

# The GSA Multiple Award Schedules (MAS)

offer incredible contracting benefits to the Federal government including:

- Selection based on "Best Value."
- An unimpeded relationship between the agency and the contractor.
- Competition requirements have been met (FAR 6.102(d)(3)) when at least three schedule contractors are contacted.
- Authorized price lists reflect ceiling pricing – ask for additional discounts.
- Requirements to synopsize on FedBizOpps have been met.
- Schedule orders count towards small business goals.
- Blanket Purchase Agreements can be used to customize your solution.
- Contractor teaming arrangements allow a total solution approach to meet your needs.

When you need resources, turn to the  
**GSA Professional Engineering  
Schedule** – specifically developed to  
save you time and money.

**How to reach us:**

For additional information, visit our website at:

[www.fss.gsa.gov/services/engineering](http://www.fss.gsa.gov/services/engineering)

Or call us at: 703-305-6658

# Professional Engineering Services (PES)

Services Acquisition Center  
U.S. General Services Administration  
Federal Supply Service  
1941 Jefferson Davis Highway (FCXM)  
Arlington, VA 22202

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## Schedule 871

The best tool for your engineering needs

# From aerospace and acoustical to safety and systems engineering disciplines, ordering Professional Engineering Services has never been this easy!

With the emphasis on downsizing government, agencies are now required to do more work with fewer resources. GSA's Professional Engineering Schedule is designed to help you find quality services with better results so your agency can focus on critical missions. The following Special Item Numbers (SINs) provide a multitude of services in a variety of disciplines under the PES schedule:

## **SIN 871-1** **Strategic Planning for Technology Programs/Activities**

Services available under this SIN involve the definition and interpretation of high-level organizational engineering performance requirements such as projects, systems, missions, etc., and the objectives and approaches to their achievement. Typical associated tasks include, but are not limited to: an analysis of mission, program goals and objectives, requirements analysis, organizational performance assessment, special studies and analysis, training, privatization and outsourcing.

## **SIN 871-2** **Concept Development and Requirements Analysis**

Services available under this SIN involve abstract or concept studies and analyses, additional requirements definition, preliminary planning, evaluation of alternative technical approaches and associated costs for the development or enhancement of high level general performance specifications of a system, project, mission or activity. Typical associated tasks include, but are not limited to: requirements

analysis, cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technological conceptual designs, training, privatization and outsourcing.

## **SIN 871-3** **System Design, Engineering and Integration**

Services available under this SIN involve the translation of a system (or subsystem, program, project, activity) concept into a preliminary and detailed design (engineering plans and specifications), performing risk identification/analysis/mitigation, traceability, and then integrating the various components to produce a working prototype or model of the system. Typical associated tasks include, but are not limited to: computer-aided design, design studies and analysis, high level detailed specification preparation, configuration management and document control, prototype fabrication, assembly and simulation, modeling, training, privatization and outsourcing.

## **SIN 871-4** **Test and Evaluation**

Services available under this SIN involve the application of various techniques demonstrating that a prototype system (subsystem, program, project or activity) performs

in accordance with the objectives outlined in the original design. Typical associated tasks include, but are not limited to: testing of a prototype and first article(s), environmental testing, independent verification and validation, reverse engineering, simulation and modeling (to test the feasibility of a concept), system safety, quality assurance, physical testing of a product or system, training, privatization and outsourcing.

## **SIN 871-5** **Integrated Logistics Support**

Services available under this SIN involve the analysis, planning and detailed design of all engineering specific logistics support including material goods, personnel, and operational maintenance and repair of systems throughout their life cycles. Typical associated tasks include, but are not limited to: ergonomic/human performance analysis, feasibility analysis, logistics planning, requirements determination for logistics, policy standard/procedures development, long-term reliability and maintainability, training, privatization and outsourcing.

## **SIN 871-6** **Acquisition and Life Cycle Management**

Services available under this SIN involve all of the planning,

budgetary, contract and systems/program management functions required to procure and/or produce, render operational and provide life cycle support (maintenance, repair, supplies, engineering specific logistics) to technology-based systems, activities, sub-systems, projects, etc. Typical associated tasks include, but are not limited to: operation and maintenance, program/ project management, technology transfer/insertion, training, privatization and outsourcing.

### **Note:**

■ *Architect-Engineering (A/E) services as that term is defined in FAR 36.601-3 are excluded from the PES schedule. If an agency's statement of work, substantially or to a dominant extent, specifies performance or approval by a registered or licensed architect or engineer for services related to real property, the Brooks Act applies and such services must be procured in accordance with FAR Part 36. Use of this schedule for Brooks Act architectural or engineering services is not authorized.*

■ *Construction Management may be performed under this schedule if it is defined as a commercial item by the customer agency's contracting staff.*