



6045 Mira Mesa Blvd, Suite 250
San Diego, CA 92121
www.techflow.com



Professional Engineering Services (PES) Multiple Award Schedule (MAS)

*General Services Administration (GSA) Federal Acquisition Service Authorized
Federal Supply Schedule, Price List and Catalog*

Contract Number: GS-10F-005AA



Special Item Number (SIN):

871-1, 871-1(RC) Strategic Planning for Technology Programs/Activities

871-2, 871-2(RC) Concept Development & Requirements Analysis

871-3, 871-3(RC) System Design, Engineering and Integration

871-4, 871-4(RC) Test & Evaluation

GENERAL SERVICES ADMINISTRATION

Federal Acquisition Service
Authorized Federal Supply Schedule Price List

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through **GSA Advantage!**[™], a menu-driven database system. The INTERNET address for **GSA Advantage!**[™] is:
<http://www.GSAAdvantage.gov>.

Schedule for Professional Engineering Services (PES)
Federal Supply Group: 871 Class: R425

Contract Number: GS-10F-005AA
Contract Period: October 5, 2012 through October 4, 2017
Price list as of October 5, 2012

For more information on ordering from Federal Supply Schedules
click on the FSS Schedules button at **<http://www.gsa.gov/schedules-ordering>**



TECHFLOW

Contractor: TechFlow, Inc.
6045 Mira Mesa Blvd., Suite 250
San Diego, CA 92121-4147

Business Size: Small Business

Telephone: (858) 412-8004
FAX Number: (858) 458-6877
Web Site: www.techflow.com
E-mail: Istani@techflow.com
Contract Administration: Izabela Stani

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SECTION 1 - CUSTOMER INFORMATION

1a. Table of Awarded Special Item Number(s) with appropriate cross-reference to page Number(s):

SIN	DESCRIPTION	PAGE
871-1	Strategic Planning for Technology Programs/Activities	6
871-2	Concept Development and Requirements Analysis	6
871-3	System Design, Engineering and Integration	6
871-4	Test and Evaluation	6

Other Direct Costs/Incidental Support Costs will be determined as necessary on a Task-by-Task basis. Such costs will be negotiated separately with the ordering Agency in accordance with the guidelines set forth in the FAR, plus any applicable administrative fee.

1b. Lowest Price Model Number and Lowest Unit Price. Not Applicable See Within

1c. Hourly Rates, Commercial Job Title Descriptions, Experience, Functional Responsibility and Education. See Section 3, Labor Category Rates and Section 4, Labor Category Qualifications

2. Maximum Order: \$1,000,000.00

3. Minimum Order: \$100.00

4. Geographic Coverage (delivery Area): Domestic only

5. Point(s) of production (city, county, and state or foreign country):
 TechFlow, Inc.
 6045 Mira Mesa Blvd., Suite 250
 San Diego, CA 92121
 Or as determined in each individual Task Order award basis.

6. Discount from list prices or statement of net price: Prices shown herein are Government net prices (discounts already deducted).

7. Quantity discounts: at least 1% for Task Orders over \$1,000,000.

8. Prompt payment terms: Net 30 days

9a. Notification that Government purchase cards are accepted up to the micro-purchase threshold: TechFlow will accept Government purchase cards for payments equal to or less than below the micro-purchase threshold (as defined by FAR 2.101) for oral or written Task Order awards.

9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold: TechFlow will accept Government purchase cards for payments over \$3,000 on Task



Order awards. In addition, bank account information for wire transfer payments will be shown on the invoice.

- 10. Foreign items (list items by country of origin):** None
- 11a. Time of Delivery (Contractor insert number of days):** As specified on the Task Order
- 11b. Expedited Delivery.** The Contractor will insert the sentence “Items available for expedited delivery are noted in this price list.” under this heading. The Contractor may use a symbol of its choosing to highlight items in its price list that have expedited delivery: Contact Contractor
- 11c. Overnight and 2-day delivery.** The Contractor will indicate whether overnight and 2-day delivery are available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery: Contact Contractor
- 11d. Urgent Requirements.** The Contractor will note in its price list the “Urgent Requirements” clause of its contract and advise agencies that they can also contact the Contractor’s representative to effect a faster delivery: Contact Contractor
- 12. F.O.B Points(s):** Destination
- 13a. Ordering Address:**
TechFlow, Inc.
6045 Mira Mesa Blvd., Suite 250
San Diego, CA 92121
Attn: Izabela Stani
Email: istani@techflow.com
Phone: (858) 412-8004
- 13b. Ordering procedures:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA’s), and a sample BPA can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).
- 14. Payment address:**
TechFlow, Inc.
6045 Mira Mesa Blvd., Suite 250
San Diego, CA 92121
Attn: Accounts Payable
- 15. Warranty provision:** Contractor’s standard commercial warranty.
- 16. Export Packing Charges (if applicable):** Not Applicable.
- 17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level):** Contact Contractor
- 18. Terms and conditions of rental, maintenance, and repair (if applicable):** Not Applicable.
- 19. Terms and conditions of installation (if applicable):** Not Applicable.



- 20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable):** Not Applicable.
- 20a. Terms and conditions for any other services (if applicable):** Not Applicable.
- 21. List of service and distribution points (if applicable):** Not Applicable.
- 22. List of participating dealers (if applicable):** Not Applicable.
- 23. Preventive maintenance (if applicable):** Not Applicable.
- 24a. Environmental attributes, e.g., recycled content, energy efficiency, and/or reduced pollutants:** Not Applicable.
- 24b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contactor's website or other location.) The EIT standards can be found at:** Electronics and Information Technology (EIT) standards can be found at: www.Section508.gov/.
- 25. Data Universal Numbering System (DUNS) number:** 014125442
- 26. Notification regarding registration in System for Award Management (formerly Central Contractor Registration (CCR)):** TechFlow is registered in the SAM database. Go to <https://www.sam.gov/portal/public/SAM/> and search by Cage Code 1HQF4.

SECTION 2 – CONTRACT SERVICES

1. Contract Overview

TechFlow has been awarded has been awarded a GSA Federal Supply Schedule contract for Professional Engineering Services (PES), Contract No. GS-10F-0055AA. The contract period is from 5 October 2012 through 4 October 2017. The contract provides for task orders to be placed as Fixed Price or Time-and-Materials using the labor categories and ceiling rates defined for the contract.

2. Contract Use

This contract is available for use by all federal government agencies as a source for Professional Engineering Services for domestic use. Executive agencies, other Federal agencies, mixed-ownership Government corporations, and the District of Columbia; Government contractors authorized in writing by a Federal agency pursuant to 48 CFR 51.1; and other activities and organizations authorized by statute or regulation to use GSA as a source of supply may use this contract. Additionally, contractors are encouraged to accept orders received from activities within the Executive Branch of the Federal Government.

3. Contract Scope

The Special Item Numbers (SINs) available under this contract provide services across the full life cycle of an engineering project. When task orders are placed, they must identify the SIN or SINs under which the task is being executed. TechFlow has been awarded a contract by GSA to provide support in the following four (4) SINs as defined by the Government:

- ✓ **Strategic Planning for Technology Programs/Activities** (SIN 871-1)
- ✓ **Concept Development and Requirements Analysis** (SIN 871-2)
- ✓ **System Design, Engineering and Integration** (SIN 871-3)
- ✓ **Test and Evaluation** (SIN 871-4)

Task orders for outsourcing of engineering services may be placed for any of the SINs, provided the work being outsourced is covered under the SIN definition. The government defined and awarded this contract after evaluation based on TechFlow's experience, negotiated cost reasonableness, and past performance for the Primary Engineering Disciplines (PEDs) under each of the SINs as referenced below.

A full description of each SIN definition and examples of the types of work covered by the SIN are provided below.

871-1, 871-1RC: STRATEGIC PLANNING FOR TECHNOLOGY PROGRAMS/ACTIVITIES

Services required 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.

Example: The evaluation and preliminary definition of new or improved performance goals for navigation satellites, such as: launch procedures and costs, multiuser capability, useful service life, ac-curacy and resistance to natural and man-made electronic interference.

Contractors are awarded one or more of the following primary engineering disciplines (PEDs), under this SIN: Chemical Engineering (CE) Civil Engineering (CI) Electrical Engineering (EE), Mechanical Engineering (ME)

**871-2, 871-2RC: CONCEPT DEVELOPMENT AND REQUIREMENTS ANALYSIS**

Services required under this SIN involve abstract or concept studies and analysis, requirements definition, preliminary planning, the 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/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, training, privatization and outsourcing.

Example: The development and analysis of the total mission profile and life cycle of the improved satellite include examination of performance and cost tradeoffs.

Contractors are awarded one or more of the following primary engineering disciplines (PEDs), under this SIN: Chemical Engineering (CE) Civil Engineering (CI) Electrical Engineering (EE), Mechanical Engineering (ME)

871-3, 871-3RC: SYSTEM DESIGN, ENGINEERING AND INTEGRATION

Services required under this SIN involve the translation of a system (or subsystem, program, project or 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, fabrication, assembly and simulation, modeling, training, privatization and outsourcing.

Example: The navigation satellite concept produced in the preceding stage will be converted to a detailed engineering design package. Performance will be computer simulated and a working model will be built for testing and design verification.

Contractors are awarded one or more of the following primary engineering disciplines (PEDs), under this SIN: Chemical Engineering (CE) Civil Engineering (CI) Electrical Engineering (EE), Mechanical Engineering (ME)

871-4, 871-4RC: TEST AND EVALUATION

Services required 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) testing, 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 the product or system, training, privatization and out-sourcing.

Example: The navigation satellite working model will be subjected to a series of tests which may simulate and ultimately duplicate its operational environment.

Contractors are awarded one or more of the following primary engineering disciplines (PEDs), under this SIN: Chemical Engineering (CE) Civil Engineering (CI) Electrical Engineering (EE), Mechanical Engineering (ME)

Note: *Architect-Engineering (A/E) Services as that term is defined in [FAR 36.601-3](#) are excluded from the PES Schedule. If the 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 Architect-Engineers 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.*

SECTION 3 – TECHFLOW LABOR CATEGORY RATES

[All rates include GSA Industrial Funding Fee (IFF) of 0.75%]

Item No.	Labor Category	GSA Hourly Rate
1	SubjectMatter Expert, Level II	\$ 193.45
2	Chief Scientist	\$ 184.48
3	Sr. RF Scientist, Level II	\$ 120.91
4	Sr. RF Scientist, Level I	\$ 105.20
5	Project Contol, Mid	\$ 90.65

Quantity Discounts: For all task orders over \$1,000,000.00, the GSA rates will be discounted an additional 1%.

Service Contract Act: The Service Contract Act (SCA) is applicable. In accordance with FAR Part 22, service contracts over \$2,500 shall contain mandatory provisions regarding minimum wages and fringe benefits, safe and sanitary working conditions, notification to employees of the minimum allowable compensation, and equivalent Federal employee classifications and wage rates.

The Service Contract Act (SCA) is applicable to this contract as it applies to the entire Professional Engineering Services (PES) and all services provided. While no specific labor categories have been identified as being subject to SCA due to exemptions for professional employees (FAR 22.1101, 22.1102 and 29 CFR 541.300), this contract still maintains the provisions and protections for SCA eligible labor categories. If and / or when the contractor adds SCA labor categories / employees to the contract through the modification process, the contractor must inform the Contracting Officer and establish a SCA matrix identifying the GSA labor category titles, the occupational code, SCA labor category titles and the applicable WD number. Failure to do so may result in cancellation of the contract.

SECTION 4 – TECHFLOW LABOR CATEGORY QUALIFICATIONS

The following Labor Category descriptions include the minimum requirements for years of experience and education.

<u>Labor Category</u>	<u>Knowledge, Skills & Responsibilities</u>	<u>Minimum Education/Experience</u>
Subject Matter Expert; Level I	Provides technical knowledge and analysis of highly specialized applications and operational environment, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems which require knowledge of the subject matter for effective implementation. Participates as needed in all phases of development with emphasis on the planning, analysis, testing, integration, documentation and presentation phases.	Bachelor's Degree and 10 years of experience. A Master Degree and 6 years of experience. A Ph.D. and 3 years of experience.
Chief Scientist	Performs the functions of a technical expert in the relevant scientific field in support of major programs or system development. Applies scientific expertise in defining and resolving system issues, performing analysis, and developing plans and requirements in the subject-matter area for complex systems. Coordinates and manages the preparation of analysis, evaluations, and recommendations for proper implementation of programs and systems.	Master Degree and 18 years of experience. A Ph.D. and 9 years of experience.
Sr. RF Scientist (Level II)	Develops and validates models to simulate the creation, emission, propagation and interaction of electromagnetic energy (10 MHz – 1 THz) with various complex physical targets of interest. Has a firm understanding of high power microwave source development, antenna design, electromagnetic propagation and target interaction. Demonstrates the ability to work effectively with multi-disciplinary technical teams in a cost-effective and time-sensitive manner.	Bachelor's Degree and 8 years of experience. With a Master Degree and 6 years' experience. A Ph.D. and 3 years of experience.
Sr. RF Scientist (Level I)	Develops and validates models to simulate the creation, emission, propagation and interaction of electromagnetic energy (10 MHz – 1 THz) with various complex physical targets of interest. Has a firm understanding of high power microwave source development, antenna design, electromagnetic propagation and target interaction. Demonstrates the ability to work effectively with multi-disciplinary technical teams in a cost-effective and time-sensitive manner.	Bachelor's Degree and 6 years of experience. With a Master Degree and 4 years' experience. A Ph.D. and 2 years of experience.
Project Control (Mid)	Responsible for managing, preparing, administering, and directing the control of the budget for large and/or complex programs. Conducts detailed financial analysis. Interprets and implements most proposal estimating, pricing and documentation requirements. Reviews and approves recommendations for financial planning and control. Monitors division and department adherence to approved budget.	Bachelor's Degree and 4 years of experience. With a Master Degree no experience is required.