



## General Services Administration

Authorized Federal Supply Schedule Price List

### Construction Management and Engineering Consulting Services Related to Real Property

SINs 871-7 & 871-7RC

### Environmental Consulting

SINs 899-1 & 899-1RC

### Geographic Information Systems (GIS) Services

SINs 899-7 & 899-7RC

### Order-Level Materials

SINs 00CORP-500 and 00CORP-500RC

Professional Services Schedule

Industrial Group: 00CORP

GSA Contract Number: GS-00F-015BA

This Authorized Pricelist Updated through Modification PO-0018, Effective Sept. 12, 2019.



State and Local Governments may procure Disaster Recovery services from this contract.

Contract Option Period 1: September 12, 2019 to September 11, 2024

Large Business



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*On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!, a menu-driven database system. The internet address for GSA Advantage! is: [www.GSAAdvantage.gov](http://www.GSAAdvantage.gov).*

# Contents

- Company Overview.....1
- Market Sectors Served by Tectonic .....2
- Tectonic’s Experience at Federal Facilities Nationwide .....3
- Scope of the Contract .....4
- Advantages of Using a GSA Schedule Contract .....7
- Prices .....8
- Position Descriptions .....10
- Customer Information .....17
- Contact Us .....19

# Company Overview

Founded in 1986, Tectonic Engineering & Surveying Consultants P.C. is a multi-disciplined engineering firm. Our 500+ professionals include construction managers and inspectors; civil, structural and geotechnical engineers; geologists; environmental, homeland security, GIS, and site acquisition specialists; surveyors; and planners. The depth of experience combined with our staff's multi-faceted capabilities present a company that is highly qualified to accomplish projects from concept to completion.

Our approach to managing and administering these projects is grounded in the basic best practices that have proven to deliver successful, high- quality, timely, and cost-conscious projects time and again.

## Technical Services/Core Competencies Professional Registrations

- Construction/Program Management
  - Construction Inspection/Materials Testing
  - Environmental Studies/Design
  - Environmental Compliance Audits
  - Geographic Information Systems
  - Stormwater Management
  - Civil Engineering
  - Geotechnical Engineering
  - Structural Engineering
  - Surveying
  - Homeland Security/Public Safety
- Professional Engineering Registration in 49 States
  - Professional Planner
  - Professional Land Surveyor
  - Professional Geologist
  - Licensed Environmental Professional (LEP)
  - Licensed Site Remediation Professional (LSRP)
  - Certified Special Inspector
  - LEED AP

## Certifications

- Construction Inspection/Materials Laboratory Testing (ASTM)
- US Army Corps of Engineers Certified Materials Testing Laboratory
- National Institute for Certification in Engineering Technologies (NICET)
- AASHTO Certified Materials Testing Laboratory
- Occupational Safety and Health Administration (OSHA) Certified
- American Concrete Institute (ACI) Certified
- International Code Council (ICC)
- Sandia Risk Assessment Methodologies (RAM) technologies

## Recent Awards

- 2019 ACEC New York Platinum Award for Engineering Excellence for "Cornell University Tech Campus Sustainable Solar Design"
- 2018 Top 500 ENR Design Firm, currently ranked #162
- 2018 Zweig White Top 100 Hot Firm, ranked #89
- 2018 ACEC New York Silver Award for Engineering Excellence for "Bridging the Gap and Saving Two Historic Bridges through an Environmental and Historic Review"
- 2018 ACEC New York Silver Award for Engineering Excellence for "Boundary Surveys - Wanaque Reservoir Dam"
- 2018 ACEC New York Silver Award for Engineering Excellence for "Kosciuszko Bridge (K-Bridge) - Phase 1 - NY, NY"
- 2018 ACEC New York Gold Award for Engineering Excellence for "Public Safety Answering Center II (PSAC II) - Bronx, NY"
- 2017 Top 20 ENR Telecommunications Firm, currently ranked #16
- 2016 ACEC New York Gold Award for "Sky at 605 West 42nd Street, NYC" project, NY, NY
- 2016 ACEC New York Platinum Award for Engineering Excellence for "10 Hudson Yards (Tower C)" project, NY, NY
- 2016 Trenchless Technology's Top 50 Design Firm, ranked #34
- 2014 Top ENR NY Design Firm by Market Sector - Telecommunications, ranked #1

## Office Locations

NEW YORK - (Corporate Headquarters)  
70 Pleasant Hill Road  
Mountainville, NY 10953  
(845) 534-5959  
Albany, New York  
Albuquerque, New Mexico  
Boston, Massachusetts  
Hartford, Connecticut  
Houston, Texas  
King of Prussia, Pennsylvania  
Newport Beach, California  
Newburgh, New York  
New York City, New York  
Phoenix, Arizona  
Richmond, Virginia  
Rochester, New York  
Short Hills, New Jersey  
Tampa, Florida  
Walnut Creek, California  
White Plains, New York

# Market Sectors Served by Tectonic

- **Building Technology:** Professional services relevant to new construction and rehabilitation of building structures. Capabilities encompass construction management, geotechnical engineering, site planning and design, structural design and analysis, environmental permitting, architectural and M.E.P. services.
- **Land Planning:** By providing an integrated approach, Tectonic's planners and engineers have the capability to address site development issues necessary for the permitting and approval of both public and private, residential, commercial, retail, institutional, educational and industrial land planning projects.
- **Transportation and Infrastructure:** Professional services provided to transportation and public works agencies for the design and construction of aviation facilities, bridges and highways, mass transit facilities, ports and harbors, and vehicular and rail tunnels.
- **Environmental Facilities:** Engineering, planning and construction management services for water and wastewater including source water development, groundwater hydrogeology, dams and reservoirs, water storage tanks, water distribution systems, stormwater management plans, sewage collection and treatment, stormwater and wastewater separation, pump stations and preparation of erosion and sediment control plans.
- **Institutions/Education/Healthcare:** Complete professional services within the Institutional, Educational, and Health Care sectors. Services provided through all phases of a project to private non-profit and for profit foundations, public agencies and corporations on new facilities, as well as expansion/modernization to support vertical construction and site development infrastructure.
- **Energy:** Planning and engineering for both private and public energy generation facilities and transmission infrastructure, pipelines, facility energy efficiency, and Smart Grid solutions for renewable and fossil fueled energy projects.
- **Wireless Telecommunication:** Total turn-key services including wireless deployments, network facilities, data centers, and satellite systems.
- **Storm Resiliency and Disaster Recovery.** Tectonic's engineers understand the implications of global climate change and extreme weather events and incorporate sustainability and resiliency into each of its design projects. The firm has also become a trusted partner in helping state governments successfully implement large scale rebuilding efforts after a major storm event. It has developed critical paths and workflows for state agencies such as the New York Governor's Office of Storm Recovery (GOSR) that have been implemented program-wide. Additionally, the firm can provide a team of engineering, environmental and construction phase services for a seamless process when project deadlines are critical to mitigate environmental hazards and improve the quality of lives of those affected.

# Tectonic's Experience at Federal Facilities Nationwide

- United States Military Academy at West Point, NY
- Keller Army Community Hospital, West Point, NY
- Jacob K. Javits Federal Office Building, Manhattan, NY
- National Park Service, Sandy Hook (SAHO) @ Gateway Maintenance Facilities, Queens County, NY
- Joseph P. Addabbo Federal Office Building, Queens, NY
- Federal Bureau of Prisons, Metropolitan Detention Center, Brooklyn, NY
- Federal Bureau of Prisons, Metropolitan Corrections Center, New York, NY
- US Army Reserve Center, Saugerties, NY
- U.S. IRS Building, Holtsville, NY
- Stewart Air National Guard Base, Newburgh, NY
- USDA-APHIS NY Animal Import Center, Newburgh NY
- U.S. Army Fort Drum, Jefferson County, NY
- U.S. Army Reserve Center, Bullville, NY
- Naval Weapons Station Earle, Monmouth County, NJ
- U.S. Army Picatinny Arsenal, Morris County, NJ
- Peter W. Rodino Federal Building, Newark, NJ
- National Park Service, Building 69 @ Floyd Bennett Field, Monmouth County, NJ
- U.S. Army Fort Belvoir, Fairfax County, VA
- U.S. Army Fort Lee, Prince George County, VA
- NASA John F. Kennedy Space Center Central Campus, Merritt Island, FL
- U.S. Army Aviation Center of Excellence and Fort Rucker, Dale County, AL
- U.S. Army Garrison-Fort Hood, Killeen, TX
- Southwestern Power Administration's maintenance facilities, substations and transmission facilities in Oklahoma, Missouri and Arkansas.
- U.S. Army Fort George G. Meade, Anne Arundel County, MD
- National Institute of Standards & Technology, Gaithersburg, MD

# Scope of the Contract

Under our GSA Schedule Contract, Tectonic can provide a wide range of support for federal agencies. The contract also is available for Disaster Recovery services (e.g., for states and municipalities).

## Construction Management and Engineering Consulting Services Related to Real Property

*Federal government agencies and departments can order these services from Tectonic under SIN 871-7. State and local agencies can procure Disaster Recovery services under SIN 871-7RC.*

Services provided under this SIN include construction management, engineering consulting, project management, and related professional services specifically pertaining to real property.

The construction management approach utilizes one or more firms with construction, design, and management expertise to expand the customer agency's capabilities, so that the agency can successfully accomplish its program or project. The contractor performing construction management services assumes the position of professional adviser to the customer agency. Customer agencies may utilize the construction manager as the principal agent to advise or manage the process over the project regardless of the project delivery method used. Construction management services include, but are not limited to, design phase support, procurement support, commissioning services, testing services, construction claims support, and post-construction engineering services.

The contractor performing engineering consulting services functions as an advisor to the government to assist with executing engineering tasks associated with real property. Engineering consulting services relating to real property include, but are not limited to, mechanical engineering, electrical engineering, fire protection engineering, forensic engineering, structural engineering, or any other specialized engineering consulting services that are utilized in regards to real property. Authorized engineering consulting tasks include design reviews, shop drawing reviews, submittal reviews, inspection and testing services, witnessing acceptance tests of equipment and systems, commissioning, modeling and analysis, loss investigation, facility surveys, safety evaluations, research studies, risk mitigation strategy development or reviews, and other related technical consulting services. The contractor performing engineering consulting services shall not perform the construction of real property, nor be a named party under the construction contract.

Project management services relating to a construction management or engineering consulting effort are authorized.

NOTE 1: This Schedule does not include Architect-Engineer services as defined in the Brooks Act, and do not include certification of designs or construction services as defined in the Federal Acquisition Regulation Part 36 and Part 2.

NOTE 2: This Schedule does not include Davis-Bacon Act work as described in Federal Acquisition Regulation Subpart 22.4.

NOTE 3: Some of the terminology used, such as "professional engineer" and "design review," have multiple meanings in the engineering services profession. Under no circumstances should those terms be interpreted to include performance of Brooks Act services Section 1102 of 40 U.S.C. Chapter 11.

NOTE 4: Please review the Construction Management and Engineering Consulting Services Relating to Real Property Guide available at [www.gsa.gov/pes](http://www.gsa.gov/pes) to obtain further information regarding the scope of services included under this SIN.

## Environmental Consulting Services

*Federal government agencies and departments can order these services from Tectonic under SIN 899-1. State and local agencies can procure Disaster Recovery services under SIN 899-1RC.*

This SIN is for consulting services. They include, but not limited to:

- Planning and Documentation Services for the development, planning, facilitation, coordination, and documentation of and/or for environmental initiatives (or mandates such as Executive Order 13423) in areas of chemical, radiological, and/or hazardous materials.
- ISO 14001 Environmental Management System (EMS) and sustainable performance measure development; Environmental Assessment (EA) and Environmental Impact Statement (EIS) preparation under the National Environmental Policy Act (NEPA).
- Endangered species, wetland, watershed, and other natural resource management plans.
- Archeological and/or cultural resource management plans; Environmental program and project management.
- Environmental regulation development.
- Economic, technical and/or risk analysis.
- Other environmentally related studies and/or consultations.
- Homeland Security solutions that include biochemical protection.
- Crime prevention through environmental design surveys (CPTED).
- Economical, technical and/or risk analysis.
- Identification and mitigation of threats inclusive of protective measures to mitigate the threats.
- Vulnerability assessments.
- Compliance Services such as review, audit, and implementation/management of EMS and other compliance and contingency plans and performance measures.
- Permitting.
- Spill prevention/control and countermeasure plans.
- Pollution prevention surveys.
- Community Right to-Know Act reporting.
- Advisory Services for ongoing advice and assistance with data and information in support of agency environmental programs involving areas such as: hazardous material spills; Material Safety Data Sheets (MSDS); biological/medical data sheets; information hotlines; poison control hotlines; environmental regulations and environmental policy/procedure updates; management, furnishing, or inventory of MSDS.
- Waste Management Consulting Services to provide guidance in support of waste-related data collection, feasibility studies and risk analyses; Resource Conservation and Recovery Act/ Comprehensive Environmental Response Compensation and Liability Act (RCRA/CERCLA) site investigations; hazardous and/or non-hazardous exposure assessments; waste characterization and source reduction studies; review and recommendation of waste tracking or handling systems; waste management plans and/or surveys; waste minimization/pollution prevention initiatives; and review of technologies and processes impacting waste management.

## Geographic Information Systems (GIS) Services

*Federal government agencies and departments can order these services from Tectonic under SIN 899-7. State and local agencies can procure Disaster Recovery services under SIN 899-7RC.*

Provides GIS services in support of environmental programs. Services include, but are not limited to: Creation/enforcement of environmental legislation; Cultural resource GIS (CRGIS); Environmental

cost assessment; Environmental impact analyses; Environmental regulatory compliance; Groundwater monitoring; Growth forecast modeling; Habitat conservation plans; Habitat modeling; Image analysis support for emergency response; Mapping, Cartography and Mashups (e.g., combining data from more than one source into a single integrated tool); Migration pattern analysis; Natural resource planning; Remote sensing for environmental studies; Terrestrial, marine, and/or atmospheric measuring/management; Vegetation mapping; and Watershed characterization for mitigation planning.

Note: The services offered under this SIN shall NOT include construction and architect-engineering services as set forth in FAR Part 36, including surveying and mapping services as defined under the Brooks Act of 1972 (Public Law 92-582, 40 U.S. 1102 et seq.).

## Order-Level Materials

*If any OLMs become part of a task order, they are placed under SIN 00CORP-500 (for task orders for Federal government agencies and departments) or SIN 00CORP-500RC (for Disaster Recovery task orders for state or local agencies).*

Order-Level Materials (OLMs) are supplies and/or services acquired in direct support of an individual task or delivery order placed against a Federal Supply Schedule (FSS) contract or FSS blanket purchase agreement (BPA). OLMs are not defined, priced, or awarded at the FSS contract level. They are unknown before a task or delivery order is placed against the FSS contract or FSS BPA. OLMs are only authorized for inclusion at the order level under a Time-and-Materials (T&M) or Labor-Hour (LH) Contract Line Item Number (CLIN) and are subject to a Not To Exceed (NTE) ceiling price. OLMs include direct materials, subcontracts for supplies and incidental services for which there is not a labor category specified in the FSS contract, other direct costs, and indirect costs. OLMs are purchased under the authority of the FSS Program and are not "open market items."

Items awarded under ancillary supplies/services or other direct cost (ODC) SINs are not OLMs. These items are defined, priced, and awarded at the FSS contract level, whereas OLMs are unknown before an order is placed. Ancillary supplies/services and ODC SINs are for use under all order type CLINs (Fixed-Price (FP), T&M, and LH), whereas the Order-Level Materials SIN is only authorized for use under T&M and LH order CLINs.

The Order-Level Materials SIN is only authorized for use in direct support of another awarded SIN. Price analysis for OLMs is not conducted when awarding the FSS contract or FSS BPA; therefore, GSAR 538.270 and 538.271 do not apply to OLMs. OLMs are defined and priced at the ordering activity level in accordance with GSAR clause 552.238-82 Special Ordering Procedures for the Acquisition of Order-Level Materials. Prices for items provided under the Order-Level Materials SIN must be inclusive of the Industrial Funding Fee (IFF). The cumulative value of OLMs in an individual task or delivery order cannot exceed 33.33% of the total value of the order.



# Advantages of Using a GSA Schedule Contract

Do you need a quick, convenient, and cost-effective way to order services from Tectonic? Our GSA Schedule contract provides an excellent solution. It offers the following advantages:

- **Dramatic time savings.** You can typically complete the task order initiation process (as specified in FAR 8.405) very quickly—often in a matter of weeks.
- **Minimal administrative burden.** When you place an order with Tectonic through our GSA Contract, the order will be considered to have been placed using “full and open competition.”
  - You are not required to synopsise the requirement ahead of time in FedBizOpps.
  - GSA has already determined that prices offered by GSA contractors are “fair and reasonable.”
  - All applicable federal procurement laws and regulations, including “small business” set-asides and other types of set-asides, already have been applied.
- **No dollar limits** on task orders.
- **Flexibility.** For example, you can set up a “Blanket Purchase Agreement” (BPA) with Tectonic, in the event that you do not know the precise amount or types of services that you would like purchase. You can use the BPA as an ordering device in which all of your offices can participate, allowing them to place orders directly.
- **Direct relationship** with Tectonic.
  - GSA will not get involved in your selection process.
  - Your agency will not have to transfer funds to GSA and will not have to set up an interagency agreement.
  - Tectonic will deliver services and submit invoices directly to your agency. You will remit payment directly to Tectonic. GSA does not inject itself into the client/contractor relationship.

# Position Descriptions

## Project Executive Director

**Responsibilities:** Oversees all aspects of work performed under the contract and has primary responsibility for financial management of the contract. Ensures that Task Orders are assigned to appropriate Task Order managers and staff, and that work is completed in accordance with the requirements of the contract and the respective Task Orders. Responsible for serving as the primary point of contact with the client, handling contractual matters, preparing project status reports, reviewing and approving all deliverables prior to submission, and supervising the work of all project staff.

**Education and Certification:** Master's Degree in field of expertise including Architecture, Engineering, Construction Management, or Environmental Science, with related professional registration as a Registered Architect (R.A.), Professional Engineer (P.E.), or Licensed Site Remediation Specialist (LSRP).

**Minimum Experience:** 20 years.

**Substitution Factor:** A Bachelor's Degree plus 3 additional years of experience can substitute for a Master's Degree.

## Project Manager II

**Responsibilities:** Duties include directing large and/or complex projects, client contact, determining staffing requirements for contracts, contract negotiations with client, assignment of staff, chairing staff meetings, business development, financial management and budget preparation. Plans work activities as necessary to meet project schedule and timeline. Plans, conducts, and supervises projects of major significance, necessitating knowledge and the ability to originate and apply new and unique methods and procedures. Provides technical advice and counsel to other professionals. Has day-to-day responsibility for activities of the project team. Serves as Quality Assurance (QA) Manager for implementing Corporate QA Plan on project. Reports to Project Executive.

**Education and Certification:** Master's Degree in field of expertise including Architecture, Engineering, Construction Management, Environmental Science, or Geology, with related professional registration as an R.A., P.E., or P.G.

**Minimum Experience:** 12 years.

**Substitution Factor:** A Bachelor's Degree plus 3 additional years of experience can substitute for a Master's Degree.

## Project Manager I

**Responsibilities:** Duties include directing medium projects, or for several smaller projects, client contact, determining staffing requirements for contracts, contract negotiations with client, assignment of staff, chairing staff meetings, business development, financial management and budget preparation. Plans work activities as necessary to meet project schedule and timeline. Plans, conducts, and supervises projects of major significance, necessitating knowledge and the ability to originate and apply new and unique methods and procedures. Has day-to-day responsibility for activities of the project team. Serves as

Quality Assurance (QA) Manager for implementing Corporate QA Plan on project. Reports to Sr. Project Management II.

**Education and Certification:** Bachelor's Degree in field of expertise including Architecture, Engineering, Construction Management, Environmental Science, or Geology, with related registration as an R.A., P.E., or P.G.

**Minimum Experience:** 7 years.

**Substitution Factor:** 3 additional years of experience can substitute for a professional registration.

### Senior Environmental Management Analyst

**Responsibilities:** Works in support of Project Executive Director, project managers and senior engineers. Determines complex compliance requirements in connection with project studies. Directs project level staff and environmental technicians. Applies engineering, architecture, environmental science, or other technical techniques and analyses under the direction of project managers and senior staff to support various studies, permitting, environmental compliance, NEPA, State and local regulations/codes and other project deliverables.

**Education and Certification:** Master's Degree or Juris Doctor in Law in field of expertise including Architecture, Engineering, Construction Management, Environmental Studies, Environmental Science, Geology, or Archaeology/Historian.

**Minimum Experience:** 10 years

**Substitution Factor:** 3 additional years of experience plus as Bachelor's Degree can substitute for a Master's Degree.

### Environmental Management Analyst

**Responsibilities:** Applies engineering, architecture, environmental science, or other technical techniques and analyses under the direction of project managers and senior staff to support various studies, permitting designs, environmental compliance, NEPA, State and local regulations/codes and other project deliverables.

**Education and Certification:** Bachelor's Degree in field of expertise including Architecture, Engineering, Construction Management, Environmental Studies, Environmental Science, Geology, or Archaeology/Historian.

**Minimum Experience:** 3 years

## Environmental Technician

**Responsibilities:** Performs a variety of technical support tasks under the direction of the engineering staff. May include field operations assignments such as site investigations, collection of water and soil samples, collection of geo-coded data to be used in a project-specific GIS database, and field monitoring of environmental parameters. Performs environmental studies and investigations, and records data. Works under the supervision of Project Manager, Engineer or Senior Engineering Technician.

**Education and Certification:** Bachelor's Degree in Engineering, Environmental Science, Geology, Ecology, or Archaeology.

**Minimum Experience:** 3 years.

## Engineer - Specialist II

**Responsibilities:** Provide technical management and direction for medium to large size projects. Applies advanced knowledge in at least one of the following specialty areas: Civil Engineering, Geotechnical Engineering; Structural Design & Analysis; Storm-water Management; Water & Wastewater; Transportation Planning; Environmental & Regulatory Permitting; Construction Management.

**Education and Certification:** Master's Degree in field of expertise including Engineering, Architecture, Construction Management, Environmental Science, or Geology, with related registration as an R.A., P.E., or P.G.

**Minimum Experience:** 10 years.

**Substitution Factor:** A Bachelor's Degree plus 3 additional years of experience can substitute for a Master's Degree.

## Engineer - Specialist I

**Responsibilities:** Provide technical management and direction for small or medium projects or portions of a larger effort. Applies intermediate level of expertise in at least one of the following specialty areas: Civil Engineering, Geotechnical Engineering; Structural Design & Analysis; Storm-water Management; Water & Wastewater; Transportation Planning; Environmental & Regulatory Permitting; Construction Management

**Education and Certification:** Master's Degree in field of expertise including Engineering, Architecture, Construction Management, Environmental Science, or Geology, with registration as an Engineer in Training (E.I.T.)

**Minimum Experience:** 5 years.

**Substitution Factor:** 2 additional years of experience can substitute for an E.I.T. registration.

## Senior Engineer

**Responsibilities:** Works in support of project manager and project engineer. Carries out technical assignments associated with projects. Provides technical leadership on Construction Management projects, and projects addressing environmental issues or water resources. Responsible for coordinating specific technical tasks within scope of project with other disciplines and supervises preparation of technical documents, such as reviews performed on Construction Management projects, or preparation of infrastructure and site development plans. Performs engineering analysis and reviews the work prepared by staff. Checks design calculations and estimates and develops feasible concept design

alternatives. Translates technical guidance received from supervisors into usable data applicable to the particular assignment. Coordinates the activities of junior staff or associates. Checks data for accuracy.

**Education and Certification:** Bachelor's Degree in field of expertise including Architecture, Engineering, Construction Management, Environmental Science, or Geology, with related professional registration as an R.A., P.E., or P.G.

**Minimum Experience:** 12 years.

**Substitution Factor:** 3 additional years of experience can substitute for a professional registration.

### Project Engineer

**Responsibilities:** Supports Project Manager for preparation of plans, specifications, cost estimates and reports for Construction Management projects and building and site development work. Provides technical expertise in the preparation of engineering concept designs. Supervises technical staff in performance of engineering analysis and plan preparation. Estimates manpower needs and schedules work to meet completion dates. Directs, provides assistance, reviews progress and evaluates results, makes changes in methods, concept design, equipment and materials where necessary.

**Education and Certification:** Bachelor's Degree in field of expertise including Architecture, Engineering, Construction Management, Environmental Science, or Geology, with related professional registration as an R.A., P.E., or P.G.

**Minimum Experience:** 7 years.

**Substitution Factor:** 3 additional years of experience can substitute for a professional registration.

### Office Engineer

**Responsibilities:** As part of Construction Management projects, performs tasks that typically are best performed at the field site. Reports to the Resident Engineer (R.E.) and responsible for reviewing Inspection Reports (IRs) prepared by the field inspection staff; recording and inputting quantities for payment of Contractor's work into the Client's Vendor Payment Program; reviewing and processing Contractor's partial and final payments requisitions; setting up project files and maintaining records; processing Contractor submittals including RFI's, shop drawings, etc.; preparing meeting minutes for on-site progress meetings; preparing weekly and monthly progress reports and coordinating the preparation of final as-built plans.

**Education and Certification:** Bachelor's Degree in Engineering and NICET IV certification.

**Minimum Experience:** 6 years.

**Substitution Factor:** 2 additional years of experience can substitute for a NICET certification.

### Staff Engineer

**Responsibilities:** Works in support of senior engineer. Carries out technical assignments associated with projects. Performs engineering concept design and analysis required for the preparation of plans, specifications and cost estimates for Construction Management projects, and projects that include buildings, infrastructure and site development. Prepares concept design calculations. Performs analysis of data required for environmental studies and investigations in support of concept design development. Performs CADD design

and/or oversees the preparation of CADD drawings prepared by Designer/Drafter. Works under the supervision of Project or Senior Engineer.

**Education and Certification:** Bachelor's Degree in field of expertise including Architecture, Engineering, Construction Management, Environmental Science, or Geology, with registration as an Engineer in Training (E.I.T.).

**Minimum Experience:** 3 years.

**Substitution Factor:** 2 additional years of experience can substitute for an E.I.T. registration.

### Sr. Designer

**Responsibilities:** Applies engineering, architecture, environmental science, or other technical techniques and analyses under the direction of senior staff to support various studies, and other project deliverables.

**Education and Certification:** Bachelor's Degree in field of expertise including Architecture, Engineering, Environmental Studies, Construction Management, Environmental Science, or Geology.

**Minimum Experience:** 10 years.

### Senior Engineering Technician

**Responsibilities:** Performs a variety of technical support tasks under the direction of the engineering staff. Performs basic duties including scanning, digitizing (e.g., in support of the development of project-specific GIS databases), and computer-aided drafting (CADD), and helps oversee the performance of similar duties by more junior technicians. Compiles and summarizes data. Extracts engineering data from various prescribed sources. Performs basic calculations. Performs field testing relative to Quality Assurance/Quality Control (QA/QC) for Construction Management projects, including but not limited to testing of soils, concrete, masonry, asphalt and structural steel. Performs field observations and testing for Geotechnical Subsurface Investigations and Environmental projects.

**Education and Certification:** High School Diploma (or GED). Technicians performing construction materials testing must hold one or more of the following: ACI, ICC, AWS or NICET certification.

**Minimum Experience:** 5 years.

### Supervising Construction Engineer

**Responsibilities:** Provides general supervision of Construction Management staff members at all company locations. Develops and maintains standard procedures for construction engineering staff and assists in preparation and revision of construction inspection procedures, updating inspection reporting format and recordkeeping procedures, perform constructability reviews of in-house design projects and serves as Quality Assurance (QA) Manager for implementing Corporate QA Plan on construction management/inspection projects.

**Education and Certification:** Master's Degree in field of expertise including Architecture, Engineering, Construction Management, or Geology, with related professional registration as an R.A., P.E., or P.G.

**Minimum Experience:** 15 years.

**Substitution Factor:** A Bachelor's Degree plus 3 additional years of experience can substitute for a Master's Degree.

## Resident Engineer

**Responsibilities:** Provides onsite supervision of construction inspection staff as part of Construction Management projects. Other duties include contract administration, client liaison, coordination of subcontractor work, review and approval of progress payment estimates to contractor, reviews and processes contractor's change order requests, processes contractor's Request for Information (RFI's), chair and attend meetings with clients and contractor, provide coordination with other involved agencies and stakeholders, prepare and maintain daily diary, ensure project recordkeeping complies with agency requirements and oversees community outreach programs.

**Education and Certification:** Bachelor's Degree in Architecture, Engineering, Construction Management, or Construction Technology, with related professional registration as either an R.A. or P.E.

**Minimum Experience:** 12 years.

## Assistant Office Engineer

**Responsibilities:** As part of Construction Management projects, performs tasks that typically are best performed at the field site. Reports to the Office Engineer (OE) and assists OE duties including compiling Inspection Reports (IRs) prepared by the field inspection staff; recording and inputting quantities for payment of Contractor's work into the Client's Vendor Payment Program; reviewing and processing Contractor's partial and final payments requisitions; distribution meeting minutes for on-site progress meetings; preparing weekly and monthly progress reports and coordinating the preparation of final as-built plans.

**Education and Certification:** Bachelor's Degree in Engineering and NICET III certification.

**Minimum Experience:** 4 years.

**Substitution Factor:** 2 additional years of experience can substitute for a NICET certification.

## Survey Party Chief

**Responsibilities:** Responsible for managing the field survey crew. Oversees the field collection of survey data and performs stakeout of property limits. Supervises the construction layout of line and grade in the field for control of contractor's work. Prepares plats, survey maps, and cross-sectional data. Researches recorded/filed survey maps, deeds, physical evidence, and other records to obtain data needed for surveys. Prepares supporting calculations for performance of field survey activities. On environmental projects, identifies, compiles, and geo-codes historical data for inclusion in GIS databases (e.g., historical land use data; historic deeds data); oversees field studies to gather geocoded data (e.g., to delineate wetlands boundaries in support of Environmental Consulting projects; identifies topographic details of importance to Storm-water projects and other water resources projects; collects data using handheld GPS devices. Reports to Chief Surveyor.

**Education and Certification:** High School Diploma (or GED).

**Minimum Experience:** 5 years.

## Senior Surveyor

**Responsibilities:** Responsibilities include quality control, supervision and scheduling of office and field personnel; client contact; project management. Assists in preparation of

proposals, and cost estimates. Responsible for project schedules and timely completion of projects. Attends client meetings. Is available to staff for technical and/or professional consultations. On environmental projects, identifies, compiles, and geo-codes complex historical data for inclusion in GIS databases (e.g., historical land use data; historic deeds data); takes lead in field studies to gather geocoded data (e.g., to delineate wetlands boundaries); identifies topographic details of importance to Storm-water projects and other water resources projects; collects data using handheld GPS devices. Additional responsibilities include analysis and computations of field and legal data for the preparation of boundary surveys, reduction of GPS data, control network analysis and performance of complex computations.

**Education and Certification:** Bachelor's Degree in Surveying, with Registration as Licensed Land Surveyor

**Minimum Experience:** 8 years

### Staff Surveyor

**Responsibilities:** Analyzes field and legal data for the preparation of boundary surveys, reduces GPS data, and performs computations. Additional responsibilities include GPS computations for converting local coordinate systems into the State Plane Coordinate System and true north determination. Occasional site visits may be required from time to time. On environmental projects, identifies, compiles, and geo-codes historical data for inclusion in GIS databases (e.g., historical land use data; historic deeds data); performs assigned field study tasks to gather geocoded data (e.g., to delineate wetlands boundaries); identifies topographic details of importance to Storm-water projects and other water resources projects; collects data using handheld GPS devices.

**Education and Certification:** Bachelor's Degree in Surveying

**Minimum Experience:** 2 years

**Substitution Factors:** 4 additional years of experience can substitute for a Bachelor's Degree in Surveying; or an Associate Degree in Surveying plus 2 additional years of experience can substitute for a Bachelor's Degree.

### Instrument Person

**Responsibilities:** Responsible for operating and reading surveying instruments, and handheld GPS units (e.g., for collection of geo-coded data for GIS projects). Assists Party Chief with collection of field data and field stakeouts for Construction Management, Environmental, Storm-water, and GIS projects.

**Education and Certification:** High School Diploma (or GED).

**Minimum Experience:** 1 year.



# Customer Information

- 1a.** Awarded Special Item Numbers (SINs):
  - Construction Management and Engineering Consulting Services Related to Real Property (SINs 871-7 & 871-7RC)
  - Environmental Consulting Services (SINs 899-1 & 899-1RC)
  - Geographic Information Systems (GIS) Services (SINs 899-7 & 899-7RC)
  - Order-Level Materials (00CORP-500 & 00CORP-500RC)
- 1b.** Prices: See “Prices” section, above.
- 1c.** Labor Category Descriptions: See “Position Descriptions” section, above.
- 2.** Maximum Order: \$1 million.

Note: This is not a limit on the size of any task order under the contract. Tectonic may honor orders exceeding the maximum in accordance with Clause 52.216-19.
- 3.** Minimum Order: \$100
- 4.** Geographic Coverage: Domestic.
- 5.** Points of Production: Same as company address.
- 6.** Discount from List Prices or Statement of Net Price: Government net prices (discounts already deducted). See “Prices” section, above.
- 7.** Quantity/Volume Discounts: See “Prices” section, above.
- 8.** Prompt Payment Terms: Net 30 days. Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.
- 9a.** Notification that Government purchase cards are accepted at or below the micro-purchase threshold: Yes.
- 9b.** Notification that Government purchase cards are accepted or not accepted above the micro-purchase threshold: Will not accept.
- 10.** Foreign Items: None.
- 11a.** Time of Delivery: As specified in Task Orders.
- 11b.** Expedited Delivery: Contact Tectonic.
- 11c.** Overnight and 2-day Delivery: Contact Tectonic.
- 11d.** Urgent Requirements: Contact Tectonic.
- 12.** F.O.B. point(s): Destination.
- 13a.** Ordering Address:
  - Tectonic Engineering & Surveying Consultants PC
  - 70 Pleasant Hill Road
  - Mountainville, NY 10953
  - E-mail: [TJCritelli@tectonicengineering.com](mailto:TJCritelli@tectonicengineering.com)
  - Tel.: 1-845-534-5959
  - Fax: 1-845-534-5999
- 13b.** Ordering Procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPAs), and a sample BPA are found in Federal Acquisition Regulation (FAR) 8.405-3.
- 14.** Payment Address: Same as company address.
- 15.** Warranty Provision: Contractor’s standard commercial warranty.
- 16.** Export Packing Charges (if applicable): N/A

17. Terms and Conditions of Government Purchase Card Acceptance: Contact Tectonic.
18. Terms and Conditions of Rental, Maintenance, and Repair (if applicable): N/A
19. Terms and Conditions of Installation (if applicable): N/A
20. Terms and Conditions for Any Other Services (if applicable): N/A
21. List of Service and Distribution Points (if applicable): N/A
22. List of Participating Dealers (if applicable): N/A
23. Preventive Maintenance (if applicable): N/A
- 24a. Environmental Attributes, e.g., recycled content, energy efficiency, and/or reduced pollutants: N/A
- 24b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contactor's website or other location.) The EIT standards can be found at: [www.Section508.gov/](http://www.Section508.gov/).
25. Data Universal Number System (DUNS) Number: 184603124
26. Notification Regarding Registration in System for Award Management: Registered.

## Contact Us

How can we be of service? Please give us a call or drop us a line:

**Tectonic**

[www.tectonicengineering.com](http://www.tectonicengineering.com)

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