



FEDERAL AGENCIES

Supporting our country through safe, sound
design and in-depth consulting.



guernsey

We've been honored to support the mission of our armed forces and the Federal Government since our first projects during World War II.

We've provided engineering, architecture and consulting services to the Department of Defense and multiple federal agencies throughout the United States, its territories, and in over fifteen other countries.

Funding, contracting, scheduling, safety, and security are high priorities and factor into every aspect of our project delivery, including programming, planning, developing solicitations, design-build, design-bid-build, utility privatization, environmental compliance, and full-time inspection during construction. **We help the government become more efficient and cost-aware through our comprehensive services.**





Civil Engineering

This is the founding platform of **Guernsey**. Our current civil engineering skills reflect upon our very first days in 1928. Though technology and processes are different today than they were then, one thing that hasn't changed is the value of a team that knows the intricacies of successful projects at every level.

Infrastructure

We have a strong history of providing government and private entities with public works and facility infrastructure improvements including dams and reservoirs, flood control, roadways, drainage structures, water and wastewater systems, electric power systems, resource preservation, and environmental surveys and investigations. Clients have trusted us with improvements to every facet of their infrastructure.

Master Planning

Master planning is a process, a combination of art and science. It requires a multidisciplinary team of specialists and generalists to achieve the desired outcome. The process represents an integrated consolidation of all assets and challenges into a focused assessment of existing and future conditions. This planning exercise must facilitate improvements to mission, quality of life, sustainability, and resiliency. Our team understands the requirements to envision, assess, and create a plan that provides the strategy and path for the future.

Transportation Engineering

As our nation's transportation system ages, it is imperative that emphasis be placed on repairing and replacing our existing networks. Not just the roads, rails, and airports that enable us to reach our destinations, but also the detailed effort it takes to build these systems. We've been an integral partner to the Department of Defense and multiple federal agencies throughout the United States and abroad.

Power Engineering

Power supply and transmission are vital components in the daily operations of facilities and installations. We provide system planning and engineering services that assess and develop power supply options relating to generation (renewable and fossil fuel), transmission, and distribution.

Water Resources

Water is an increasingly valuable and precious resource – we cannot live without it. Community growth, prosperity, sustainability, and resiliency require an executable plan for sustaining water supply and protecting related water resources. We understand the interrelated dynamics that shape the identification and development of sustainable water supplies, including drought-resilient systems and strategies. Areas of expertise include:

Water Supply Feasibility Studies and Planning

Source Protection Studies and Planning

Groundwater Investigations

Water Quality Studies

Potable Water System Planning

Water Treatment/Water System Design

Wastewater Treatment/Wastewater System Design

NPDES and Stormwater Permitting

Hydrologic and Hydraulic Analyses

Drainage Studies

Chemical/Process Engineering

Guernsey's field-tested experts focus on applying chemical engineering and environmental compliance principles to optimize and debottleneck processes, allowing them to run more efficiently. From concept to completion we save clients time and money with process evaluation, conceptual and basic process design, basic engineering packages, process control strategies and safety management, operations support services, third-party evaluation and oversight, and environmental compliance support.









Environmental Analysis

Guernsey provides the knowledge and tools needed to meet regulatory compliance requirements. Our services include environmental audits, National Environmental Policy Act (NEPA) planning, Phase I/II/III due diligence for property transactions, hazardous materials surveys, soil and groundwater investigations, environmental baseline surveys (EBS), biological/threatened & endangered species assessments, Stormwater Pollution Prevention plans, and Spill Prevention Control and Countermeasure plans. We also assist with clearances, responses, and coordination required with regulatory agencies related to permitting, consent orders, and notices of violation.

Environmental Engineering

Our daily challenge is to create sustainable, real-world engineered solutions for processing operations, infrastructure design, power delivery systems, and environmental regulatory issues. We assist in planning, evaluating, diagnosing, and mitigating environmental issues regardless of project scale. Our experts will work by your side to optimize operating efficiencies, control cost, and enhance environmental performance and stewardship.

Permitting/Regulatory Compliance

When the job at hand is ensuring regulatory compliance and obtaining permits, you need a team who has been in the field, seen all sides of the issues and sustained a proven record of environmental stewardship. Our engineers, planners, and scientists stand as your advocates in environmental compliance relating to facilities, programs and specific projects. We can assist with permit applications for activities relating to air, water, land, solid waste, hazardous waste and other media. In some instances, regulatory agencies have used our applications, reports and processes/methods as models for others in meeting requirements.

Vertical Construction

Our vertical construction design team helps with everything from the creation of new campuses to the renovation of existing facilities. We solve operational and functional challenges through creative, integrated design. Our team works with agency leadership and project/technical managers to develop the appropriate design solutions for not only the government's needs but also the needs of facility users while maintaining sharp focus on schedule and budget.

We understand the needs of the Federal Government and the facilities required not only for effective operations but also for enhancing the safety of the general public. Facilities should be a reflection of mission-specific needs. We are dedicated to a collaborative design process to ensure the resulting renovations or new facilities serve each requirement efficiently and effectively. During the facility design process we will focus on your identified priorities from operations and adjacencies to aesthetics and costs. With all design disciplines in-house, our design team is integrated and provides each project all areas of expertise including engineering (civil, structural, mechanical, electrical, fire protection), architecture, interior design, landscape architecture, and cost estimating services.

Construction Management

Using sound judgment and reason to interpret contract documents, our team can help improve contractors' adherence to plans and schedules. We keep communication channels open between all parties, allowing for minor design changes to enhance quality and affordability while mitigating propagation of minor issues. We offer services in cost validation, schedule oversight, document control, submittal review, quality assurance and control, construction management staffing, and site observations.









Program Management/Owner's Engineer

Our comprehensive understanding of structured and engineered systems enables us to oversee the progression of your project from concept through construction. We assign a program manager to a project to enhance project status, provide decision-making skills and develop a program perspective as required. This may also include identifying and managing cross-project dependencies, risks, issues, requirements, designs and solutions. Program managers are not necessarily discipline-specific and can include planners, engineers, architects, scientists or other experts who demonstrate exceptional organization, discipline and control, and possess the skills to communicate across levels.

Cyber Security

A solid security strategy takes more than software and an occasional checkup. You need a team of good guys who are trained to think like the bad guys. That's where our cyber security professionals come in. We have nationally-accredited information security experts whose sole focus is to help our clients meet their risk management goals and compliance obligations using risk management, regulatory support, (NERC CIP, PCI-DSS, and HIPAA), security and vulnerability reviews, security monitoring, training and awareness, program audits and incident response planning.

Utility Analysis

We've developed thousands of cost-of-service studies, rates and financial models since the 1960s and have nearly 80 years of water, electric cooperative and public power experience. It's this well-rounded package of experience and understanding that gives our clients the utmost trust in our ability to insightfully analyze situations and make recommendations that get results. We provide management and regulatory support as well as cost of service, rate and financial analysis documentation to help our clients make the best decisions moving forward.

Privatization

Our professionals have analyzed more than 500 Department of Defense utility systems since 1993, including the first utility privatization analysis for the Department of the Army. As a result, we are the US Army's preeminent expert adviser for privatization transactions, having supported the largest-ever privatization action (\$4 billion+) among many others. We work at every level, from individual utility systems to providing program support at the Pentagon.

Utility Optimization

The growing momentum for sustainable and renewable energy projects has driven aggressive action by private-sector companies courting public commitment to qualifying projects. Many are presented as self-sustaining, but it's not quite that simple – the economic viability of a project is typically based upon many interrelated assumptions that should be validated and tested for resiliency to change. We provide independent assessment and validation to public-sector clients that may be interested in pursuing these projects where cost is a significant consideration. We bring specific focus to ESPC and UESC projects where we work as the government's trusted advisor to validate energy savings projections and performance.

NAICS Codes

541310 - Architectural Services
541320 - Landscape Architectural Services
541330 - Engineering Services
541410 - Interior Design Services
541420 - Industrial Design Services
541490 - Other Specialized Design Services
541611 - Administrative Management and General Management Consulting Services
541618 - Other Management Consulting Services
541620 - Environmental Consulting Services
541690 - Other Scientific and Technical Consulting Services
562910 - Remediation Services







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