

GENERAL INFORMATION

Registered Company Name
Gilmartin Engineering Works, Inc.

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SAM Registration
Complete

DUNS Number
042915155

CAGE
6A2A6

Tax ID No
27-3195690

KEY CONTACT INFORMATION

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BUSINESS INFORMATION

Year Established
2010

State Incorporated
Tennessee

Business Size Standard
Service Disabled Veteran
Owned Small Business
(SDVOSB)

NAICS

541330	541611	541613
541614	541618	541620
541690	541990	561110
561210	561499	561990
562910	611430	611710

PSC

AD26	AG52	AG55
R406		



COMPANY

Gilmartin Engineering Works (GEW) is an Oak Ridge, Tennessee based Service Disabled Veteran Owned Small Business established and incorporated in 2010 by Gary Gilmartin.

CAPABILITIES

GEW provides services and support for the successful development of domestic suppliers of material and services for the energy industry. With many years of staff experience in multiple energy industry sectors, including operations and management, GEW brings a strong network and knowledge base to provide solutions to even the most challenging tasks to provide expert results. Our recent work and achievements related to energy efforts have further expanded our network development and key contacts in industry, education, government, and civic organizations – giving us the power to leverage support and expertise in the energy industry. Our capabilities span the spectrum of engineering, planning and oversight, quality assurance, operations, and communications. Although broad in background, we continue to stay focused on the key role we have in assisting service providers and suppliers in the energy industry.

Our staff delivers services in traditional areas such as proposal support and compliance, marketing communications, business development, and event management. In addition, we provide expert services to companies that are engaged in energy projects for efficiency and distribution as well as energy related manufacturing. We have developed a unique ability to analyze processes and projects for improvements in sustainability, material and value added asset re-use along with alternate disposition paths that reduce carbon footprint.

Leveraging the areas of expertise of our strategic partners and our extensive network of contacts, GEW bolsters its bench-depth in all aspects related to our core services.

Supply Chain Development



A core area of focus for Gilmartin Engineering Works is supporting development, demonstration and commercialization of solutions to America's energy challenges. Our involvement in assisting local governments and economic development organizations in attracting energy related businesses to the region is helping to create a network of suppliers that will establish the Tennessee Valley as a leader for energy related supply chain companies.

Nuclear Construction

Gilmartin Engineering Works provides specialized construction oversight and services for projects requiring the highest levels of quality assurance. Our personnel's credible reputation in quality nuclear construction was secured through experience working on projects such as the Highly Enriched Uranium Materials Facility at the Y-12 National Security Complex where they led the quality assurance recovery efforts for the resumption of construction activities. Another example of our experience was the execution of a comprehensive quality control program for the construction and maintenance of nuclear and conventional submarine systems.

Business Case Analysis / Project Evaluation

Our strong management background has honed our analytical and evaluation abilities into a results oriented culture. GEW's recent experience with the Oak Ridge Energy Corridor demonstrated our ability to identify projects, evaluate for viability, and then successfully execute by assembling the right teams and partnerships together.

As the lead for the Tennessee Valley Nuclear Energy Coalition, we authored three detailed business plans for Small Modular Reactors, Ultra Heavy Foraging, and developing a Nuclear Supply Chain base in the Tennessee Valley.



Management Consulting & Quality Assurance

Gilmartin Engineering Works provides management support for the Department of Energy, their contractors and the nuclear and energy industry. Our extensive background in quality assurance allows us the ability to provide assistance that covers the entire spectrum of quality assurance needs including program development, program implementation and execution, evaluation services and specific deliverable products for our customers' use.

Our experience spans the spectrum from developing a quality assurance program for the Y-12 National Security Complex, revising quality assurance plans to Nuclear Quality Assurance Standard (NQA-1) compliance to include DOE Quality Order 414.1, as well as managing complex quality assurance upgrades that insure the incorporation of lessons learned.



Training Program Development

GEW is a leader in the development and implementation of both individual and group technical training programs for highly regulated areas. Specific examples of our experience include:

Training and qualification of Lead Auditors for the Y-12 National Security Complex;

At the S5G Nuclear Plant, Idaho National Engineering Laboratory (INEL) - U.S. Navy/Westinghouse Corporation, we devised a revolutionary operational training and monitoring program including intensive monitoring and auditing which resulted with zero significant incidents, a

perfect safety record, and a three grade level improvement in certification rating over two years. We also managed training for 12 trident submarine crews and mentored and qualified 20 department heads.

Strategic Business Services Support

GEW provides a wide range of business support services that combine to successfully help companies and organizations navigate mission-critical business stages and meet program goals. Our in-depth experience in providing comprehensive proposal support, targeted marketing communications, strategic business development services, and event planning has given us a credible reputation as a one-stop-shop for leveraging the benefits of external expertise and resources while creating significant cost advantages. Our hands-on experience working in technology-based industries has fine-tuned our knack for technical marketing. The customer tailored services we provide in this arena are unique, and bridge the gap between engineering and sales.

SERVICE AREAS

Energy Saving Contractor (ESCO)

Gilmartin Engineering Works is the Owner's Agent and lead for the City of Oak Ridge, TN Extreme Energy Makeover Project, a grant from the Tennessee Valley Authority that aims to reduce electric usage for low income housing by 25%. The energy savings are achieved though performing whole-home, deep energy retrofits of at least 1,000 square-foot homes in the City that are at least 25 years old. To date, the \$3M project is on schedule and under budget.

Nuclear Operations & Maintenance

With extensive experience with the U.S. Navy, we have developed a solid reputation for competency in nuclear operations and maintenance. Our experience includes: ensuring operations readiness of complex mechanical, fluid and electrical missile launch systems, coordination of government contractors to ensure the on-time completion of a three month long 75,000 man-day maintenance availability, supervision of complex reactor dynamics testing to develop standard submarine operating and casualty procedures for use in the Trident fleet, and providing supervision and planning for shutdown maintenance periods.

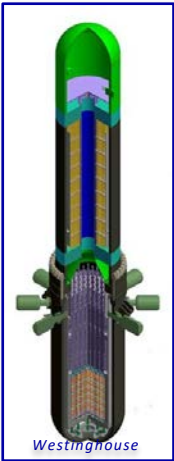


Fossil Power Plant Optimization

Gilmartin Engineering Works has significant experience in providing assessments and management consulting services for fossil power plant optimization projects. We have developed technical specifications for engineering, construction, testing, and startup procedures for fossil plants. We have also developed new product lines including a real-time boiler tube life analysis system, a heat transfer sensing system for coal-fired boilers, and an artificial intelligence-based program using genetic artificial intelligence algorithms for boiler control.



Small Modular Reactor (SMR) Expertise



As the lead for the Tennessee Valley Nuclear Energy Coalition, we utilized a grant from the U.S. Economic Development Agency to author a detailed business case, value proposition and implementation plan for the deployment of an SMR. The business case included a comparative analysis of current SMR designs.

We supported the Oak Ridge National Laboratory (ORNL) Director with an economic analysis and business case for using an SMR to achieve carbon reduction goals and power cost savings for the US Department of Energy (DOE) Office of Science. GEW also led an Oak Ridge regional initiative to use a small modular reactor for creating a net carbon neutral power system that included the city of Oak Ridge, Oak Ridge National Laboratory and the Y-12 National Security Complex.

Our background in construction startup and operation of SMRs for military applications is based on twenty years working with U.S. Naval nuclear power plants including construction, initial criticality and advanced testing of new plant systems. Assignments included working with Westinghouse at the Idaho National Laboratory on the S5G and SIW Naval prototypes.