General Services Administration

Federal Supply Service

Authorized Federal Supply Price List

On-line access to contract ordering information, terms and conditions, up-dated pricing, and contract award information is available at the website below.

Multiple Award Schedule Title & FSC Group and/or FSC Class(es)

Category Attachment Code: H
Title: Professional Services
H02. Environmental Services Subcategory
FSC/PSC Code: F999

Category Attachment Code: H
Title: Professional Services
H09. Technical and Engineering Services (Non IT)
Subcategory: FSC/PSC Code: R425

Contract Number
47QRAA22D0002

Contract Period
October 1, 2021 through September 30, 2026
Pricelist Effective through: PA-0006 effective March 2, 2022

Contractor
Flux Resources, LLC
6950 SW Hampton Street, Suite 338
Tigard, Oregon 97223
503.558.3500

Contractor’s Website
workwithflux.com

Contract Administrator
Bobby Dettmer
bobby.dettmer@workwithflux.com
503.558.3467

Business Size
Other than Small Business
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1.0 Company Overview and Experience

Flux Provides Service Solutions for Federal Agencies

Company Overview
Flux Resources, LLC’s roots in the engineering and environmental services industry span back to 1976 and our growth and transformation since that time has been extraordinary.

Flux is an offshoot of David Evans and Associates, Inc., (DEA) a professional services consulting firm with a record of fulfilling client needs on high-caliber projects. Though now separate, sister companies, DEA and Flux take pride in creating authentic, meaningful relationships, emphasizing accountability, and delivering exceptional client experiences.

At Flux, we commit to building trusting relationships, facilitating clear communication channels, and collaborating on creative solutions to complex problems within the Federal Contracting space. Flux excels at providing experienced engineers, project or construction managers, and environmental or technical specialists to assist government agencies with the following:

- Audits and Consulting
- Drafting & Computerized Design
- Due Diligence and Condition Assessments
- Engineering & Design Review
- Environmental Consulting, Reviews, Reports
- Historic Preservation, Artifact Analysis
- LEED & Sustainable Design
- Permitting & Negotiations with Regulators
- Program and Project Management
- Quality Control & Assurance
- Value Engineering/Analysis
Diverse Range of Services

541330ENG, 541330ENGRC — Engineering

- Archival
  - Facility Design, Site Inspections, Analyze Drawings
- Civil Engineering
  - Site & Infrastructure Design, Site Inspections
- Coastal Engineering
  - Coastal Structures, Waves, Environmental Reports
- Construction Inspection & Management
  - Damage Assessment, Facilities, Infrastructure, New Construction & Renovations
- Cost Estimating
  - Facilities, Infrastructure, New Construction & Renovations
- Electrical Engineering
  - Power Distribution, Lighting Design, Arc-Flash, Utilities
- Mechanical Engineering
  - Facilities, Infrastructure, New Construction & Renovations
- Project Management
  - Facilities, Infrastructure, New Construction & Renovations
- Soil/Geotechnical Engineering
  - Studies, Site Assessments
- Structural Engineering
  - Facilities, Infrastructure, New Construction & Renovation

541620, 541620RC — Environmental Services

- Archaeology
  - Scientific Studies, Site Inspections
- Biologists
  - Wildlife Surveys, Permitting, Site Inspections
- Environmental
  - Planning, Consulting, Assessment Plans, Reviews
- Geologists
  - Geological Studies, Reports, Mapping
- Planning
  - Development, Permitting, Policy Documents
- Water Quality

- Water Tests, Environmental Assessments
- Wetlands Specialists
- NEPA Issues & Assessments, Site Inspections
Current and Past Government Experience

Air Force Contracts Augmentation Program (AFCAP IV/V), Department of Defense
Flux mobilized and deployed engineering and construction management personnel with secret clearances to Al Dhafra AFB and Al Udeid Air Force Base. As a partner in the Urgent and Compelling program within AFCAP, Flux continues to support task orders by deploying personnel.

Joint Base McGuire-Dix-Lakehurst, McGuire Air Force Base, Environmental Project Agency (EPA)
Flux deployed geologists to identify per- and polyfluoroalkyl substances (PFAS) at the Joint Base McGuire-Dix-Lakehurst Air Force Base in New Jersey. This rapid deployment included finding geologists who possessed specific experience in monitoring well installations located along coastal plains.

2020 Fires, Debris Removal & Hazard Tree Removal Services, Department of Resources Recycling & Recovery (CALRECYCLE)
In 2020, Flux assisted CalRecycle to remove structural debris and an estimated 170,000 hazardous trees from six counties in California. Flux provided environmental specialists who identified the trees, debris and contaminated soil to remove.

COVID-19 Testing Strike Teams, Navajo Nation
Flux provided rapid deployment of personnel who assisted with testing of COVID-19 on the Navajo Nation territory in Utah, Arizona and New Mexico.
Each team provided consisted of a registered nurse, three certified assistants and alogistician. The teams worked in remote locations with limited resources as they tested for COVID-19 outbreaks.

Disaster Recovery/Vaccine Distribution Planning for COVID-19, City of Lowell, MA
Flux provided consulting and grant management services to maximize the City’s drawdown of state and federal funding streams to support the City’s COVID-19 pandemic disaster response and economic recovery.

Federal Programs Flux Supports

- DOE, Bonneville Power Administration, Supplemental Labor Office
- DHS, FEMA Public Assistance Technical Assistance Contract IV
- DHS, Building Resilient Infrastructure & Communities
- DoD, Air Force Contracts Augmentation Program
- DoD, Naval Facilities Engineering Systems Command Global Contingency Construction MAC
- DoD, SeaPort Next Generation
- EPA, Superfund Technical Assessment & Response Team
- HUD, Community Development Block Grant Disaster Recovery and Mitigation
- USACE, Rapid Disaster Infrastructure Response

The team established a comprehensive recovery funding portfolio with multiple funding streams, including reimbursement programs of stimulus funding, grants and/or loans from various federal or
state programs. The team also managed the flow of recovery programs, expanded the City’s capacity for fiscal management to support recovery, and maximized the City’s cost reimbursement from FEMA.

**On-Call Disaster Recovery Contract, Office of Risk Management (ORM), Louisiana**

Following the devastating impacts of Hurricane Laura, Flux assisted with the FEMA Public Assistance (PA) claims. As part of a team, Flux rapidly responded within 72 hours of notification. Flux personnel was responsible for providing site inspection, damage assessment, cost estimating, project formulation, and program delivery management to support ORM in the FEMA PA process.

**Marine Corp Installations East Command (MCIEAST) Support, Hurricane Florence, Department of Defense**

Flux supported the efforts of MCIEAST as it organized the rebuilding efforts from the damage caused by Hurricane Florence. Flux assisted with the reconstruction of six Marine Corps facilities in the south eastern portion of the United States by providing engineers and construction managers participating in the design and construction management.
Technical Support for Public Assistance Technical Assistance Contract IV (PATAC IV), FEMA

Flux provided construction managers, civil and structural engineers, environmental specialists, project managers, and accountants to assist with disaster relief for PATAC IV. These individuals followed FEMA standards to assess damaged buildings or infrastructure, create cost estimates, complete Scopes of Work, assist with grant documentation, and develop or validate FEMA reports. Under this contract, Flux has provided personnel following a variety of disasters including Hurricanes Irma, María, and Laura, as well as earthquakes in Puerto Rico and severe storms throughout the United States.

Long Proven Experience with Department of Energy

Since 2010 Flux has deployed more than 500 engineers, IT professionals, and administrative personnel to Bonneville Power Administration (BPA). Below are some examples of the projects our personnel supported:

Electrical Grid Modernization
- Performed 35 projects for BPA
- Increased automation, improved accuracy, and strengthened reliability of the grid
- Leveraged new technologies to improve workplace efficiencies

Smart Grid
- Conducted two major studies involving 11 electrical utilities in five states, six technology partners, two universities, BPA, 60,000 electric meters, and the NW Power & Conservation Council
- Evaluated 55 different technologies
- Resulted in smart meters and other intelligent energy technologies to improve energy efficiency and possibly reduce power costs

Transmission Line Reintegration
- Managed vegetation management of the Sammamish-Maple Valley and Monroe-Novelt transmission lines including brush and tree removal, and targeted application of herbicides
- Conducted environmental reviews and assessments of vegetation management plans, as well as along transmission corridors

Wind Integration
- Connected almost 5,100 MW of wind energy to the transmission system
2.0 Customer Information

1a. Awarded Special Item Numbers with appropriate cross reference to item descriptions and awarded price(s):

<table>
<thead>
<tr>
<th>SIN</th>
<th>SIN Description</th>
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<tbody>
<tr>
<td>541330ENG, 541330ENGRC</td>
<td>Engineering Services</td>
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<tr>
<td>541620, 541620RC</td>
<td>Environmental Consulting Services</td>
</tr>
<tr>
<td>OLM, OLMRC</td>
<td>Order Level Materials</td>
</tr>
</tbody>
</table>

1b. Lowest Priced Model:

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.

Not Applicable

1c. Labor Category Descriptions:

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 Section 4.0 for Labor Category Descriptions.

2. Maximum Order: SIN 541330ENG, 541330ENGRC — $1,000,000; SIN 541620, 541620RC — $1,000,000; SIN OLM, OLMRC — $250,000

3. Minimum Order: $100

4. Geographic coverage (delivery area): V — 48 States, DC

5. Point(s) of production (city, county, and State or foreign country): Tigard, Washington County, Oregon

6. Discount from list prices or statement of net price: Government net pricing

7. Quantity discounts: None

8. Prompt payment terms. Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.: 0% net 30 days.

9. Foreign items (list items by country of origin): None

10a. Time of Delivery (Contractor insert number of days): To be specified on individual task orders.

10b. Expedited Delivery. Items available for expedited delivery are noted in this price list. To be specified on individual task orders.

10c. Overnight and 2-day delivery. The contractor will indicate whether overnight and 2-day delivery are available. Also, the Contractor will indicate that the schedule customer may contact the
Contractor for rates for overnight and 2-day delivery. To be specified on individual task orders.

10d. Urgent Requirements. The Contractor will note in its price list the “Urgent Requirements” clause of its contract and advise agencies that they can also contact the Contractor’s representative to effect a faster delivery. To be specified on individual task orders.

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

12a. Ordering Address(es): Flux Resources, LLC, 6950 SW Hampton Street, Suite 338, Tigard, Oregon 97223

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

13. Payment Address(es): Flux Resources, LLC, 6950 SW Hampton Street, Suite 338, Tigard, Oregon 97223


15. Export Packing Charges (if applicable): Not Applicable

16. Terms and conditions of rental, maintenance, and repair (if applicable): Not Applicable

17. Terms and conditions of installation (if applicable): Not Applicable

18a. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable): Not Applicable

18b. 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

22a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency and/or reduced pollutants): Not Applicable

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

23. Unique Entity Identifier (UEI) number: FBWQMKLMMFG1

24. Notification regarding registration in System for Award Management (SAM) database: Registered
Service Contract Labor Standards: The Service Contract Labor Standards (SCLS), formerly known as the Service Contract Act (SCA), is applicable to this contract as it applies to the entire Multiple Award Schedule (MAS) and all services provided. While no specific labor categories have been identified as being subject to SCLS/SCA due to exemptions for professional employees (FAR 22.1101, 22.1102 and 29 CRF 541.300), this contract still maintains the provisions and protections for SCLS/SCA eligible labor categories. If and/or when the contractor adds SCLS/SCA labor categories to the contract through the modification process, the contractor must inform the Contracting Officer and establish a SCLS/SCA matrix identifying the GSA labor category titles, the occupational code, SCLS/SCA labor category titles and the applicable WD number. Failure to do so may result in cancellation of the contract.
### 3.0 Labor Categories and Rate Schedule

<table>
<thead>
<tr>
<th>SIN(S)</th>
<th>Labor Category</th>
<th>Minimum Education</th>
<th>Minimum Experience</th>
<th>Unit of Issue</th>
<th>Year 1 GSA Price + IFF</th>
<th>Year 2 GSA Price + IFF</th>
<th>Year 3 GSA Price + IFF</th>
<th>Year 4 GSA Price + IFF</th>
<th>Year 5 GSA Price + IFF</th>
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<tbody>
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<td>Archaeologist First</td>
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<td>$111.45</td>
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<td>Hour</td>
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<td>$111.45</td>
<td>$114.01</td>
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<td>$119.31</td>
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<td>Unit of Issue</td>
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<td>Year 2 GSA Price + IFF</td>
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4.0 Labor Category Descriptions

SIN 541330ENG

**Accountant Mid**

**Certification:** CPA, CFA or comparable

**Education:** Bachelor’s degree or higher from an accredited college/university in accounting or related field

**Experience:** Minimum of five years of work experience in auditing, accounting, or financial services. Proficient knowledge of Generally Accepted Accounting Principles (GAAP); Government Auditing Standards (GAS); federal regulations, including guidelines, standards, and concepts; or other relevant industry practices pertaining to the engagement. Strong oral and written communication skills.

**Functional Responsibilities:** Review applicant labor policies, pay rates, and fringe benefit information. Review timesheets and employee work logs. Provide financial analysis and consulting services. Meet with stakeholders. Analyze invoices, site inspection reports and external sources. May report to senior level accountants on relevant group projects as required.

**Architect First**

**Certification:** None Required

**Education:** Bachelor’s degree or higher from an accredited college/university in architecture or related field

**Experience:** If a registered architect, a minimum of two years of experience required; otherwise the minimum number of years of experience is five.

**Functional Responsibilities:** Reports to Architect Mid. Assists with conducting site inspections on sites with either major or minor damage to document damage. These individuals will conduct site inspections under the supervision of Architect Mid to validate infrastructure damage and record detailed damage descriptions during the inspection. May assist with writing reports and conducting other activities deemed by either Architect Mid or Architect Senior.

**Architect Mid**

**Certification:** Registered Architect

**Education:** Bachelor’s degree or higher from an accredited college/university in architecture or related field

**Experience:** Minimum of five years of related work experience.

**Functional Responsibilities:** Conduct site inspections with Architect First and report to Architect Senior on sites with either major or minor damage (e.g., destroyed facilities; facilities with either extensive or minor damage; facilities with damage to mechanical, electrical and plumbing components, etc.) to document damage. These individuals will conduct site inspections to validate infrastructure damage and record detailed damage descriptions during the inspection to include the following additional tasks: Analyzing professional architectural/engineering reports and designs or as-built plans and report findings to Architect Senior; Thoroughly documenting analyses in writing; Developing scopes of work, including related code and standard requirements with Architect Senior involvement; Validating applicant-provided scopes of work, including...
related code and standard requirements; Developing and reviewing cost estimates with Architect Senior overseeing.

**Architect Senior**

**Certification:** Registered Architect  
**Education:** Bachelor’s degree or higher from an accredited college/university in architecture or related field  
**Experience:** Minimum of 10 years of related work experience.  
**Functional Responsibilities:** Oversee Architect First and Architect Mid with site inspections on sites with either major or minor damage (e.g., destroyed facilities; facilities with damage; facilities with damage to mechanical, electrical and plumbing components, etc.) to document damage. These individuals will ensure site inspections conducted by Architect First and Architect Mid are conducted efficiently and all damage is recorded. They will oversee and/or conduct the following tasks: Reviewing and analyzing professional architectural/engineering reports and designs or as-built plans; Thoroughly documenting analyses in writing; Developing scopes of work, including related code and standard requirements; Validating applicant-provided scopes of work, including related code and standard requirements; Developing and reviewing cost estimates.

**Civil Engineer First**

**Certification:** None Required  
**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field  
**Experience:** Minimum of two years of related work experience.  
**Functional Responsibilities:** Under the supervision of Civil Engineer Mid. Responsible for civil engineering analysis and calculations after either a major or minor disaster and/or for small to large size projects. Performs work that involves conventional and specialized practices. Supports and assists specialty discipline activities under direct supervision. Assists in preparation of written and oral technical reports.

**Civil Engineer Mid**

**Certification:** Professional Engineer  
**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field  
**Experience:** Minimum of five years of related work experience.  
**Functional Responsibilities:** Oversees the Civil Engineer First with civil engineering analysis and calculations after either a major or minor disaster or for small to large size projects. Plans, develops, coordinates, and manages engineering activities on small to medium size projects of low to moderate complexity. Work requires independent problem solving, decision making, and adaptation of standard procedures with general direction given by higher level personnel. Performs work that involves conventional and specialized practices, and often includes complex features. May assist senior staff with planning, scheduling, and coordinating detailed phases of projects. Responsibility includes larger and more difficult project tasks and technical design. May oversee technical tasks, milestones, and deliverables. May determine methods and procedures on new technical assignments and may provide oversight to other technical staff.
Civil Engineer Senior

**Certification:** Professional Engineer

**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of 10 years of related work experience.

**Functional Responsibilities:** Coordinate, assign and review the efforts of the civil engineering technical staff, including Civil Engineer First and Civil Engineer Mid. Work on and manage a variety of technical tasks, to include review of policy and statutory requirements and requisite strategic planning to implement disaster recovery efforts. Prepare or review cost estimates or budgets pertaining to civil engineering related activities. Monitor the progress of work within the civil engineering technical team, ensures quality and timely delivery of contractual deliverables.

Client Liaison First

**Certification:** None Required

**Education:** None Required

**Experience:** If a Bachelor’s degree, a minimum of two years of experience required; otherwise the minimum number of years of experience is five.

**Functional Responsibilities:** Under the supervision of Client Liaison Mid, responsible for assisting program processes by initially contacting various stakeholders. Supports and assists Client Liaison Mid and Client Liaison Senior by conducting phone calls, drafting meeting agendas and scheduling site visits for inspections. Assists in preparation of written and oral reports. Other duties as assigned by either the Client Liaison Mid or Client Liaison Senior.

Client Liaison Mid

**Certification:** None Required

**Education:** None Required

**Experience:** If a Bachelor’s degree, a minimum of five years of experience required; otherwise the minimum number of years of experience is 10.

**Functional Responsibilities:** Oversees Client Liaison First. Assists Client Liaison Senior with managing program processes by working with various stakeholders. Reviews information provided by Client Liaison First, including information gathered by exploratory calls and research. Assists with conducting and facilitating meetings. Coordinates transmittal of documents and information. Recommends to Client Liaison Senior when to engage technical specialists.
Client Liaison Senior

**Certification:** None Required

**Education:** None Required

**Experience:** If a Bachelor’s degree, a minimum of 10 years of experience required; otherwise the minimum number of years of experience is 15.

**Functional Responsibilities:** Oversees Client Liaison Mid and Client Liaison First. Manages program processes by working with various stakeholders. Ensures program delivery in a timely, professional, customer-centric manner that meets all assigned recovery priorities. Tasks may include: reviewing information; developing an understanding of projects and priorities; working with stakeholders to prioritize projects; tracking and following-up with requests; engaging technical specialists; discussing and resolving eligibility issues.

Coastal Engineer Mid

**Certification:** Professional Engineer

**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of five years of related work experience.

**Functional Responsibilities:** Performs coastal engineering analyses through the application of coastal theory after either a major or minor disaster or for small to large size projects. Plans, develops, coordinates, and manages coastal engineering activities on small to medium size projects of low to moderate complexity. Organizes and interprets engineering data to prepare clear and concise engineering reports and technical documentation. May assist senior staff with planning, scheduling, and coordinating detailed phases of projects. Responsibility includes larger and more difficult project tasks and technical design pertaining to coastal engineering. May oversee technical tasks, milestones, and deliverables. May determine methods and procedures on new technical assignments and may provide oversight to other technical staff.

Construction Manager First

**Certification:** None Required

**Education:** None Required

**Experience:** If a Bachelor’s degree, a minimum of two years of experience required; otherwise the minimum number of years of experience is five.

**Functional Responsibilities:** Under the supervision of Construction Manager Mid, responsible for assisting in the construction management process by reviewing all orders and task requirements to ensure they meet the necessary standards and regulations. Initial contact personnel between client and potential day-to-day contact of any subconsultants or subcontractors. Supports and assists Construction Manager Mid and Construction Manager Senior by conducting phone calls, drafting meeting agendas and scheduling site visits for inspections. Assists in preparation of written and oral reports. Other duties as assigned by either the Construction Manager Mid or Construction Manager Senior.
**Construction Manager Mid**

**Certification:** None Required  
**Education:** None Required  
**Experience:** If a Bachelor’s degree, a minimum of five years of experience required; otherwise the minimum number of years of experience is 10.

**Functional Responsibilities:** Oversees Construction Manager First. Assists Construction Manager Senior with managing construction processes by working with and communicating with various stakeholders. Reviews information provided by Construction Manager First, including reports and information gathered through research. Assists with conducting and facilitating meetings pertaining to the construction team. Coordinates transmittal of documents and information. Recommends to Construction Manager Senior when to engage technical specialists.

**Construction Manager Senior**

**Certification:** None Required  
**Education:** None Required  
**Experience:** If a Bachelor’s degree, a minimum of 10 years of experience required; otherwise the minimum number of years of experience is 15.

**Functional Responsibilities:** Oversees Construction Manager Mid and Construction Manager First. Manages construction processes by working with various stakeholders, including technical staff. Ensures program delivery in a timely, professional, customer-centric manner that meets all assigned recovery priorities. Tasks may include: reviewing information pertaining to construction; developing an understanding of projects and priorities; working with stakeholders to prioritize construction-related projects; tracking and following-up with requests; engaging technical specialists; discussing and resolving eligibility issues. Assists Project Manager Senior with maintaining budget and deadlines.

**Construction Inspector First**

**Certification:** None Required  
**Education:** None Required  
**Experience:** If a Bachelor’s degree, a minimum of two years of experience required; otherwise the minimum number of years of experience is five.

**Functional Responsibilities:** Assist architects and engineers with site inspections to validate infrastructure or building damage and record with detailed damage descriptions. Supervised by Construction or Building Inspector Mid. In addition to assisting architects and engineers with the review of reports, documenting analyses in writing, developing scopes of work, and reviewing cost estimates, Construction or Building Inspector First also will assist with making recommendations on how to advise the client on potential claims or arbitration process. Take representative photographs of damage.
Construction Inspector Mid

Certification: None Required
Education: None Required
Experience: If a Bachelor’s degree, a minimum of five years of experience required; otherwise the minimum number of years of experience is 10.

Functional Responsibilities: Oversees Construction or Building Inspector First and reports to Construction or Building Inspector Senior. Assist architects and engineers with site inspections to validate infrastructure or building damage and record with detailed damage descriptions. In addition to assisting architects and engineers with the review of reports, documenting analyses in writing, developing scopes of work, and reviewing cost estimates, Construction or Building Inspector Mid will assist Construction or Building Inspector Senior with providing advice to the client on potential claims or arbitration process. Establish regular meetings with team with Construction or Building Inspector Senior direction.

Construction Inspector Senior

Certification: None Required
Education: None Required
Experience: If a Bachelor’s degree, a minimum of 10 years of experience required; otherwise the minimum number of years of experience is 15.

Functional Responsibilities: Oversees Construction or Building Inspector First and Mid. Assists architects and engineers with site inspections to validate infrastructure or building damage and record with detailed damage descriptions. In addition to assisting architects and engineers with the review of reports, documenting analyses in writing, developing scopes of work, and reviewing cost estimates, Construction or Building Inspector Senior will report directly to the client on potential claims or arbitration process. They will act as a lead on a team of site inspectors on complex sites and other relevant group projects as required by the operation. They determine a need for and engage technical specialists and environmental/historic preservation compliance specialists.

Electrical Engineer First

Certification: None Required
Education: Bachelor’s degree or higher from an accredited college/university in engineering or related field
Experience: Minimum of two years of related work experience.

Functional Responsibilities: Under the supervision of Electrical Engineer Mid, responsible for electrical engineering analysis and calculations after either a major or minor disaster and/or for small to large size projects. Performs work that involves conventional and specialized practices pertaining to all electrical engineering standards and regulations. Supports and assists specialty discipline activities under direct supervision. Assists in preparation of written and oral technical reports pertaining to electrical engineering knowledge.
Electrical Engineer Mid

Certification: Professional Engineer
Education: Bachelor’s degree or higher from an accredited college/university in engineering or related field
Experience: Minimum of five years of related work experience.

Functional Responsibilities: Oversees the Electrical Engineer First with electrical engineering analysis and calculations after either a major or minor disaster or for small to large size projects. Plans, develops, coordinates, and manages electrical engineering activities on small to medium size projects of low to moderate complexity.

Work requires independent problem solving, decision making, and adaptation of standard procedures with general direction given by higher level personnel. Performs work that involves conventional and specialized practices, and often includes complex features. May assist senior staff with planning, scheduling, and coordinating detailed phases of projects related to electrical engineering scope. Responsibility includes larger and more difficult project tasks and technical design. May oversee technical tasks, milestones, and deliverables. May determine methods and procedures on new technical assignments and may provide oversight to other electrical technical staff.

Electrical Engineer Senior

Certification: Professional Engineer
Education: Bachelor’s degree or higher from an accredited college/university in engineering or related field
Experience: Minimum of 10 years of related work experience.

Functional Responsibilities: Coordinate, assign and review the efforts of the electrical engineering technical staff, including Electrical Engineer First and Electrical Engineer Mid. Work on and manage a variety of technical tasks, to include review of policy and statutory requirements and requisite strategic planning to implement disaster recovery efforts, specifically geared toward electrical issues. Prepare or review cost estimates or budgets pertaining to electrical engineering related activities. Monitor the progress of work within the electrical engineering technical team, ensures quality and timely delivery of contractual deliverables.

Engineering Technician First

Certification: None Required
Education: Bachelor’s degree or higher from an accredited college/university in engineering or related field
Experience: Minimum of two years of related work experience.

Functional Responsibilities: Assists other employees in routine tasks such as logging, sorting, and taking data. Observes operations and records data for analysis by others. During progressive training activities, confers with other personnel to clarify scope and requirements of assignments. Seeks out routines and becomes familiar with group procedures in order to expedite training activities.
Engineering Technician Mid

**Certification:** Professional Engineer

**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of five years of related work experience.

**Functional Responsibilities:** Provides general assistance to technical personnel. Extracts engineering data from various prescribed but non-standardized sources; processes the data following well-defined methods including elementary algebra and geometry. Performs moderately complex computations. Prepares more routine internal reports and procedures related to work function. Utilizes computer terminals to formulate graphic files, to chart, collect, and plot data.

Engineering Technician Senior

**Certification:** Professional Engineer

**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of 10 years of related work experience.

**Functional Responsibilities:** Performs difficult and responsible engineering work in a field of engineering or science with considerable latitude as to methods of accomplishing assignments. Plans or assists in planning requirements, writing procedures, evaluating data, and writing reports. May write technical reports on projects covering progress, evaluation, analysis, and conclusions; contributes to the preparation of formal reports on special technical investigations or studies. Selects approaches to resolve design or operational problems; visualizes and develops new techniques or methods as needed for effective data presentations. Coordinates complex engineering and administrative problems needing resolution with suppliers, contractors, engineers, etc. May supervise or train a small staff of associates or craftsmen. Makes sound engineering decisions in situations where standard methods, procedures, and techniques may not be applicable.

Environmental Engineer Mid

**Certification:** Professional Engineer

**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of five years of related work experience.

**Functional Responsibilities:** Conducts environmental analysis and calculations after either a major or minor disaster or for small to large size projects. Plans, develops, coordinates, and manages environmental activities, such as EIS or EIR documents, on small to medium size projects of low to moderate complexity. Work requires independent problem solving, decision making, and adaptation of standard procedures with general direction given by higher level personnel. Performs work that involves conventional and specialized practices, and often includes complex features. May assist senior staff with planning, scheduling, and coordinating detailed phases of projects related to environmental scope. May oversee technical tasks, milestones, and deliverables. May determine methods and procedures on new technical assignments and may provide oversight to other technical staff.
**Estimator First**

**Certification:** None  
**Education:** None Required  
**Experience:** If a Bachelor’s degree, a minimum of two years of experience required; otherwise the minimum number of years of experience is five.  
**Functional Responsibilities:** Under the supervision of Estimator Mid. Assists with the development of cost estimates for infrastructure projects. Per the direction of Estimator Mid, researches, reviews and updates equipment rates used in determining estimates. Handles assigned special tasks, develops background data and recommendations, as requested. Supports administrative tasks.

**Estimator Mid**

**Certification:** None  
**Education:** None Required  
**Experience:** If a Bachelor’s degree, a minimum of five years of experience required; otherwise the minimum number of years of experience is 10.  
**Functional Responsibilities:** Oversees Estimator First. Assists Estimator Senior and project team to be most effective in delivery of services by providing accurate and reliable cost data based on accepted industry models (i.e. RS Means), specialized models or custom data. Reviews information provided and identifies additional information needed. Assists Estimator Senior on assigned tasks.

**Estimator Senior**

**Certification:** None  
**Education:** None Required  
**Experience:** If a Bachelor’s degree, a minimum of 10 years of experience required; otherwise the minimum number of years of experience is 15.  
**Functional Responsibilities:** Oversees Estimator First and Mid. Assists project team to be most effective in delivery of services by providing accurate and reliable cost data based on accepted industry models (i.e. RS Means), specialized models or custom data. Evaluates and reviews all cost estimating conducted by Estimator First and Estimator Mid. Responsible for accurate final estimating. Diplomatic, effective, mature and competent in all work-related matters and maintains confidentiality of sensitive information.

**Hydraulic Engineer Mid**

**Certification:** Professional Engineer  
**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field  
**Experience:** Minimum of five years of related work experience.  
**Functional Responsibilities:** Provides expertise and guidance on various hydraulic projects that may include review and improvements to water supply and drainage systems. Conducts field studies on hydraulic facilities; identifies, recommends, and tests strategies to resolve problems and concerns. Researches and proposes expansion, upgrades, and/or necessary maintenance work required to maintain and improve infrastructure. Designs and tests hydraulic systems; forecasts the effects on equipment, including expected wear and tear and degradation.
**Mechanical Engineer First**

**Certification:** None Required

**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of two years of related work experience.

**Functional Responsibilities:** Under the supervision of Mechanical Engineer Mid, responsible for mechanical engineering analysis and calculations after either a major or minor disaster and/or for small to large size projects. Performs work that involves conventional and specialized practices pertaining to all mechanical engineering standards and regulations. Supports and assists specialty discipline activities under direct supervision. Assists in preparation of written and oral technical reports pertaining to mechanical engineering knowledge.

**Mechanical Engineer Mid**

**Certification:** Professional Engineer

**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of five years of related work experience.

**Functional Responsibilities:** Oversees the Mechanical Engineer First with mechanical engineering analysis and calculations after either a major or minor disaster or for small to large size projects. Plans, develops, coordinates, and manages mechanical engineering activities on small to medium size projects of low to moderate complexity. Work requires independent problem solving, decision making, and adaptation of standard procedures with general direction given by higher level personnel. Performs work that involves conventional and specialized practices, and often includes complex features. May assist senior staff with planning, scheduling, and coordinating detailed phases of projects related to mechanical engineering scope. Responsibility includes larger and more difficult project tasks and technical design. May oversee technical tasks, milestones, and deliverables. May determine methods and procedures on new technical assignments and may provide oversight to other mechanical technical staff.

**Mechanical Engineer Senior**

**Certification:** Professional Engineer

**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of 10 years of related work experience.

**Functional Responsibilities:** Coordinate, assign and review the efforts of the mechanical engineering technical staff, including Mechanical Engineer First and Mechanical Engineer Mid. Work on and manage a variety of technical tasks, to include review of policy and statutory requirements and requisite strategic planning to implement disaster recovery efforts, specifically geared toward mechanical issues. Prepare or review cost estimates or budgets pertaining to mechanical engineering related activities. Monitor the progress of work within the mechanical engineering technical team, ensures quality and timely delivery of contractual deliverables.
Project Manager First

Certification: None Required
Education: None Required
Experience: If a Bachelor’s degree, a minimum of two years of experience required; otherwise the minimum number of years of experience is five.

Functional Responsibilities: Under the supervision of Project Manager Mid, assists project manager Mid and Project Manager Senior in development of work plans, specifications and criteria, and cost and schedule estimates. Manages projects of limited scope within contractual cost and schedule guidelines. Reviews output/documentation/deliverables for adequacy of quality and quantity. Tracks progress of project work and resource usage. Informs senior managers of problem areas and recommends corrective action, as needed.

Project Manager Mid

Certification: None Required
Education: None Required
Experience: If a Bachelor’s degree, a minimum of five years of experience required; otherwise the minimum number of years of experience is 10.

Functional Responsibilities: Oversees Project Manager First. Leads team in the accomplishment of work on projects and in the development of all required documentation/deliverables within budget and schedule constraints. Controls project work accomplishment vs. scope of services contracted, assesses progress vs. schedule and budget; resolves conflicts or elevates conflicts to management level necessary for resolution. Assists senior project managers in the development and management of large and complex projects; may lead a portion of the project. Evaluates performance of project team members.

Project Manager Senior

Certification: None Required
Education: None Required
Experience: If a Bachelor’s degree, a minimum of 10 years of experience required; otherwise the minimum number of years of experience is 15.

Functional Responsibilities: Oversees Project Manager Mid and Project Manager First. Manages large, complex projects; tracks and controls scope of work, resource utilization, schedules, and work accomplishments; initiates corrective actions as required; maintains continuous contact with the client and resolves contractual conflicts or elevates conflicts to officer/director level for resolution. Monitors progress of subordinate managers on assigned projects and provides management, administrative, and technical guidance as required. Assists other senior project managers, principles, or officers in the management of extremely large, multi-discipline projects. Evaluates performance of project team members or project managers assigned to project.
Sanitary Engineer Mid

**Certification:** Professional Engineer

**Education:** Bachelor's degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of five years of related work experience.

**Functional Responsibilities:** Provide technical advice regarding design, construction, or program modifications and structural repairs. Inspect project sites to monitor progress and ensure conformance to design specifications and safety or sanitation standards. Estimate quantities and cost of materials, equipment, or labor to determine project feasibility. Test soils or materials to determine the adequacy and strength of foundations, concrete, asphalt, or steel. Compute load and grade requirements, water flow rates, or material stress factors to determine design specifications. Plan and design transportation or hydraulic systems and structures, following construction and government standards, using design software and drawing tools. Analyze survey reports, maps, drawings, blueprints, aerial photography, and other topographical or geologic data to plan projects.

Soil/Geotechnical Engineer First

**Certification:** None Required

**Education:** Bachelor's degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of two years of related work experience.

**Functional Responsibilities:** Under the supervision of Soil/Geotechnical Engineer Mid, responsible for assisting in geotechnical studies, field tests, and analysis after either a major or minor disaster and/or for small to large size projects. Performs work that involves conventional and specialized practices pertaining to all geotechnical site assessments. Supports and assists specialty discipline activities under direct supervision. Assists in preparation of written and oral technical reports pertaining to geotechnical engineering knowledge.

Soil/Geotechnical Engineer Mid

**Certification:** Professional Engineer

**Education:** Bachelor's degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of five years of related work experience.

**Functional Responsibilities:** Oversees the Soil/Geotechnical Engineer First with geotechnical studies, field tests, and analysis after either a major or minor disaster or for small to large size projects. Plans, develops, coordinates, and manages soil/geotechnical engineering activities on small to medium size projects of low to moderate complexity. Work requires independent problem solving, decision making, and adaptation of standard procedures with general direction given by higher level personnel. Performs work that involves conventional and specialized practices, and often includes complex features. May assist senior staff with planning, scheduling, and coordinating detailed phases of projects related to geotechnical or soil testing, site assessments or other soil-connected technical assignment. Responsibility includes larger and more difficult project tasks and technical design. May oversee technical tasks, milestones, and deliverables.
Soil/Geotechnical Engineer Senior

**Certification:** Professional Engineer

**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of 10 years of related work experience.

**Functional Responsibilities:** Coordinate, assign and review the efforts of the soil/geotechnical engineering staff, including Soil/Geotechnical Engineer First and Soil/Geotechnical Engineer Mid. Work on and manage a variety of technical tasks, to include review of policy and statutory requirements and requisite strategic planning to implement disaster recovery efforts, specifically geared toward soil testing or geotechnical-related issues. Prepare or review cost estimates or budgets pertaining to soil, geotechnical testing, evaluating, field tests, analysis, or geotechnical site assessments. Monitor the progress of work within the soil/geotechnical team, ensures quality and timely delivery of contractual deliverables, including detailed reports and necessary compliance permits.

Structural Engineer First

**Certification:** None Required

**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of two years of experience required.

**Functional Responsibilities:** Under the supervision of Structural Engineer Mid, responsible for structural engineering analysis and calculations after either a major or minor disaster and/or for small to large size projects. Performs work that involves conventional and specialized practices pertaining to all structural engineering standards and regulations. Supports and assists specialty discipline activities under direct supervision. Assists in preparation of written and oral technical reports pertaining to structural engineering knowledge.

Structural Engineer Mid

**Certification:** Professional Engineer

**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of five years of related work experience.

**Functional Responsibilities:** Oversees the Structural Engineer First with structural engineering analysis and calculations after either a major or minor disaster or for small to large size projects. Plans, develops, coordinates, and manages structural engineering activities on small to medium size projects of low to moderate complexity.

Work requires independent problem solving, decision making, and adaptation of standard procedures with general direction given by higher level personnel. Performs work that involves conventional and specialized practices, and often includes complex features. May assist senior staff with planning, scheduling, and coordinating detailed phases of projects, including site visits, related to mechanical engineering scope. Responsibility includes larger and more difficult project tasks and technical design. May oversee technical
tasks, milestones, and deliverables. May determine methods and procedures on new technical assignments and may provide oversight to other structural technical staff.

**Structural Engineer Senior**

**Certification:** Professional Engineer

**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of 10 years of related work experience.

**Functional Responsibilities:** Coordinate, assign and review the efforts of the structural engineering technical staff, including Structural Engineer First and Structural Engineer Mid. Work on and manage a variety of technical tasks, to include review of policy and statutory requirements and requisite strategic planning to implement disaster recovery efforts, specifically geared toward structural issues. Prepare or review cost estimates or budgets pertaining to structural engineering related activities. Monitor the progress of work within the structural engineering technical team, ensures quality and timely delivery of contractual deliverables.

**SIN 541620**

**Archaeologist First**

**Certification:** None Required

**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of two years of related experience

**Functional Responsibilities:** Under general supervision of Archaeologist Mid and engineers. Assists in performing standard scientific studies. Under direction of supervisor, assists with conducting scientific tasks such as permit applications or calibration of mathematical models for specific phases of a project of a more complex nature. This may include activities associated with the excavation of project areas and found features. Walks over project searching for archaeological materials such as historic and prehistoric remains. Excavates, screens, back-fills excavated areas. Assists in preparation of sketch maps and forms, and field photography. Conducts simple surveys using compass, topographical map and aerial photographs. May assist in conducting site inspections and ensures that any proposed project actions comply with environmental, floodplain, and historic preservation laws, regulations, and executive orders.

**Archaeologist Mid**

**Certification:** None

**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field

**Experience:** Minimum of five years of related work experience.

**Functional Responsibilities:** Supervises Archaeologist First and assists Archaeologist Senior with professional archaeological work activities. Performs standard scientific studies and conducts scientific tasks such as leading the pursuit of permit applications or calibration of mathematical models. This may include activities associated with the excavation of project areas and found features. Supervises the project searching for archaeological materials such as historic and prehistoric remains. May assist in conducting site inspections and ensures that any proposed project actions comply with environmental, floodplain, and historic preservation laws, regulations, and executive orders.
**Archaeologist Senior**

**Certification:** None  
**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field  
**Experience:** Minimum of 10 years of related work experience.  
**Functional Responsibilities:** Supervises Archaeologist First and Archaeologist Mid with professional archaeological work activities. Directs and coordinates the activities of all professional archaeological work activities, perform scientific research and study of past human activities and physical remains of human life, write reports, and any related work assigned to him / her, in order to deliver the contractual requirements. Other critical functions include project budgeting, work scheduling, and document control. May assist in conducting site inspections and ensures that any proposed project actions comply with environmental, floodplain, and historic preservation laws, regulations, and executive orders.

**Biologist First**

**Certification:** None Required  
**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field  
**Experience:** Minimum of two years of related experience  
**Functional Responsibilities:** Supervised by Biologist Mid. Studies 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. May assist in conducting site inspections and ensures that any proposed project actions comply with environmental, floodplain, and historic preservation laws, regulations, and executive orders. This may include conducting environmental assessments and environmental impact statements.

**Biologist Mid**

**Certification:** Certified Wildlife Biologist or comparable  
**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field  
**Experience:** Minimum of five years of related work experience.  
**Functional Responsibilities:** Oversees Biologist First. Consults with team members. Completes assessments for project impacts on sensitive species; conducts surveys for sensitive species, native plants, and migratory birds; and writes biological resource assessment and survey reports. May assist in conducting site inspections and ensures that any proposed project actions comply with environmental, floodplain, and historic preservation laws, regulations, and executive orders. This may include conducting environmental assessments and environmental impact statements.
**Biologist Senior**

**Certification:** Certified Wildlife Biologist or comparable  
**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field  
**Experience:** Minimum of 10 years of related work experience.  
**Functional Responsibilities:** Oversees Biologist Mid and Biologist First. Conducts quality control of all biological resource documents; consults with team members on a variety of standards and regulations, including the Endangered Species Act and/or the Clean Water Act. Completes assessments for project impacts on sensitive (including Threatened and Endangered) species; conducts surveys for sensitive species, native plants, and migratory birds; and oversight of permitting for projects. May assist in conducting site inspections and ensures that any proposed project actions comply with environmental, floodplain, and historic preservation laws, regulations, and executive orders. This may include conducting environmental assessments and environmental impact statements.

**Environmental Planner First**

**Certification:** None Required  
**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field  
**Experience:** Minimum of two years of related experience  
**Functional Responsibilities:** Supervised by Environmental Planner Mid. Assists the team with client/project coordination for the completion of task/document preparation. Promotes adherence to all standards and regulation procedures and policies. Assists team in the accomplishment of special assigned tasks and be responsible for the quality of the work performed. May assist in conducting site inspections and ensures that any proposed project actions comply with environmental, floodplain, and historic preservation laws, regulations, and executive orders. This may include conducting environmental assessments and environmental impact statements.

**Environmental Planner Mid**

**Certification:** None  
**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field  
**Experience:** Minimum of five years of related work experience.  
**Functional Responsibilities:** Oversees the tasks of Environmental Planner First and task direction from Environmental Planner Senior. Assists with client/project coordination for the completion of task/document preparation. Adheres to all standards and regulation procedures and policies. Works with team in the accomplishment of special assigned tasks and be responsible for the quality of the work performed. May assist in conducting site inspections and ensures that any proposed project actions comply with environmental, floodplain, and historic preservation laws, regulations, and executive orders. This may include conducting environmental assessments and environmental impact statements.
Environmental Planner Senior

Certification: None

Education: Bachelor’s degree or higher from an accredited college/university in engineering or related field

Experience: Minimum of 10 years of related work experience.

Functional Responsibilities: Coordinates, assigns and reviews the efforts of the technical staff. Work on and manage a variety of technical tasks such as abstract or conceptual studies, requirements definition, and evaluation of alternatives. Prepares or reviews budgets based upon experience and scope of the project.

Monitor the progress of work within the technical team and assists/advises the team in revising the scope or services to meet budget. Assists in the education and development of professional staff and act as a resource for technical issues and questions. Be the responsible party for the quality of the work of the team under their control. May assist in conducting site inspections and ensures that any proposed project actions comply with environmental, floodplain, and historic preservation laws, regulations, and executive orders. This may include conducting environmental assessments and environmental impact statements.

General Planner First

Certification: None Required

Education: None Required

Experience: If a Bachelor’s degree, a minimum of two years of experience required; otherwise the minimum number of years of experience is five.

Functional Responsibilities: Under the supervision of General Planner Senior, responsible for assisting program processes by providing administrative support. This may include drafting, developing, and editing policy and planning documents with General Planner Senior. Also may require knowledge and/or experience with emergency recovery activities after a disaster. Supports and assists General Planner Senior by conducting phone calls, drafting meeting agendas, and any other duties as assigned.

General Planner Senior

Certification: None Required

Education: None Required

Experience: If a Bachelor’s degree, a minimum of 10 years of experience required; otherwise the minimum number of years of experience is 15.

Functional Responsibilities: Oversees General Planner First. Manages program processes by drafting, developing, and editing policy and planning documents. Also includes leading stakeholder engagement activities and ensures program delivery in a timely, professional, customer-centric manner that meets all assigned recovery priorities. Tasks may include: reviewing information; developing an understanding of projects and priorities; working with stakeholders to prioritize projects; tracking and following-up with requests; engaging technical specialists; discussing and resolving eligibility issues. May require knowledge
and/or experience with emergency recovery activities after a disaster.

**Geologist First**

**Certification:** None Required  
**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field  
**Experience:** Minimum of two years of experience required.  
**Functional Responsibilities:** Reports to Geologist Mid. Applies knowledge 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. Prepares geological reports and maps, interprets and reports research data, and recommends further study or action. Conducts or participates in environmental studies and prepares reports in response to environmental issues.

**Geologist Mid**

**Certification:** None Required  
**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field  
**Experience:** Minimum of five years of related work experience.  
**Functional Responsibilities:** Oversees Geologist First. Applies advanced knowledge 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. Prepares geological reports and maps, interprets and reports research data, and recommends further study or action. Conducts or participates in environmental studies and prepares reports in response to environmental issues.

**Geologist Senior**

**Certification:** None Required but Professional Geologist preferred  
**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field  
**Experience:** Minimum of 10 years of related work experience.  
**Functional Responsibilities:** Oversees and leads Geologist First and Geologist Mid. 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.
Health Scientist Mid

Certification: None Required

Education: Bachelor’s degree or higher from an accredited college/university in engineering or related field

Experience: Minimum of five years of related work experience.

Functional Responsibilities: Identifies and analyzes health issues and their impact on projects. Develops and or uses innovative methodologies and techniques. Searches, synthesizes and interprets information relevant to public health issues. Reviews and analyzes studies and projects assessing major and or sensitive public health issues in order to make recommendations for processes, procedures and/or policies related to public health programs, practices and research. Provides technical advice and assistance to the team related to health issues. May assist in conducting site inspections or visits to assess health-related potential issues after disasters or damages have occurred.

Historic Architect Mid

Certification: None

Education: Bachelor’s degree or higher from an accredited college/university in engineering or related field

Experience: Minimum of five years of related work experience.

Functional Responsibilities: Provides project site file and archival research; recognizes, documents, excavates, and records historic sites in the field; may serve as the field supervisor, performs historic artifact analysis; and writes site descriptions, analytical reports, and historic contexts. May assist in conducting site inspections and ensures that any proposed project actions comply with environmental, floodplain, and historic preservation laws, regulations, and executive orders.

Industrial Hygienist Mid

Certification: Certified Industrial Hygienist (CIH)

Education: Bachelor’s degree or higher from an accredited college/university in related field

Experience: Minimum of five years of related work experience.

Functional Responsibilities: Advises the team and collaborates with management on resolving occupational health issues. Creates and executes studies to monitor and assess exposure to health risks and measures appropriate policies and standards. Assesses and analyzes research data. Compiles reports and conducts regular audits of programs. Ensures awareness of health and safety concerns, programs and regulations by conducting trainings and presentations.
**Water Quality Specialist Mid**

**Certification:** None Required  
**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field  
**Experience:** Minimum of five years of related work experience.  
**Functional Responsibilities:** Advises the team on water quality issues. Collects and tests water samples using approved biological, chemical and other scientific testing procedures. Responsible for any water quality related reports. Assesses and analyzes research data. May conduct site inspections and ensure that any proposed project actions comply with environmental, floodplain, and historic preservation laws, regulations, and executive orders. This may include conducting environmental assessments and environmental impact statements.

**Wetlands Specialist Mid**

**Certification:** Professional Wetland Scientist  
**Education:** Bachelor’s degree or higher from an accredited college/university in engineering or related field  
**Experience:** Minimum of five years of related work experience.  
**Functional Responsibilities:** Responsible for maintaining and investigating numerous wetland areas, mitigation sites, storm water detention ponds, and natural areas. Assists with collection and analysis of field data involving wetlands and NEPA issues and assessments. Performs analytical studies and develops reports based upon those studies. Uses a wide range of principles, theories, concepts, and techniques to develop innovative solutions to problems and tasks. Applies expert knowledge to research, analyze data, and develop conclusions and recommendations. Conducts site inspections and ensure that any proposed project actions comply with environmental, floodplain, and historic preservation laws, regulations, and executive orders. This may include conducting environmental assessments and environmental impact statements.