

GENERAL SERVICES ADMINISTRATION

**Federal Supply Service
Authorized Federal Supply Schedule Price List
Supplement 1
Effective Date: 1 April 2005**

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: GSAAdvantage.gov.

Schedule Title: FSS Professional Engineering Services, "Refresh No. 8"

FSC Group: 87 Standard Industrial Group: 541
FSC Class(es)/Product Code(s): 871

**Contract Number GS-23F-0145M
w/Modification #FX-03, FX-04, PA02, and PO03**

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

Contract period. 28 March 2002 – 28 February 2007

Contractor Name: William D. Horton
Horton Technical Associates, Inc. (DBA HTA, Inc.)

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Las Cruces, New Mexico 88001-3558
Telephone: 505-522-5340
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E-mail: william.horton@hortontech.com

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Contract Administration Source. Same as Above

Business Size. Small Business
Veteran's-Owned Business
Service-Disabled Veteran-Owned Small Business

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CUSTOMER INFORMATION:

1. Price List.
- 1a. Awarded special item number(s).

Special Item Number (SIN)	Item Description	Labor Category	Awarded Labor Rate
871-1	Strategic Planning for Technology Programs/Activities	Senior Scientist	\$85.64/hour
871-2	Concept Development and Requirements Analysis	Senior Scientist	\$85.64/hour
		Senior Computer Scientist	\$58.11/hour
		Senior Software Engineer	\$41.21/hour
		Staff Programmer	\$36.96/hour
		Junior Programmer	\$20.61/hour

Special Item Number (SIN)	Contract Period	Labor Category	Unit	Unit Price
871-1	Base Period (Year 1)	Senior Scientist	Hour	\$85.64
	Base Period (Year 2)	Senior Scientist	Hour	\$85.64
	Base Period (Year 3)	Senior Scientist	Hour	\$85.64
	Base Period (Year 4)	Senior Scientist	Hour	\$85.64
	Base Period (Year 5)	Senior Scientist	Hour	\$85.64
871-2	Base Period (Year 1)	Senior Scientist	Hour	\$85.64
	Base Period (Year 2)	Senior Scientist	Hour	\$85.64
	Base Period (Year 3)	Senior Scientist	Hour	\$85.64
		Senior Computer Scientist	Hour	\$58.11
		Senior Software Engineer	Hour	\$41.21
		Staff Programmer	Hour	\$36.96
		Junior Programmer	Hour	\$20.61
	Base Period (Year 4)	Senior Scientist	Hour	\$85.64
		Senior Computer Scientist	Hour	\$58.11
		Senior Software Engineer	Hour	\$41.21
		Staff Programmer	Hour	\$36.96
		Junior Programmer	Hour	\$20.61
	Base Period (Year 5)	Senior Scientist	Hour	\$85.64
		Senior Computer Scientist	Hour	\$58.11
		Senior Software Engineer	Hour	\$41.21
Staff Programmer		Hour	\$36.96	
Junior Programmer		Hour	\$20.61	

Other Direct Costs.

HTA may travel to customer sites during performance of any order received under this contract and will negotiate travel requirements with each customer on a case-by-case basis. Travel is a direct, reimbursable cost charged in accordance with approved Joint Travel Regulations.

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Note: Annual Escalation Factor is 0%. HTA, Inc. prices are constant throughout the period of this contract.

- 1b. Lowest priced model number and unit price. **Not applicable.**
- 1c. HTA, Inc. offers technical support services based on GSA-approved labor rates. HTA, Inc. has one (1) individual who supports SIN 871-1 and seven (7) individuals who support SIN 871-2.

Special Item Number (SIN) 871-1 (Strategic Planning for Technology Programs/Activities) Support.

The HTA labor category supporting SIN 871-1 is **Senior Scientist**.

Credentials: 30 years of operational, technical, analytical, and program management experience:

- 6 years operational military experience as a U.S. Army Armor officer assigned to command and staff positions in a Divisional Armored Cavalry Squadron and the 2nd Armored Cavalry Regiment;
- 14 years experience in U.S. Army Research, Development, and Acquisition (RDA) assignments:
 - Research and Development Coordinator for tactical laser weapons;
 - Assistant Project Manager for Remotely Piloted Vehicles;
 - Team, Branch, and Division Chief for the U.S. Army Armor Center Directorate of Combat Developments, Fort Knox Kentucky; and,
 - Assistant Project Manager for Electronic Warfare, Office of the Project Manager, Survivability Systems.
- 10 years experience as a defense contractor providing operations research, technical, analytical, and management support to U.S. Department of Defense and Army RDA activities:
 - 3 years as a survivability analyst for defense contractors;
 - 1 year as regional manager for a defense contractor; and,
 - 6 years as an independent contractor providing specialized technical support to U.S. Army research and development activities.

Functional Responsibilities: Plans, organizes, and provides technical support for customers involved in analysis, modeling and simulation, and development of current and next generation Army ground systems. Services include:

- Technical assessments, modeling, and tradeoff analyses of conventional and unconventional survivability techniques and technologies;
- Systems engineering analysis support for development of survivability strategies and technologies for future ground combat systems;
- Technical and operational analyses of threat and friendly weapons systems;

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- Test planning support;
- Development of analytical methodologies and object-oriented algorithms;
- Software verification and validation (V&V) support services;
- Independent analyses of advanced survivability technologies;
- Research and Development program planning support; and,
- Development of software design specifications and test plans.

Education:

Civilian:

- Coursework to meet academic requirements for a Ph.D. in Computer Science, New Mexico State University, 1999 – 2001
- M.S., Physics, Massachusetts Institute of Technology, 1979
- B.S., Physics, University of Mississippi, 1975

Military:

- U.S. Army Command and General Staff College, 1987
- Defense Systems Management College, 1983
- U.S. Army Armor Officer Advanced Course, 1979
- U.S. Army Armor Officer Basic Course, 1975
- U.S. Army Ranger School, 1974

Special Item Number (SIN) 871-2 (Concept Development and Requirements Analysis) Support

The HTA labor categories supporting SIN 871-2 are:

- Senior Scientist
- Senior Computer Scientist
- Senior Software Engineer
- Staff Programmer
- Junior Programmer

Job title and Category: **Senior Scientist**

Credentials: 30 years operational, technical, analytical, and program management experience:

- 6 years operational military experience as a U.S. Army Armor officer assigned to command and staff positions in a Divisional Armored Cavalry Squadron and the 2nd Armored Cavalry Regiment;
- 14 years experience in U.S. Army Research, Development, and Acquisition (RDA) assignments:
 - Research and Development Coordinator for tactical laser weapons;
 - Assistant Project Manager for Remotely Piloted Vehicles;
 - Team, Branch, and Division Chief for the U.S. Army Armor Center Directorate of Combat Developments, Fort Knox Kentucky; and,

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- Assistant Project Manager for Electronic Warfare, Office of the Project Manager, Survivability Systems.
- 10 years experience as a civilian defense contractor providing operations research, technical, and program management support to U.S. Department of Defense and Army RDA activities:
 - 3 years as a survivability analyst for defense contractors;
 - 1 year as regional manager for a defense contractor; and,
 - 6 years as an independent contractor providing specialized technical support to U.S. Army research and development activities.

Functional Responsibilities: Plans, organizes, and provides technical support for customers involved in analysis, modeling and simulation, and development of current and next generation Army ground systems. Services include:

- Technical assessments, modeling, and tradeoff analyses of conventional and unconventional survivability technologies;
- Systems engineering analysis and support for development of survivability strategies and technologies for future combat systems;
- Technical and operational analyses of weapons systems;
- Test planning support;
- Development of methodologies and object-oriented algorithms;
- Software verification and validation (V&V) support services;
- Independent analyses of advanced survivability technologies;
- Research and Development program planning support; and,
- Development of software design specifications and test plans.

Education:

Civilian:

- Coursework to meet academic requirements for a Ph.D. in Computer Science, New Mexico State University, 1999 – 2001
- M.S., Physics, Massachusetts Institute of Technology, 1979
- B.S., Physics, University of Mississippi, 1975

Military:

- U.S. Army Command and General Staff College, 1987
- Defense Systems Management College, 1983
- U.S. Army Armor Officer Advanced Course, 1979
- U.S. Army Armor Officer Basic Course, 1975
- U.S. Army Ranger School, 1974

Job title and category: **Senior Computer Scientist.**

Credentials: Fifteen years experience in design, development, and testing of computer systems, system architectures, and software applications, including:

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- Development of software application architectures and analytic modules that meet customer requirements;
- Design, development, and maintenance of software supporting military applications, including impact debris simulation, mission analysis and reporting, special-purpose compilers, graphical user interfaces, report-generation and database management systems, and support tools;
- Design and implementation of software to process real-time biometrics telemetry generated during monitored tool use;
- Design and development software applications including on-line factory directory, inventory management system, and graphical user interfaces.

Functional Responsibilities: Designs and develops analytic architectures, support processes, and tools that enable analysis of military operational procedures and processes. Services include:

- Analysis, design, and implementation of item-level performance tools, methodologies, and processes;
- Development of custom algorithms optimized for use on multiple computer platforms;
- Development of advanced statistical processes to support analytic requirements; and,
- Development of advanced software design and implementation strategies.

Job title and category: **Senior Software Engineer**

Credentials: Extensive experience in design, engineering, and testing of complex software systems; practical experience with:

- Design, development, and test of online educational systems and processes;
- Design, development and implementation of network architectures; and,
- Project planning and management, and database design and security.

Functional Responsibilities: Implements design specifications for item-level analysis tools using accepted development tools and procedures. Services include:

- Design and implementation of analysis modules that minimize errors, and facilitate software verification, validation, and test procedures;
- Implementation of state-of-the-art software engineering and design processes to support rapid application development efforts;
- Design, implementation, and evaluation of internal and external test procedures to ensure that products accurately reflect real-world processes and produce testable, repeatable, and error-free results; and,

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- Application of accepted software quality standards to all simulation products and tools.

Job Title and Category: **Staff Programmer**

Credentials: Experienced in design, development, and testing of software applications and graphical user interfaces (GUI); familiar with all phases of software development life cycle. Practical experience with:

- Maintenance of computer system software;
- Programming tools and integrated development environments (IDEs); and,
- Development of stand-alone software applications.

Functional Responsibilities: Uses company-provided development tools to implement analytic designs developed by the Senior Software Engineer and Computer Scientist. Services include:

- Development of integrated and stand-alone software applications and analysis tools;
- Planning and execution of “White Box” and “Black Box” testing on software applications and modules and comparison of results/output with third party performance data;
- Documentation of software modules to ensure other programmers can work with or refine code structures; and,
- Integration of GUI designs with source code.

Job Title and Category: **Junior Programmer**

Credentials: Classroom and practical experience with the design, implementation, and testing of stand-alone software applications; demonstrated knowledge of the Java programming language and familiarity with industrial software development tools and environments.

Functional Responsibilities: Uses company-provided development tools and team-oriented development environments to implement algorithm designs and procedures. Services include:

- Documentation of all modules developed under the direction of Staff Programmers and the Senior Software Engineer;
- Programming support to Staff Programmers and the Senior Software Engineer;
- Conducting internal evaluations and assessments of software modules; and,
- Supporting test and evaluation of analytic tools to ensure each meets all design specifications.

2. Maximum order. \$750,000.00 per SIN.
3. Minimum order. \$100.00 per SIN.
4. Geographic coverage (delivery area). Domestic destination delivery only.
5. Point(s) of production. **NOT APPLICABLE.**

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6. Discount from list prices. HTA, Inc. offers discounts based on the quantity of hours purchased. (See below).
7. Quantity discounts. Discounts are available through bulk purchase of labor hours in a single task order assignment. The table below lists discounts for each SIN.

Special Item Number (SIN)	Unit	Labor Category	Labor Hours Purchased	Discount	Unit Price
871-1	Hour	Senior Scientist	0 - 2000	0%	\$85.64
			2001 - 2999	2%	\$83.93
			3000 - 3999	3%	\$83.07
			4000 - 4999	4%	\$82.21
871-2	Hour	Senior Scientist	0 - 2000	0%	\$85.64
			2001 - 2999	2%	\$83.93
			3000 - 3999	3%	\$83.07
			4000 - 4999	4%	\$82.21
		Senior Computer Scientist	0 - 2000	0%	\$58.11
			2001 - 2999	2%	\$56.95
			3000 - 3999	3%	\$56.37
			4000 - 4999	4%	\$55.79
		Senior Software Engineer	0 - 2000	0%	\$41.21
			2001 - 2999	2%	\$40.39
			3000 - 3999	3%	\$39.97
			4000 - 4999	4%	\$39.56
		Staff Programmer	0 - 2000	0%	\$36.96
			2001 - 2999	2%	\$36.22
			3000 - 3999	3%	\$35.85
			4000 - 4999	4%	\$35.48
		Junior Programmer	0 - 2000	0%	\$20.61
			2001 - 2999	2%	\$20.20
			3000 - 3999	3%	\$19.99
			4000 - 4999	4%	\$19.79

8. Prompt payment terms. Payment terms are NET 30; HTA, Inc. does not offer additional discounts for prompt payments.
- 9a. HTA, Inc. accepts Government purchase cards for purchases up to the micro-purchase threshold of \$2,500.00.
- 9b. HTA, Inc. accepts Government purchase cards for purchases above the micro-purchase threshold of \$2,500.00.
10. Foreign items. **NOT APPLICABLE.**
- 11a. Time of delivery (# days). 30 days after completion of order or as agreed to by customers.

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- 11b. Expedited Delivery. Items and products available for expedited delivery are noted in this price list. Expedited delivery is available depending on customer requirements.
- 11c. Overnight and 2-day delivery. Overnight and 2-day delivery available for services performed under all SINs based on customer requirements. A schedule customer may contact HTA, Inc. for rates associated with overnight and 2-day delivery.
- 11d. Urgent Requirements. If the FSS contract delivery method does not meet an ordering agency's urgent delivery requirements, agencies are encouraged to contact HTA, Inc. to effect accelerated delivery of the required service. HTA, Inc. will reply to the inquiry within 3 workdays after receipt. (Telephonic replies will be confirmed in writing by HTA, Inc.) If HTA, Inc. offers an accelerated delivery time acceptable to the ordering agency, any order(s) placed pursuant to the agreed upon accelerated delivery date will be delivered by HTA, Inc. within this shorter delivery time and in accordance with all other terms and conditions of the contract.
- 12. F. o. b. point(s). Destination.
- 13a. Ordering address: Horton Technical Associates, Inc.
301 South Church Street, Suite AA
Las Cruces, New Mexico 88001-3558
Telephone: 505-522-5340
Fax: 505-524-2959
E-mail: william.horton@hortontech.com
- 13b. Ordering procedures: For services offered by HTA, Inc., the ordering procedures, information on Blanket Purchase Agreements (BPAs), and a sample BPA can be found in the GSA/FSS Schedule homepage (fsa.gsa.gov/schedules).
- 14. Payment address: Horton Technical Associates, Inc.
301 South Church Street, Suite AA
Las Cruces, New Mexico 88001-3558
- 15. Warranty provision. **NONE.**
- 16. Export packing charges. **NOT APPLICABLE.**
- 17. Terms and conditions of Government purchase card acceptance. HTA, Inc. will accept Government purchase cards for all orders placed for all SINs listed in this price catalog.
- 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.**

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- 20a. Terms and conditions of other services. Payment terms for all services provided are NET 30.
- 21. Service and distribution points. **NOT APPLICABLE.**
- 22. Participating dealers. **NOT APPLICABLE.**
- 23. Preventive maintenance. **NOT APPLICABLE.**
- 24a. Special (Environmental) attributes. **NOT APPLICABLE.**
- 24b. Section 508 compliance. **NOT APPLICABLE.**
- 25. Data Universal Number System (DUNS) number: 084156764.
- 26. Central Contractor (CCR) Registration. Horton Technical Associates, Inc. is registered in the CCR database.

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