

GENERAL SERVICES ADMINISTRATION
Federal Supply 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 are available through GSA Advantage!, a menu-driven database system. The INTERNET address for GSA Advantage! is <http://www.gsaadvantage.gov/>.

Schedule Title: Professional Engineering Services (PES)

Contract Number: GS-23F-0132P

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at fss.gsa.gov.

Contract Period: 5 February 2004 to 4 February 2014 with two (2) five year options.

Contractor's Name:

Psycho-Linguistic Research Associates (PLRA)

485 Summit Springs Road

Woodside, CA 94062

phone: 650-851-0917

fax 650-851-3763

Contractor's Internet Address:

csatplra@earthlink.net

PLRA PES Schedule Information is available at <http://www.gsaadvantage.gov/>.

Customer Information

PLRA Professional Engineering Services (PES)

Psycho-Linguistic Research Associates (PLRA), founded in 1976, provides human factors design, engineering, test, and evaluation services for upgrading existing aviation systems as well as new technology. We specialize in aviation systems, including both fixed-wing and rotorcraft pilot-vehicle interface (PVI), cockpit alerting systems, cockpit voice command controls, integrated warning caution and advisory system design, soundimage design and test, system design mission effectiveness, workload evaluation, requirements and specifications development, user testing, flight test, simulation testing, test plan design and execution. Our ability to work effectively with all members of the design, development, and test team, including the end user pilots, the test pilots, the procuring activity, the system software and hardware engineers, and the airworthiness activity, is a hallmark of our human factors support. So, too, is our ability to conduct high quality design and test efforts in an operational environment without sacrificing dedication to rigorous experimental design or acceptance test design requirements. All of our key personnel are highly experienced in their own fields and are also dual-rated helicopter and fixed wing pilots. This multi-faceted capability gives us a user-oriented perspective that our customers find adds value to their programs.

1. Awarded Special Item Numbers

SIN 871-2 Concept Development and Requirements Analysis (ME)

SIN 871-3 System Design, Engineering and Integration (ME)

SIN 871-4 Test and Evaluation (ME)

ENGINEERING DISCIPLINE: Mechanical Engineering (ME)

Lowest priced model and price: N/A this contract.

See Labor Category Rates for pricing information. See PLRA Labor Category Experience and Education Requirements for PLRA personnel information.

2. PLRA Labor Category Experience and Education Requirements

PLRA personnel are all highly motivated, self-directed, highly experienced individuals, capable of functioning well within a multidisciplinary integrated product development team.

Research and Engineering Pilot I:

Minimum/General Experience: Four years experience with research flight testing.

Functional Responsibility: Responsible for design of human factors flight test procedures for use in flight simulation and in actual flight and for conduct of research test flights, both simulated and actual, to assess pilot-vehicle interface designs for aircraft controls and displays. Must possess strong written and verbal communication skills. Must have a minimum of 2000 hours in applicable category aircraft (e.g. rotor wing, airplane). May be required to develop or review technical documentation, and to conduct flight training. May also be required to assist in evaluation and interpretation of flight simulation and flight test results. Must be able to function as part of a multidisciplinary team consisting of human factors, software, and hardware scientists and engineers.

Minimum Education: Commercial Civilian Pilot and Flight Instructor, or Military Pilot and Instructor Pilot

Scientist/Engineer (Human Factors) VIII:

Minimum/General Experience: Six years experience with human factors research, design, development, and testing

Functional Responsibility: Required to work in a multi-disciplinary team environment to design, develop, modify, upgrade, evaluate, or test human-machine interface designs and systems. Must be able to lead a research, development, or test effort and also work as a contributing member to a research, development, or test team. Must be able to communicate human-machine interface requirements to software and hardware engineers and understand capabilities and limitations of system software and hardware. Technical skills include: analysis of human operator control and display requirements, design and rigorous experimental testing of alternative human-machine interface design alternatives, development of system requirements; development of system design, and documentation;

human-machine interaction, human performance; application of human performance to software implementation; application of human performance to hardware selection; and test planning, development of test instruments and procedures, development of test plans, test execution, data analysis and interpretation, and application of test results to human-machine interface design requirements. Must possess strong written and verbal communication skills.

Minimum Education: Masters Degree in experimental psychology, human factors, psycho-linguistics, engineering, scientific, aviation systems engineering, or related discipline; relevant technical or military training. Four years additional experience may be substituted for Masters Degree.

Project Manager (Human Factors) III:

Minimum/General Experience: 20 years experience with human factors research, development, engineering, and testing.

Functional Responsibility: Required to manage human factors projects to design, develop, modify, upgrade, evaluate, or test human-machine interface designs and systems. Must be able to lead a research, development, or test effort and also work as a contributing member to a multi-disciplinary research, development, or test team. Must be able to cooperate and collaborate well with project managers and team members of other organizations and function effectively as a member of an integrated product team (IPT). Must communicate human-machine interface requirements to software and hardware engineers and understand capabilities and limitations of system software and hardware. Technical skills include: experimental design, analysis of human operator control and display requirements, design and rigorous experimental testing of human-machine interface design alternatives, development of system requirements; development of system designs and documentation; human-machine interaction, human performance; application of human performance to software implementation; application of human performance to hardware selection; and test planning, development of test instruments and procedures, development of test plans, execution, data analysis and interpretation, application of test results to human-machine interface design requirements, and management of human factors efforts to support software and hardware design and development. Must possess excellent written and verbal communication skills. Must be highly experienced and capable in project planning and budgeting.

Minimum Education: PhD in experimental psychology, human factors, psycho-linguistics, engineering, scientific, aviation systems engineering, or related discipline; relevant technical or military training. A Masters plus six years additional experience or ten years additional experience may be substituted for PhD.

Project Manager (Systems Design) III:

Minimum/General Experience: 15 years experience with systems design.

Functional Responsibility: Required to manage systems design efforts to design, develop, modify, upgrade, evaluate, or test software or hardware designs and systems. Must be able to lead a research, development, or test effort and also work as a contributing member of a multi-disciplinary research, development, or test team. Must

be able to cooperate and collaborate well with project managers and team members of other organizations and function effectively as a member of an integrated product team (IPT). Must communicate systems design requirements to software and hardware engineers and to human factors engineers and understand capabilities and limitations of system software and hardware and the capabilities and limitations of human operators. Technical skills include: software and hardware system design, analysis of system performance requirements, design and analysis of alternative system architecture design, development of system requirements; development of system design, and documentation; and test planning, development of test methods for verification and validation of hardware and software system performance, development of test plans, execution, data analysis and interpretation, application of test results to system design requirements, and management of software and hardware design and development efforts to deliver systems that meet human operator control and display requirements. Must possess excellent written and verbal communication skills. Must be highly experienced and capable in project planning and budgeting.

Minimum Education: PhD in engineering, computer science, scientific, or related discipline. relevant technical or military training. A Masters plus six years additional experience, or ten years additional experience may be substituted for PhD.

3. PLRA Labor Category Rates

All rates listed below are effective 5 February 2009 through 4 February 2010

Research and Engineering Pilot I	\$82.80
Scientist-Engineer (Human Factors) VIII	\$138.82
Program Manager (Human Factors) III	\$154.08
Program Manager (Systems Design) III	\$165.42

Rates Effective 5 February 2010 through 4 February 2011

Research and Engineering Pilot I	\$ 85.87
Scientist-Engineer (Human Factors) VIII	\$143.96
Program Manager (Human Factors) III	\$159.78
Program Manager (Systems Design) III	\$171.54

Rates Effective 5 February 2011 through 4 February 2012

Research and Engineering Pilot I	\$89.05
Scientist-Engineer (Human Factors) VIII	\$149.29
Program Manager (Human Factors) III	\$165.69
Program Manager (Systems Design) III	\$177.89

Rates Effective 5 February 2012 through 4 February 2013

Research and Engineering Pilot I	\$92.34
Scientist-Engineer (Human Factors) VIII	\$154.81
Program Manager (Human Factors) III	\$171.82
Program Manager (Systems Design) III	\$184.47

Rates Effective 5 February 2013 through 4 February 2014

Research and Engineering Pilot I	\$95.76
Scientist-Engineer (Human Factors) VIII	\$160.54
Program Manager (Human Factors) III	\$178.18
Program Manager (Systems Design) III	\$191.30

4. Maximum Order

\$750,000.

5. Minimum Order

\$100.00

5. Geographic Coverage

Domestic

6. Place of Performance

Woodside, California, USA

7. Additional Pricing Information

Prices shown herein are NET. All labor rates are subject to escalation of 3.7% per contract year.

8. Quantity Discount

None

9. Prompt Payment Discount

None

10. Government Commercial Credit Card

In accordance with Clause 552.232-77, PAYMENT BY GOVERNMENT PURCHASE CARD (MAR 2000)(ALTERNATE I—MAR 2000), Psycho-Linguistic Research Associates will accept the Government purchase credit card for purchases equal to or less than the micro-purchase threshold. The company will not accept the Government purchase credit card for purchases over the micro-purchase threshold.

11. Foreign Items

None.

12. Time of Delivery

All services performed under this contract will be performed by PLRA in accordance with the specific delivery schedules of each Task Order issued under this contract.

12.a. Expedited Delivery: N/A this contract

12.b. Overnight and 2-day delivery. The PES schedule customer may contact PLRA for rates for overnight and 2-day delivery.

13. Urgent Requirements

This contract incorporates clause I-FSS-140-B, URGENT REQUIREMENTS (JAN 1994). When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering agency, the agency may contact PLRA's GSA Contract Representative to effect faster deliveries.

14. FOB Point

Destination.

15. Ordering Address

Psycho-Linguistic Research Associates
485 Summit Springs Rd.
Woodside, CA 94062

16. Ordering Procedures

For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPAs), and a sample BPA, information can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).

17. Payment Address

Psycho-Linguistic Research Associates
485 Summit Springs Rd.
Woodside, CA 94062

18. Warranty Provision

Standard Commercial Warranty

19. Data Universal Number System Number

010588031

20. Export Packing Charges: N/A this contract

21. Terms and Conditions of Government Purchase Card acceptance

See Item 10 Government Commercial Credit Card.

22. Terms and Conditions of rental, maintenance, and repair: N/A this contract

23. Terms and Conditions for any other services: N/A this contract

24. List of service and distribution points: N/A this contract

25. List of participating dealers: N/A this contract

26. Preventative maintenance: N/A this contract

27. Special attributes: N/A this contract

28. Section 508 compliance information: N/A this contract

29. CCR Database

Psycho-Linguistic Research Associates is registered in the Central Contractor Registration (CCR) database. Psycho-Linguistic Research Associates is registered in the Online Representations and Certifications Application (ORCA) database.