

GENERAL SERVICES ADMINISTRATION

Federal Supply Schedule

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 are available through GSA ADVANTAGE!, a menu-driven database system. The INTERNET address for GSA Advantage! is: <http://gsaadvantage.gov>

Multiple Award Schedule (MAS)

Industrial Group: OLM

Class: R425

Contract Number: GS-10F-0212T

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

Contract Period: April 9, 2007 through April 8, 2022



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Business Size: Small

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1. Company Overview

Ricardo Defense, Inc. (Ricardo Defense) is a full-service engineering firm specializing in the design and integration of complex systems. Ricardo Defense develops custom systems and support solutions for defense, aerospace, transportation, logistics, power and energy. Products include systems for monitoring, control, and information management. Technical services include systems engineering, electrical engineering, software engineering, information engineering, database design, mechanical engineering, reliability analysis, thermal analysis, human factors engineering, system test, and project management.

The engineering services provided by Ricardo Defense include:

- Acquisition and life cycle management
- Analysis of program goals, mission, objectives, performance
- Assessment Support
- Computer Aided Design (CAD)
- Computer Aided Engineering (CAE)
- Concept development
- Demonstration and Validation
- Design/Specifications
- Environmental control for electrical units
- Independent Verification and Validation
- Information services
- Instrumentation
- Integration
- Investigative Engineering Service
- Life Cycle Costing
- Logistics
- Operations Research (Non R&D)
- Long-term Reliability and Maintainability
- Plan, organize, establish, implement, manage, maintain, upgrade and control of technical systems
- Program and Project management
- Prototype development and first article(s) production
- Reliability and Maintainability Analysis
- Reverse engineering
- Signal processing
- Simulation and modeling
- Source data development (forward engineering systems)
- Special projects and studies
- Support services
- Systems engineering data base development, maintenance, and analysis
- Technical analysis
- Technical and management support
- T&E (test and evaluation) systems

2. Customer Information:

1. Special Item Numbers (SINs)

Ricardo Defense has been awarded the following Special Item Numbers under the Professional Services Schedule as defined below. **The SIN numbers followed by (RC) denotes an award for Disaster Recovery Purchasing.** State and local government entities may purchase Ricardo Defense's products and services in advance of a major disaster declared by the president, as well as in the aftermath of an emergency to facilitate recovery from a major disaster, terrorism, or nuclear, biological, chemical, or radiological attack. Labor rates for services provided under these SINs are in Section 5. Section 6 contains Ricardo Defense labor category descriptions. SINs/PEDs Awarded:

SIN Number	Electrical Engineering	Mechanical Engineering
541330ENG	√	√
541380	√	√
541420	√	√
541715	√	√
OLM	√	√

2. **Maximum order:** \$1,000,000.00 for SINs 541330ENG, 541420, and 541715; \$250,000 for SIN 541380; \$100,000 for OLM. Notwithstanding this limit, agencies may place and Ricardo Defense may honor orders exceeding this limit in accordance with FAR 8.404. In accordance with the Maximum Order provisions contained in the Schedule, a delivery order may be placed against the schedule even though it exceeds the maximum order threshold. There is no maximum ceiling for any task order. Ordering agencies are encouraged to seek price reductions in excess of this Maximum Order Threshold and the contractor may 1) offer a new lower price, 2) offer the lowest price available under the contract, or 3) decline the order.
3. **Minimum order:** \$100.00
4. **Geographic coverage (delivery area):** Domestic only
5. **Point(s) of production:** Same as company address
6. **Discount from list prices or statement of net price:** Government net prices (discounts already deducted).
Government Awarded Prices (Net Prices)
Contractor will accept LH and FFP for SINs 541330ENG, 541380, 541420, and 541715; T&M for SIN OLM
7. **Quantity discounts:** None offered
8. **Prompt payment terms:** 1% 30 days, Net 31

- 9a. Notification that Government purchase cards are accepted at or below the micro-purchase threshold:** Yes
- 9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold:** Will not accept
- 10. Foreign items:** None
- 11a. Time of delivery:** Specified on the Task Order
- 11b. Expedited delivery:** Contact Contractor
- 11c. Overnight and 2-day Delivery:** Contact Contractor
- 11d. Urgent requirements:** Contact Contractor
- 12. F.O.B. Points:** Destination
- 13a. Ordering address:**
Ricardo Defense, Inc.
Attn: Contracts Department
175 Cremona Drive, Suite 140
Goleta, CA 93117
P: 805.882.1884 x110
F: 805.882.1883
Email: rdi.contracts@ricardodefense.com
- 13b. Ordering procedures:** For supplies and services, the ordering procedures and information on Blanket Purchase Agreements (BPAs) are found Federal Acquisition Regulation (FAR) 8.405-3. A sample BPA can be found at the GSA/FSS Schedule homepage.
- 14. Payment address:**
Ricardo Defense, Inc.
Attn: Accounting
175 Cremona Drive, Suite 140
Goleta, CA 93117
P: 805.882.1884
Email: rdi.finance@ricardodefense.com
- 15. Warranty provision:** Contractor's standard commercial warranty
- 16. Export packing charges:** Not applicable

17. **Terms and conditions of Government purchase card acceptance:** Not applicable
18. **Terms and conditions of rental, maintenance, and repair:** Not applicable
19. **Terms and conditions of installation:** Not applicable
20. **Terms and conditions of repair parts:** Not applicable
21. **Service and distribution points:** Not applicable
22. **List of participating dealers:** Not applicable
23. **Preventive maintenance:** Not applicable
- 24a. **Special attributes such as environmental attributes:** Not applicable
- 24b. **Section 508 compliance:** Not applicable
25. **Data Universal Numbering System (DUNS) number:** 123745775
26. **System for Award Management (SAM) previously known as CCR:** Registered

3. SIN Descriptions:

541330ENG 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.

541380 Concept Development and Requirements Analysis

Services available 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.

541420 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, fabrication, assembly and simulation, modeling, training, privatization and outsourcing.

541715 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 outsourcing.

OLM Order Level Materials (OLMs)

OLMs are supplies or services acquired in direct support of a task or delivery order placed against a GSA schedule contract or BPA. Prices are established at the order level. Items are purchased under the authority of the FSS Program, FAR 8.403(b). OLMs are ancillary to the primary purpose of a task or delivery order. OLMs must be procured in conjunction with one or more of the other SINs listed on this schedule (541330ENG, 541380, 541420, and/or 541715) . OLMs may not exceed 33.33% of the total order or BPA.

4. Engineering Disciplines

Ricardo Defense supports the following **electrical engineering** disciplines (PEDs):

✓ Aerospace and Electronic Systems	✓ Industrial Electronics	✓ Reliability
✓ Circuits and Systems	✓ Communications	✓ Computer
✓ Remote Sensing	✓ Engineering Management	✓ Control Systems
✓ Information Theory	✓ Robotics & Automation	✓ Electromagnetic Compatibility

✓ Vehicular Technology	✓ Power Electronics	✓ Instrumentation and Measurement
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Ricardo Defense supports the following **mechanical engineering** disciplines (PEDs):

✓ Management	✓ Fuels and Combustion Technologies	✓ Pressure Vessels and Piping
✓ Applied Mechanics	✓ Fluids Power Systems and Technology Systems	✓ Heat Transfer
✓ Dynamic Systems and Control	✓ Electrical and Electronic Packaging	✓ Fluids Engineering
✓ Power	✓ Non-Destructive Evaluation Engineering	✓ Safety Engineering and Risk Analysis
✓ Microchannel flow and heat transfer		

5. PSS Labor Rates

For SIN Numbers: 541330ENG, 541380, 541420, 541715 Electrical and Mechanical Engineering:

LEVEL	LABOR CATEGORY NAME	CURRENT HOURLY RATE
EA	Engineer Assistant	\$37.40
E1	Engineer 1	\$53.48
E2	Engineer 2	\$75.13
E3	Engineer 3	\$87.90
E4	Engineer 4	\$106.89
E5	Engineer 5	\$128.20
E6	Engineer 6	\$148.12
E7	Engineer 7	\$161.15
E8	Engineer 8	\$176.79
E9	Engineer 9	\$182.47
M3	Designer 3	\$72.75
M4	Designer 4	\$91.97
S0	Subject Matter Expert 0	\$51.61
S1	Subject Matter Expert 1	\$85.56
S2	Subject Matter Expert 2	\$98.01
S3	Subject Matter Expert 3	\$128.30
S4	Subject Matter Expert 4	\$157.79
T4	Technical Writer 4	\$77.11
C2	Project Administrator 2	\$50.21

LEVEL	LABOR CATEGORY NAME	CURRENT HOURLY RATE
C3	Project Administrator 3	\$60.01
N1	Manager	\$82.20

The Service Contract Act (SCA) is applicable to this contract as it applies to the entire OLM: Multiple Award Schedule 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.

6. Labor Category Descriptions

This document provides descriptions of Ricardo Defense, Inc. (Ricardo Defense) GSA labor categories with corresponding educational and experience requirements. These categories are for both core and associate (exempt and nonexempt) staff.

EDUCATION/EXPERIENCE SUBSTITUTION EQUIVALENCIES

Degree	Equivalent Years of Experience
AS/AA	2 years general experience
BS/BA	6 years general experience
MS/MA	4 years general experience*
PhD	3 years general experience*

* - In addition to credits for BS/BA

LABOR CATEGORY SUMMARY DESCRIPTIONS

TECHNICAL STAFF POSITIONS

Engineers
Description
Create and define requirements, trade off cost and performance, and develop detailed specifications. Will typically work in an engineering discipline performing any of the following: research, development, test, product improvement, sustainment, or process definition. Higher levels of engineers will lead projects and tasks or be a principal contributor by providing specialized skill and design expertise. They will also be required to interact with the customer, monitor progress and status, and deliver technical presentations.

Level	Minimum Years of Experience	Education
Engineer 1	0	Bachelor's Degree
Engineer 2	2	Bachelor's Degree

Level	Minimum Years of Experience	Education
Engineer 3	5	Bachelor's Degree
Engineer 4	8	Bachelor's Degree
Engineer 5	10	Bachelor's Degree
Engineer 6	12	Bachelor's Degree
Engineer 7	15	Bachelor's Degree
Engineer 8	20	Bachelor's Degree
Engineer 9	25	Bachelor's Degree

Engineer Assistant		
Description		
Support engineers and technical managers with various technical tasks. May perform tasks related to quality assurance, configuration management, systems integration, and systems design.		

Level	Minimum Years of Experience	Education
Engineering Assistant	0	High School Diploma

Designers		
Description		
Provides specialized mechanical and/or electrical/electronic design expertise; monitors and reports technical progress, delivers technical presentations to internal and external stakeholders; defines requirements, trades off cost and performance, develops detailed designs and product specifications. Higher levels may direct junior level team members' discrete tasks, and assist with overall system integration and test. Must have experience in preparing engineering graphics, data, and documentation. Must have experience in design tools such as MCAD, CAM, CAE, or ECAD.		

Level	Minimum Years of Experience	Education
Designer 3	5	High School Diploma
Designer 4	8	High School Diploma

Subject Matter Experts		
Description		
Provides subject matter expertise in associated technical domains. Responsible for performance of complex technical/engineering tasks. Performs research, design evaluation, system integration planning and technical development. Requires advanced knowledge in an applicable field of engineering or learning acquired by a course of specialized intellectual instruction, study and experience. Higher level positions may provide technical leadership and guidance to other project engineering resources.		

Level	Minimum Years of Experience	Education
Subject Matter Expert 0	3	Bachelor's or equivalent
Subject Matter Expert 1	5	Bachelor's or equivalent
Subject Matter Expert 2	10	Bachelor's or equivalent
Subject Matter Expert 3	15	Bachelor's or equivalent
Subject Matter Expert 4	20	Bachelor's or equivalent

BUSINESS AND ADMINISTRATIVE POSITIONS

Project Support Positions		
Description		
Plans and coordinates project scheduling, budgeting, and administrative tasks. Supports the project staff by facilitating project logistics such as meetings, conference rooms, conference calls, etc. Records meeting minutes and action items during meetings and performs basic follow-up. Assists or leads the development of presentations. Performs editorial and quality assurance support for document preparation and delivery. Familiar with a variety of project support requirements, practices, and procedures. Assists project management function with the implementation of Configuration Management, Data Management and Risk Management activities. Provides support to earned value management and tracking budgets.		
Level	Minimum Years of Experience	Education
Project Administrator 2	4	Bachelor's or equivalent
Project Administrator 3	8	Bachelor's or equivalent

Technical Writers		
Description		
Writes a variety of technical articles, customized reports, technical data, marketing brochures, training materials, and/or manuals for documentation for a wide range of uses. Responsible for coordinating the display of graphics and the production of the document. Familiar with a variety of the field's concepts, practices, and procedures. Must be proficient in sentence structure and the use of English language and grammar. Performs editorial and quality assurance support for document preparation and deliveries.		
Level	Minimum Years of Experience	Education
Technical Writer 4	12	Bachelor's Degree

BUSINESS MANAGERS

Business Management		
Description		
Responsible for one or more business functions and the execution of the associated tasks. Develops strategies, plans, procedures and metrics. Usually leads and directs the work of others. Establishes staffing and other resource requirements for execution of tasks.		
Level	Minimum Years of Experience	Education
Manager 1	5	Bachelor's Degree