

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 AdvantageTM, a menu-driven database system. The INTERNET address GSA AdvantageTM is <http://www.GSAAdvantage.gov>

Schedule Title: **Professional Engineering Services**

Standard Industrial Group – **Schedule 871**

Contract number: **GS-23F-0047L**

Contract Period: **November 2005-2010**

Contractor's name, address and phone number:

Analytical Mechanics Associates, Inc.

303 Butler Farm Road, Suite 104A

Hampton, VA 23666

Phone: 757.865.0944

Fax: 757.865.6571

Contract Administration Source – **See above**

Business Size – **Small Disadvantaged, 8(A)**

CUSTOMER INFORMATION

1a. Table of awarded special item number(s)

The following were awarded under the Primary Engineering Disciplines of Electrical and Mechanical Engineering

SIN 871-2 Concept Development and Requirements Analysis

SIN 871-3 Systems Design, Engineering and Integration

1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract.

Effective January 1, 2004 the pricing structure has been revised to reflect the new 0.75% IFF rate.

HOURLY RATE PRICING SCHEDULE – Base Period

	<i>Year 1</i> <i>11/01/00</i> <i>-</i> <i>10/31/01</i>	<i>Year 2</i> <i>11/01/01</i> <i>-</i> <i>10/31/02</i>	<i>Year 3</i> <i>11/01/02</i> <i>-</i> <i>10/31/03</i>	<i>Year 4</i> <i>11/01/03</i> <i>-</i> <i>12/31/03</i>	<i>Year 4</i> <i>01/01/04</i> <i>-</i> <i>10/31/04</i>	<i>Year 5</i> <i>11/01/04</i> <i>-</i> <i>11/07/05</i>
Senior Scientist	\$88.10	\$92.51	\$97.14	\$101.98	\$101.73	\$106.82
Supervising Engineer	\$79.27	\$83.23	\$87.40	\$91.76	\$91.53	\$96.12
Senior Project Engineer	\$76.85	\$80.70	\$84.73	\$88.97	\$88.75	\$93.18
Project Engineer	\$67.98	\$71.38	\$74.94	\$78.70	\$78.50	\$82.42
Staff Engineer	\$53.34	\$56.01	\$58.80	\$61.75	\$61.60	\$64.66
Supervising Analyst	\$79.27	\$83.23	\$87.40	\$91.76	\$91.53	\$96.12
Senior Programmer/Analyst	\$60.38	\$63.41	\$66.58	\$69.91	\$69.74	\$73.21
Programmer/Analyst	\$52.29	\$54.91	\$57.66	\$60.54	\$60.39	\$63.40
Multimedia Specialist Level II	-	-	-	-	\$66.15	\$69.46
Multimedia Specialist Level I	-	-	-	-	\$55.13	\$57.88
Jr. Multimedia Specialist Level I	-	-	-	-	\$27.34	\$28.71
SME Consultant Level III	-	\$145.16	\$152.41	\$160.04	\$159.64	\$167.61
SME Consultant Level I	-	\$116.13	\$121.93	\$128.03	\$127.71	\$134.09

HOURLY RATE PRICING SCHEDULE – Option Period

<i>Labor Categories</i>	<i>Year 6</i>	<i>Year 7</i>	<i>Year 8</i>	<i>Year 9</i>	<i>Year 10</i>
	<i>11/08/05</i>	<i>11/08/06</i>	<i>11/08/07</i>	<i>11/08/08</i>	<i>11/08/09</i>
	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
	<i>11/07/06</i>	<i>11/07/07</i>	<i>11/07/08</i>	<i>11/07/09</i>	<i>11/07/10</i>
Staff Scientist	\$112.16	\$117.77	\$123.66	\$129.84	\$136.33
Supervising Engineer	\$100.93	\$105.98	\$111.28	\$116.84	\$122.68
Senior Project Engineer	\$97.84	\$102.73	\$107.87	\$113.26	\$118.92
Project Engineer	\$86.54	\$90.87	\$95.41	\$100.18	\$105.19
Staff Engineer	\$67.89	\$71.28	\$74.84	\$78.58	\$82.51
Supervising Analyst	\$100.93	\$105.98	\$111.28	\$116.84	\$122.68
Senior Programmer/Analyst (PDM)	\$101.49	\$106.56	\$111.89	\$117.48	\$123.35
Senior Programmer/Analyst	\$76.87	\$80.71	\$84.75	\$88.99	\$93.44
Programmer/Analyst	\$66.57	\$69.90	\$73.40	\$77.07	\$80.92
Multimedia Specialist Level II	\$72.93	\$76.58	\$80.41	\$84.43	\$88.65
Multimedia Specialist Level I	\$60.77	\$63.81	\$67.00	\$70.35	\$73.87
Jr. Multimedia Specialist Level I	\$30.15	\$31.66	\$33.24	\$34.90	\$36.65
Subject Matter Expert (SME) Level IV	\$200.77	\$210.81	\$221.35	\$232.42	\$244.04

- 1.c. Labor Category Descriptions: See page 4 below.
2. Maximum Order: **\$750,000.00**
3. Minimum Order: **\$100.00**
4. Geographic Coverage (delivery area): **USA**
5. Point(s) of production (city, county, and State or foreign country): **Hampton, VA. USA**
6. Discount from list prices or statement of net prices: **Stated prices reflect a discount to the Government and are the net price with IFF.**
7. Quantity discounts: **None**
8. Prompt Payment Terms: **None**
- 9a. Notification that Government purchase cards are accepted up to the micro-purchase threshold: **Accepted**
- 9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold: **Accepted**
10. Foreign Items: **None**
- 11a. Time of Delivery: **In accordance with each task order.**
- 11b. Expedited Delivery: **N/A as this is a service contract.**
- 11c. Overnight and 2nd day delivery: **N/A as this is a service contract.**
- 11d. Urgent Requirements: **N/A as this is a service contract.**
12. F.O.B. points: **Destination. Domestic.**
- 13a. Ordering Address(es):
Analytical Mechanics Associates, Inc.
303 Butler Farm Road, Suite 104A
Hampton, VA 23666
Phone: 757.865.0944
Fax: 757.865.6571
- 13b. Ordering Procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's), and a sample BPS can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).
14. Payment Address(es):
Analytical Mechanics Associates, Inc.
303 Butler Farm Road, Suite 104A
Hampton, VA 23666
Phone: 757.865.0944
Fax: 757.865.6571
15. Warranty Provision: **None**
16. Export packing charges: **N/A**
17. Terms and Conditions of Government purchase card acceptance: **No special terms.**
18. Terms and Conditions of rental, maintenance, and repair: **N/A**
19. Terms and Conditions of installation: **N/A**
20. Terms and Conditions of repair parts indicating date of parts price lists and any discounts from list prices: **N/A**
- 20a. Terms and Conditions for any other services: **N/A**
21. List of service and distribution points: **N/A**
22. List of participating dealers: **N/A**
23. Preventative Maintenance: **N/A**
- 24a. Environmental Attributes: **N/A**

24b. Section 508 Compliance Information: **N/A.**

25. Data Universal Number System (DUNS) number: **04-585-6622**

26. Notification regarding registration in Central Contractor Registration (CCR) database:

Analytical Mechanics Associates Inc.'s current status is ACTIVE in the CCR.

Updated on an annual basis.

Analytical Mechanics Associates, Inc.'s (AMA) team of scientists and engineers provides research and development from the drawing board to flight. AMA supports governmental and commercial development of aeronautics and space technologies through Flight System Engineering, Multi-Disciplinary Analyses from initial, Phase A studies through Post-Flight mission reviews, advanced Guidance, Navigation and Controls and, Mission Operations. AMA provides state-of-the-art design and verification and validation work, utilizing advanced simulation techniques for:

ENGINEERING

- *Guidance, Navigation and Controls
 - *Optimization
 - *Trajectory
- *Multi-Body Dynamics
- *Computational Fluid Dynamics
 - *Structures

DATA VISUALIZATION

- *Concept Design and Computer Animation
- *Data Visualization in 3D immersive environments
 - *Real Time Engineering Simulations
 - *Augmented and Virtual Reality

SOFTWARE SYSTEMS INTEGRATION

- *Collaborative Applications Across Distributed Sites
 - *Customized PDM Applications
 - *Legacy System Integration

General Services Administration award to
Analytical Mechanics Associates, Inc. (AMA)

Engineering Services
Multiple Award Schedule Contract: GS-23F-0047L
November 2000-2005

For:

SIN 871-2
SIN 871-3

*Awarded under Primary Engineering Disciplines of Electrical and
Mechanical Engineering*

Additional Information
GSA SCHEDULE LABOR CATEGORIES/DESCRIPTION
Identified in item 1b.

Staff Scientist

Education and Experience:

Ph.D. Level in engineering field with a minimum of 10 years of concentrated experience.

Skill Description:

Manages multiple projects involving engineering services at diverse locations. Organizes, directs, and coordinates planning and production of contractor's contract support activities. Provides support to services delivered under this contract to ensure that all related products and services satisfy the requirements and needs of GSA and GSA's client agencies.

Supervising Engineer

Education and Experience:

Ph.D. Level in engineering field with a minimum of 5 years of concentrated experience.

Skill Description:

Manages multiple system, software, and hardware engineering projects at diverse locations Organizes, directs, and coordinates planning and production of the Contractor's task order service delivery within a reasonable span of control and assigned territory.

Senior Project Engineer

Education and Experience:

Master's Degree with a minimum of 3 years of concentrated experience.

Skill Description:

Performs high level and exceptionally complex systems analysis, evaluation, design, integration, programming, documentation, maintenance and implementation of applications which require graduate level knowledge of scientific, engineering, higher mathematics, advanced technologies, and related systems for effective implementation. Directs and participates in all phases of development including planning, analysis, evaluation, programming, integration, testing, and acceptance phases. Applies engineering science principles and methods, including emerging or advanced as well as current technical knowledge, to exceptionally complex technical problems in engineering and sciences to arrive at solutions. May direct or participate in the design and development of operational prototypes using expert systems, fully integrated Application Development Systems and Integrated CASE Tools (I-CASE).

Project Engineer

Education and Experience:

Bachelor's Degree with a minimum of 2 years of concentrated experience.

Skill Description:

Performs complex systems analysis, evaluation, design, integration, documentation and maintenance of applications, which require a working knowledge of scientific/engineering sciences, higher mathematics and advanced technologies. Applies engineering science principals to complex technical problems to arrive at solutions.

Staff Engineer

Education and Experience:

Bachelor's Degree with a minimum of 1 year of concentrated experience.

Skill Description:

Performs basic systems analysis, evaluation, design, integration, programming, documentation and maintenance of applications. Participates in at least one phase of concept development applying higher mathematics.

Supervising Analyst

Education and Experience:

Ph.D. Level in Computer science/Math/Science field with a minimum of 5 years of concentrated experience.

Skill Description:

Manages multiple system, software, and hardware projects at diverse locations
Organizes, directs, and coordinates planning and production of all the Contractor's task order service delivery within a reasonable span of control and assigned territory.

Senior Programmer/Analyst (PDM)

Education and Experience:

Master's Degree with a minimum of 2 years of concentrated experience

Skill Description:

Performs high level and complex systems analysis, evaluation, design, integration, programming, documentation, maintenance and implementation of applications, which require knowledge of scientific, engineering, and higher mathematics, and related systems concepts for effective implementation. Directs and participates in all phases of development including planning, analysis, evaluation, programming, integration, testing and acceptance. The Senior Programmer/Analyst (PDM) will apply engineering and/or computer science principles and methods to complex designs. May direct and participate in the design and development of operational prototypes using expert systems, fully integrated Application Development Systems, and integrated CASE Tools (I-CASE).

Additionally, the Senior Programmer/Analyst (PDM) requires knowledge of large-scale engineering enterprise systems and or engineering Product Data Management (PDM) tools such as Windchill™, for effective implementation across the enterprise including but not limited to engineering work flow management.

Senior Programmer/Analyst

Education and Experience:

Master's Degree with a minimum of 2 years of concentrated experience.

Skill Description:

Performs high level and complex systems analysis, evaluation, design, integration, programming, documentation, maintenance and implementation of applications, which require knowledge of scientific, engineering, and higher mathematics, and related systems concepts for effective implementation. Directs and participates in all phases of development including planning, analysis, evaluation, programming, integration, testing and acceptance. Applies engineering and/or computer science principals and methods to complex designs. May direct and participate in the design and development of operational prototypes using expert systems, fully integrated Application Development Systems, and integrated CASE Tools (I-CASE).

Programmer/Analyst

Education and Experience: Associate's Degree/Diploma/Certification or High School Diploma plus two (2) years of college level courses.

Skill Description:

Performs basic programming, systems analysis, evaluation, design, integration, documentation and maintenance of applications.

Multimedia Specialist Level II

Education and Experience:

Associates (A.S.) level with at least 8 years of multimedia experience in industry or academia.

Skill Description:

In depth knowledge of industry standard multimedia tools, which include but are not limited to tools used to obtain animations, web graphics development, posters, and other products. Tools include high-end software products such as MAYA. Skilled in hardware required to output multimedia products such as DVDs and video tapes. Skilled in understanding the engineering and scientific needs of the customer and being able to map the requirements to process or mission animations. Good artistic talents with sound engineering and scientific judgment and ability to work with Computer Aided Design (CAD) engineers to import and export CAD models.

Multimedia Specialist Level I

Education and Experience:

Associates (A.S.) level with at least 5 years of multimedia experience in industry or academia.

Skill Description:

Good knowledge of industry standard multimedia tools which include but are not limited to tools used to obtain animations, web graphics development, posters, and other products. Tools include high end software products such as MAYA. Skilled in hardware required to output multimedia products such as DVDs and video tapes. Good artistic talents with sound engineering and scientific judgment and ability to work with CAD engineers to import and export CAD models.

Junior Multimedia Specialist Level I

Education and Experience:

High school level with at least 3 years of multimedia experience in industry or academia.

Skill Description:

Good knowledge of industry standard multimedia tools which include but are not limited to tools used to obtain animations, web graphics development, posters, and other products. Tools include high end software products such as MAYA. Skilled in hardware required to output multimedia products such as DVDs and video tapes. Good artistic talents with sound engineering and scientific judgment and ability to work with CAD engineers to import and export CAD models.

Subject Matter Expert (SME) Level IV

Education and Experience: Ph.D. Level in Engineering, Mathematics or Computer Science field with 30 years of concentrated experience.

Skill Description:

Manages multiple projects involving consulting engineering services at diverse locations. Organizes, directs, and coordinates planning and production of all contractor's consulting support activities. Performs efficient and effective oral and written communication with all levels of contractor's management personnel, and client representatives. Formulates and reviews strategic plans and deliverable items, and ensures conformance with standards. Assigns schedules and reviews work of subordinates. Communicates and explains policies and practices of the contractor's organization to subordinates. Provides support for contractor services delivered under this contract to ensure that all related products and services satisfy the requirements and needs of contractor, GSA and contractor's client agencies.

Note: For all above categories:

Ph.D. is considered equivalent to M.S. + three (3) years relevant experience

M.S. is considered equivalent to B.S + two (2) years relevant experience

B.S. is considered equivalent to A.S. + two (2) years relevant experience

A.S. is considered equivalent to High school + two (2) years relevant experience