetric techniques to geo-reference three-dimensional image information interpretable from digital photography or other imagery. Uses softcopy photogrammetric workstation technology to classify, measure and record features.

**Education and Experience.** Bachelor's degree in geography, cartography, engineering, or a related field that encompasses remote sensing or surveying and 8 years of experience.

### **COMPUTER PROGRAMMER (SIN 541370GIS)**

**Responsibilities.** Create, modify, and test the code, forms, and script that allow computer applications to run. Work from specifications drawn up by software developers or other individuals. May assist software developers by analyzing user needs and designing software solutions. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.

**Education and Experience.** A bachelor's degree in computer science, engineering, IT or related field and five years' experience.

### **SENIOR CARTOGRAPHER (SIN 541370GIS)**

**Responsibilities:** Applies professional knowledge and skills in the GIS sciences and relevant mathematics and statistics to plan, design, research, develop, construct, evaluate and modify mapping and charting systems and products such as digital orthophotography, GIS databases, and remote sensing products.

**Education and Experience:** A bachelor's degree and 10 years' experience.

### **SENIOR GIS SPECIALIST (SIN 541370GIS)**

**Responsibilities:** Provides advanced technical and analytical support to project team. Responsible for providing task management support and oversight to geospatial project team, coaching and reviewing the work of junior technical staff. Develops geospatial and cartographic solutions and products that require

collaboration with other subject matter experts, advanced analytics and data modeling. Responsible for coordinating all tasks with project management team and other key stakeholders, gathering and refining business drivers and requirements, and work with quality management team in developing technical guidance and quality standards that all deliverables must meet.

**Education and Experience:** A bachelor's degree, eight years' experience, and GISP or other relevant certification.

### **QUALITY MANAGER (SIN 541370GIS)**

**Responsibilities.** Responsible for all aspects of quality assurance and compliance with applicable regulatory requirements; conducts audits and reviews/analyzes data and documentation. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Will very likely lead and direct the work of others. A wide degree of creativity and latitude is expected. Reports to a manager or head of a unit/department.

**Education and Experience.** A bachelor's degree in Geospatial or Mapping or equivalent field and eight years' experience.

## **SIN 541330ENG - Engineering Services**

### **PRINCIPAL-IN-CHARGE (SIN 541330ENG)**

**Responsibilities.** Directs, coordinates, and exercises oversight authority for planning, organizing, controlling, integrating, and completing programs related to engineering design, construction monitoring, and supply chain analysis. Supports Project Management Office by providing guidance and resources necessary to meet project objectives. Executes and implements program directives and develops systems and controls to carry out program tasks. Sets priorities and implements procedures for performing work activities. Directs and monitors work results for meeting customer requirements, specifications, and quality assurance standards. Evaluates performance of assigned program tasks in terms of quality, cost control, and program schedules.

**Education and Experience.** A bachelor's in engineering or science, 15 years' experience in engineering design, project management or construction management. P.E. registration desired.

### **PROJECT MANAGER (SIN 541330ENG)**

**Responsibilities.** Responsible for all aspects of the development and implementation of assigned engineering, construction management, and supply chain projects and provides a single point of contact for those projects. Takes projects from original concept through final implementation. Interfaces with all areas affected by the project including end users, stakeholder and client services. Defines project scope and objectives. Develops detailed work plans, schedules, project estimates, resource plans, and status reports. Conducts project meetings and is responsible for project tracking and analysis. Ensures adherence to quality standards and reviews project deliverables. Manages the integration of vendor tasks and tracks and reviews vendor deliverables. Provides technical and analytical guidance to project team. Recommends and takes action to direct the analysis and solutions of problems.

**Education and Experience.** A bachelor's degree or equivalent and eight years' specialized experience in general program management. Specialized experience must be in a technical or functional discipline related to engineering and construction management and must have involved management of multiple programs simultaneously.

### **PROJECT SCHEDULER (SIN 541330ENG)**

**Responsibilities.** Develops and monitors critical path method schedules and performs schedule reviews and maintenance for project delivery and staffing. The Scheduler performs their responsibilities both in the field and in the home office and interfaces with contractors with respect to schedule compliance. The Scheduler notifies the Project Manager of schedule slippages and schedule float on a regular basis.

**Education and Experience.** Bachelor's degree or equivalent and eight years specialized experience in scheduling and project management support. Specialized experience must be in a technical or functional discipline.

#### **QUALITY ASSURANCE MANAGER (SIN 541330ENG)**

**Responsibilities.** Provides technical and administrative direction for personnel performing project development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, review of program documentation to assure government/client standards and requirements are adhered, and for progress in accordance with schedules. Coordinates with the Project Manager to ensure problem solution and user satisfaction. Makes recommendations, if needed, for approval of major systems installations. Prepares milestone status reports and deliveries/presentations on the system concept to colleagues, subordinates, and end-user representatives.

**Education and Experience.** A bachelor's degree and a minimum of five years' specialized experience. Specialized experience includes work in TQM systems, ISO 9001:2000, Personal Software Processes (PSP) auditing, integrated program management, and SPS processes. Proven understanding and application of government and ISO 9001:2000 documentation standards. Proven ability to work independently or under only general direction on complex application problems involving all phases of systems analysis is required.

#### **ADMINISTRATIVE ASSISTANT (SIN 541330ENG)**

**Responsibilities.** Performs general office administrative procedures and prepares routine correspondence, briefings, and reports; reads and interprets specific procedural guidelines pertaining to administrative functions, supports task order and client filing systems and procedures and other functions which are directly related to the work. Supports task order travel, equipment, and logistics processes and tracking. Prioritizes workload.

**Education and Experience.** High school diploma and at least two years' experience creating, maintaining, and updating documents, reports, and correspondence using PowerPoint, Excel, MS Word, Power BI and the Internet.

#### **TECHNICIAN I (SIN 541330ENG)**

**Responsibilities.** Assists housing planners, construction managers, construction monitors, engineers, and supply chain analysts with field and office operations based on commonly used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Primary job functions do not typically require exercising independent judgment. Performs simple and routine assignments under the close supervision of a project or assignment manager or Senior Technician/Technician III.

**Education and Experience.** High school diploma or GED and one or more year of experience in the field or a related area.

#### **TECHNICIAN II (SIN 541330ENG)**

**Responsibilities.** Performing inspections, data collection and evaluations and analyses, as needed. Supports housing planners, construction managers, construction monitors, engineers, and supply chain analysts with field and office operations based on commonly-used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Performs simple and routine assignments under the close supervision of a project or assignment manager or Senior Technician/Technician III.

**Education and Experience.** High school diploma or GED and five years' experience in the field or a related area.

#### **INSPECTOR I (SIN 541330ENG)**

**Responsibilities.** Monitors progress and conducts quality inspections for initial construction and ongoing repairs/maintenance of housing units and/or related disaster housing infrastructure (staging yards, etc.).

Relies on instructions and pre-existing guidelines to perform the functions of the job. Records daily progress via electronically or using hard copy methods.

**Education and Experience.** A bachelor's degree or a high school diploma or GED and equivalent experience and one or more years of inspection experience. Has knowledge of commonly used concepts, practices, and procedures within the construction field. Relies on instructions and pre-established guidelines to perform the functions of the job.

### **INSPECTOR II (SIN 541330ENG)**

**Responsibilities.** Conducts quality inspections for initial construction and ongoing repairs/maintenance of housing units and/or related disaster housing infrastructure (staging yards, etc.) to ensure adherence to contract specifications, building ordinances, and environmental and zoning laws. May be assigned to temporary or permanent residential or commercial structures. Records daily progress via electronically or using hard copy methods.

**Education and Experience.** A bachelor's degree or a high school diploma or GED and at least five years of equivalent experience. Has knowledge of commonly-used concepts, practices, and procedures within the construction field. Relies on instructions and pre-established guidelines to perform the functions of the job.

### **INSPECTOR III (SIN 541330ENG)**

**Responsibilities.** Oversees, conducts and reviews quality inspections for initial construction and ongoing repairs/maintenance of housing units and/or related disaster housing infrastructure (staging yards, etc.) to ensure adherence to contract specifications, building ordinances, and environmental and zoning laws. Typically oversees Inspector I and II.

**Education and Experience.** A bachelor's degree or a high school diploma or GED and equivalent experience and at least 10 years of inspection experience. Has knowledge of commonly-used concepts, practices, and procedures within the construction field. Relies on instructions and pre-established guidelines to perform the functions of the job.

### **ENGINEER I (SIN 541330ENG)**

**Responsibilities.** Assists and supports mid-level and senior-level engineers with assigned tasks on projects involving design development, analysis, review, and specifications; analytic or scientific studies; conceptual, developmental, and planning functions; field surveys; construction documents; mathematical formulations and equations; and investigative research and reporting. Works under the supervision of mid-level and senior-level engineers.

**Education and Experience.** A bachelor's in Engineering, Construction Management, or equivalent. At least one year of experience on engineering or construction management related projects.

### **ENGINEER II (SIN 541330ENG)**

**Responsibilities.** Plans and implements assigned tasks on projects involving design development, analysis, review, and specifications; analytic or scientific studies; conceptual, developmental, and planning functions; field surveys; construction documents; mathematical formulations and equations; and investigative research and reporting. Performs assigned tasks that are varied and may be somewhat difficult in character and coordinates with co-workers. Works under the supervision of senior engineers.

**Education and Experience.** A bachelor's in Engineering, Construction Management or equivalent. At least five years' experience on engineering or construction management related projects.

### **ENGINEER III (SIN 541330ENG)**

**Responsibilities.** Manages and oversees junior engineers assigned tasks involving design development, analysis, review, and specifications; analytic or scientific studies; conceptual, developmental, and planning functions; field surveys; construction documents; mathematical formulations and equations; and investigative research and reporting. Performs complex design analyses, reviews, specifications, as needed. Supervises junior and mid-level engineers.

**Education and Experience.** A bachelor's in Engineering, Construction Management, or equivalent. At least 10 years' experience on engineering or construction management related projects.

## **SIN 54151S - Information Technology Professional Services**

### **INFORMATION TECHNOLOGY PROJECT MANAGER (SIN 54151S)**

**Responsibilities:** Experience managing multiple complex IT Implementation projects in different phases using agile PM methodologies and Project Managers with varying skill levels. Experience using PMO tools; experience in onsite-offshore co-ordination; and experience in infrastructure and cloud migration. Responsibilities include project management of more complex technology projects, ensures on-time completion within a set budget with allocated personnel; manages scope, cost, schedule, internal staffing and outside vendors, and contractual deliverables; and prepares reports for upper management regarding status of project. Supervisory responsibilities of junior level IT Project Managers.

**Education and Experience:** Bachelor's degree and five years of experience.

### **DATABASE ADMINISTRATOR (SIN 54151S)**

**Responsibilities:** Experienced supporting high availability MS SQL and Oracle database environments. Knowledgeable in environment configuration, restoration and performance tuning for large data sets. Experience maintaining, monitoring and operating client relational database management systems based on contemporary technologies including one of more of the following technologies: relational, non-relational, geospatial, operational, hierarchical, network, and object-oriented databases. Develops data models and diagrams in support of underlying physical data models, ensures the performance and capacity of databases, along with their security by configuring and optimizing hardware and software and repairing, as needed; work with clients to ensure optimum performance of database systems and works with systems engineers to establish proper security and credentialing between relational database systems.

**Education and Experience:** Bachelor's degree and three years of experience.