



an SAIC company

**The Benham Companies, LLC
ESCO Qualification Sheet
DOE Super ESPC**

Introduction to The Benham Companies, LLC

Company Background

The Benham Companies, LLC (Benham, www.benham.com) is an Architecture & Engineering and DesignBuildSM firm with specialty experience and expertise in Energy Services and Renewable Energy Systems. Since our founding in 1909, Benham has grown and diversified to become a fully integrated company embracing all elements of energy systems design, technology integration and environmental stewardship.

Benham is a wholly owned subsidiary of Science Applications International Corporation (SAIC, www.saic.com), a FORTUNE 500® scientific, engineering, and technology applications company with annual revenues of \$10.1 billion for its fiscal year ended January 31, 2009. With approximately 45,000 employees in more than 150 cities worldwide, SAIC serves customers in a variety of commercial, industrial, government, and institutional markets. We have extensive experience with the U.S. Department of Defense, Department of Energy, the intelligence community, the U.S. Department of Homeland Security, and other U.S. Government civil agencies.

Years in Energy Business

Benham/SAIC has been heavily involved in the design of energy savings projects since the early 1970's. Benham/SAIC has been actively involved as lead developer of long-term financed energy-related performance contracting for over a decade. Since 1998, Benham/SAIC has completed or is currently implementing over 70 energy-savings projects across North America.

The Benham Companies, LLC ESPC Approach

Benham/SAIC's approach to Performance Contracting builds upon our history as a consulting firm. We are vendor, technology, product and platform neutral – our intent is to furnish the best possible engineered solution within project constraints for the benefit of each individual client.

Benham/SAIC has the ability to self-perform for every aspect of each project set, from concept to commissioning. From project design, financing, installation, operation, and ongoing maintenance, our integrated approach minimizes project risk while reducing the time required to implement the solution.

Benham/SAIC has also developed a unique set of software tools to aid in energy auditing, tracking and analysis. For instance, Benham/SAIC's audit tool provides standardized audit calculations and reports while ensuring a high degree of information accuracy and uniform report production. Benham/SAIC's Enterprise Energy Dashboard (E2D) software tool provides our

client's senior level facility energy managers with a tool to quickly identify significant system variances and address them in a timely manner. Unlike a traditional Energy Management and Control System (EMCS), the E2D tracks metrics, sorts them by their scorecard status, and identifies energy inefficiencies. This allows managers to focus time and resources on resolving the issues that provide the greatest cost reduction and operation efficiency.

The Benham Companies, LLC ESPC Experience

Statewide ESCO Services

SAIC is performing as an ESCO for a Midwestern state, enabling the company to provide energy performance contracting to 12 government agencies and 27.6 million gross square feet of various facility types. We are currently implementing a program to provide energy efficiencies in more than 100 state facilities for six departments. Using a performance-based approach, the program is anticipated to deliver significant energy savings due to lighting system renovations, state-wide energy management system integration, central chilled water and steam system renovation, and heating, ventilation and air conditioning (HVAC) system replacements.

Performance Contracting for HVAC System, Auto Manufacturer

SAIC provided design, build, own, operate, and maintain services for a new HVAC system in a 1.8 million square-foot vehicle manufacturing plant. The project was delivered under a guaranteed savings contract. The plant's energy consumption decreased by 14 percent by implementing this energy-efficient system.

Energy Savings Performance Contracts for Auto Manufacturer

SAIC is implementing a DesignBuild energy-efficiency program to identify and implement energy-savings projects at 38 facilities for a major U.S. automobile manufacturer. Using a design, build, own and transfer model, projects are being financed through energy savings over the term of each project. Projects include energy-efficient lighting, paint shop process improvements, energy management systems, and building envelope enclosure modifications. Average payback for most projects is less than one year.

Renewable Energy Projects

Benham/SAIC has extensive experience in renewable energy projects, specifically biomass solutions and thermal energy storage systems. These capabilities can be combined with a traditional Energy Services agreement so as to provide an Ultra Low Thermal Energy Solution, or, when combined with power generation, a Net Zero Thermal Energy Solution.

Contact Information

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