

Energy Management Services

The information below provides suggested language on how Energy Management Services can be considered green. The Special Item Numbers (SINs) are listed in numerical order.

871 202 - Energy Management Planning and Strategies

The primary objective of Energy Management and Planning Strategies is to develop an energy management strategy that will provide information regarding facility energy systems and visibility into the performance of the facilities. This allows facility managers the ability to proactively manage energy systems and respond to the demands of the facilities. The goals of the energy management strategy may include:

- (1) Providing actionable information on the energy performance of the building systems and the facilities.
- (2) Proactively monitoring and detecting errors or deficiencies in the building systems that impact energy consumption and usage.
- (3) Integration of energy information for reporting and executive management utilization.
- (4) A scalable energy management system.

871 203 - Training on Energy Management

The schedule offers training to all federal personnel on all aspects of sustainable energy management practices. Including but not limited to, energy efficiency and utility services, new construction design, control, commissioning, maintenance, security, organizational and culture change mechanisms. Also includes preparing for relevant certifications, such as LEED, CEM, CMVP, Green Globes to effectively execute all the necessary tasks with regards to sustainable energy management practices.

871 204 - Metering Services

Utilizing 03FAC Metering services assists the federal government with its sustainability and energy initiatives by design and implementation of a metering system to manage and monitor consumption. Armed with this data, federal agencies can not only establish baseline usage, but also monitor ongoing consumption. The Schedule not only offers companies providing metering equipment and installation, but also the services of developing utility load profiles and other related services.

871 205 - Energy Program Support Services

Designed to assist agencies with the development of documentation for reporting and evaluation of energy use in comparison with required reduction goals. SIN 871-205 gives agencies the tools necessary to keep up with the various mandates requiring energy and carbon reduction goals as well as renewable energy usage, conservation, and certifications.

871 206 - Building Commissioning Services

Building commissioning services help federal agencies use the least amount of energy for heating, cooling and operating a facility. Our commissioning services take a systematic approach to optimizing building systems to its design parameters and occupancy loads without compromising a safe, comfortable productive work environment for the occupants. This Schedule solution provides for building systems, equipment and component operations to be analyzed, adjusted, maintained and repaired to manufacturer's specifications, building use, conditions and design, for efficient and sustainable operations.

871 207 - Energy Audit Services

Energy audit services provide federal agencies evaluations and studies on how to improve energy efficiency within their facilities. Energy Audits may range from basic survey and analysis to more comprehensive feasibility studies. These include the identification of conservation opportunities, that when implemented, reduce energy consumption and costs. Energy audits are used to identify financially viable projects that improve energy usage and/or efficiency, improve application and utilization of alternative-energy sources or strategies, and reduce operations and maintenance costs.

Energy Audits can also provide knowledge that is used to allocate resources, make funding decisions, and drive energy-management strategies and planning. Energy efficient buildings certification programs such as LEED may be included.

Energy Audit recommendations, when implemented, validate that energy management program initiatives and improvements are cost effective and sustainable.

871 208 - Resource Efficiency Management (REM)

REM services entail administration, management, supervision, and to a degree, implementation of both utility and end-use resources in collaboration with all business constituents including the organization leadership. Allocation and/or procurement of resources are generally based upon the principles of optimization, sustainability, efficiency, conservation, and life-cycle cost effectiveness without compromise of any beneficial output enjoyed by consumers. Such services include the sourcing of one or more Resource Efficiency Managers, and resource savings derived as a result of planning and actions taken by REMs on agency properties typically exceed the cost of their services. As the functions of REMs are multi-dimensional and require up-to-date knowledge, certifications such as CEM, LEED AP, and CMVP, in addition to relevant experience and technical education, are highly encouraged and may be required.

871 209 - Innovations in Energy

The Innovations in Energy offering helps agencies explore creative and innovative approaches to renewable energy. Whether your agency is interested in biomass conversion, solar energy, geothermal energy, hydropower (tidal power, wave power, tidal stream power, waterwheels, and hydro electricity), wind power or other sources, Schedule 03FAC has the solutions. From up-front consultation through implementation, the industry partners on 871-209 provide the latest in renewable technology.

871 210 - Water Conservation

Sustainability is achieved through the use of contractor support services to assist agencies in determining conservation measures and high efficiency products and services for establishing a water conservation program. Through metering, audits and analysis, agencies will be able to create plans to reduce water usage and reuse. Improvements also reduce greenhouse gas emissions due to reduced energy spent on water pumping, maintaining a sustainable infiltration rate, and preventing contamination to maintain a quality water supply.

871 211 - Energy Consulting Services

With the varied requirements of federal mandates, SIN 871 211 Energy Consulting Services allows agencies to get the help they need when trying to determine the best approach for their facilities. Knowledgeable contractors assist agencies in evaluating whether their energy management plans are effective in meeting reduction goals and sustainability guidelines.