



**GENERAL SERVICES ADMINISTRATION  
FEDERAL SUPPLY SERVICE  
AUTHORIZED FEDERAL SCHEDULE PRICELIST**

**PROFESSIONAL ENGINEERING SERVICES (PES)  
Federal Supply Group: 871, Class: R425**

Special Item No. 871-1 Strategic Planning for Technology Programs/Activities (CE, EE, ME)  
Special Item No. 871-1RC Strategic Planning for Technology Programs/Activities (CE, EE, ME)

Special Item No. 871-2 Concept Development and Requirements Analysis (CE)  
Special Item No. 871-2RC Concept Development and Requirements Analysis (CE)

Special Item No. 871-3 System Design, Engineering and Integration (CE, CI, ME)  
Special Item No. 871-3RC System Design, Engineering and Integration (CE, CI, ME)

Special Item No. 871-4 Test and Evaluation (CE, ME)  
Special Item No. 871-4RC Test and Evaluation (CE, ME)

Special Item No. 871-5 Integrated Logistics Support (CE, EE, ME)  
Special Item No. 871-5RC Integrated Logistics Support (CE, EE, ME)

Special Item No. 871-6 Acquisition and Life Cycle Management (EE, ME)  
Special Item No. 871-6RC Acquisition and Life Cycle Management (EE, ME)

**SMALL BUSINESS**

**CONTRACT NUMBER: GS-10F-0095W**  
**CONTRACT PERIOD: 19 January 2010 through 18 January 2015**  
*Updated through Modification #PS-0003 dated May 26, 2011.*

**ADVANCED CONCEPTS & TECHNOLOGIES INTERNATIONAL, LLC**

**1105 Wooded Acres**

**Suite 500**

**Waco, Texas 76710**

**Tel: 254-776-9511**

**FAX: 254-776-3813**

**Contract Administration: William Ward: [wward@act-i.com](mailto:wward@act-i.com)**

**[www.act-i.com](http://www.act-i.com)**

*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>.*



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PROFESSIONAL ENGINEERING SERVICES SCHEDULE PRICELIST ..... 24

## CUSTOMER INFORMATION

1a.      **AWARDED SPECIAL ITEM NUMBERS (SINS):** **PEDS Offered:**

		CE	CI	EE	ME	RC
A.	SIN 871-1 Strategic Planning For Technology Programs/Activities	X		X	X	X
B.	SIN 871-2 Concept Development And Requirements Analysis	X				X
C.	SIN 871-3 System Design, Engineering And Integration	X	X		X	X
D.	SIN 871-4 Test and Evaluation	X			X	X
E.	SIN 871-5 Integrated Logistics Support	X		X	X	X
F.	SIN 871-6 Acquisition and Life Cycle Management			X	X	X

1b.      **SEE LIST OF LABOR CATEGORIES AND RATES PAGE 18**

1c.      **SEE LABOR CATEGORY DESCRIPTIONS ON PAGE 6**

2.      **MAXIMUM ORDER THRESHOLD: \$1,000,000.00**

3.      **MIMIMUM ORDER: \$100.00**

4.      **GEOGRAPHIC COVERAGE (DELIVERY AREA). Domestic Only**

5.      **POINT(S) OF PRODUCTION (CITY, COUNTY, AND STATE OR FOREIGN COUNTRY).**

**ADVANCED CONCEPTS & TECHNOLOGIES INTERNATIONAL, LLC  
1105 WOODDED ACRES, SUITE 500, WACO, TEXAS 76710  
254-776-9511 (TELEPHONE)  
254-776-3813 (FACSIMILE)**

6.      **DISCOUNT FROM LIST PRICES OR STATEMENT OF NET PRICE: Prices are net on page 19.**

7.      **QUANTITY DISCOUNTS: None**

8.      **PROMPT PAYMENT/QUANTITY DISCOUNTS: Net 30 days**

9a.     **GOVERNMENT PURCHASE CARDS ARE ACCEPTED AT OR BELOW THE MICRO PURCHASE THRESHOLD.**

9b.     **GOVERNMENT PURCHASE CARDS ARE ACCEPTED ABOVE THE MICRO-PURCHASE THRESHOLD.**

10.     **FOREIGN ITEMS (LIST ITEMS BY COUNTRY OF ORIGIN): N/A**

11a.    **TIME OF DELIVERY: 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: Contact Contractor
- 11d. URGENT REQUIREMENTS: Contact Contractor
12. FOB POINTS: DESTINATION
13. ORDERING ADDRESS(ES):  
**ADVANCED CONCEPTS & TECHNOLOGIES INTERNATIONAL, LLC**  
**1105 WOODED ACRES, SUITE 500, WACO, TEXAS 76710**  
**254-776-9511 (TELEPHONE)**  
**254-776-3813 (FACSIMILE)**
- 13 b. 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](http://fss.gsa.gov/schedules)).
14. PAYMENT ADDRESS(ES):  
**Accounts Payable:**  
**ADVANCED CONCEPTS & TECHNOLOGIES INTERNATIONAL, LLC**  
**1105 WOODED ACRES, SUITE 500, WACO, TEXAS 76710**  
**254-776-9511 (TELEPHONE)**  
**254-776-3813 (FACSIMILE)**
15. WARRANTY PROVISION: Contractor's standard commercial warranty
16. EXPORT PACKING CHARGES, IF APPLICABLE. N/A
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: 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 (if applicable): N/A
21. LIST OF SERVICE AND DISTRIBUTION POINTS (if applicable): N/A
22. LIST OF PARTICIPATING DEALERS: N/A
23. PREVENTIVE MAINTENANCE (IF APPLICABLE): N/A
- 24a. ENVIRONMENTAL ATTRIBUTES, E.G., RECYCLED CONTENT, ENERGY EFFICIENCY, AND/OR REDUCED POLLUTANTS: NONE
- 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.

CONTRACTOR'S WEBSITE OR OTHER LOCATION.) The EIT standards can be found at [www.Section508.gov/](http://www.Section508.gov/).

25. DATA UNIVERSAL NUMBER SYSTEM (DUNS) NUMBER: **00-805-0242**
26. ADVANCED CONCEPTS & TECHNOLOGIES, LLC IS REGISTERED IN THE CENTRAL CONTRACTOR REGISTRATION (CCR) DATABASE.

**ADVANCED CONCEPTS & TECHNOLOGIES  
INTERNATIONAL, LLC**

**PROFESSIONAL ENGINEERING SERVICES**

**LABOR CATEGORY DESCRIPTIONS**

SIN 871-1 Strategic Planning For Technology Programs/Activities
SIN 871-2 Concept Development And Requirements Analysis
SIN 871-3 System Design, Engineering And Integration
SIN 871-4 Test and Evaluation
SIN 871-5 Integrated Logistics Support
SIN 871-6 Acquisition and Life Cycle Management

Commercial Job Title: **Executive Subject Matter Expert (ESME)**

Minimum/General Experience: Executive engineering/technical experience which applies to corporate management, including experience as an executive level subject matter expert of either a corporate division or operation involving Strategic Planning for Technology Programs/Activities, Concept Development and Requirement Analysis, System Design, Engineering and Integration, Test and Evaluation, Integrated Logistics Support, Acquisition and Life Cycle Management. Experience should include oversight or direct technical expertise and experience including management of highly technical experts in engineering and related fields.

Functional Responsibility: Provides executive level technical analysis, advice and services to engineering and technology based systems and related customers on basic research and development, strategic planning, system design, prototypes, test and evaluation, cost estimating and analysis, integrated logistics support, systems maintenance and acquisition and life cycle management. Provides executive level technical advice, and services to Executives, Program Managers and customers. Ensures overall corporate technical management on large, complex systems, contracts and delivery orders.

Minimum Education/Years Experience: A Master Degree (e.g., M.S., MBA/MPA, MA) plus at least 20 years experience in government or commercial program, engineering or technical systems management. A B.S./B.A. plus 22 years experience will meet the requirements. A Ph.D. and 15 years experience in government or commercial programs, engineering/technical systems or acquisition management.

Commercial Job Title: **Senior Subject Matter Expert (SSME)**

Minimum/General Experience: Senior engineering/technical experience which applies to corporate management, including experience as a senior level subject matter expert of either a corporate division or operation involving Strategic Planning for Technology Programs/Activities, Concept Development and Requirement Analysis, System Design, Engineering and Integration, Test and Evaluation, Integrated Logistics Support, Acquisition and Life Cycle Management. Experience should include oversight or direct technical expertise and experience including management of highly technical experts in engineering and related fields.

Functional Responsibility: Provides senior level technical analysis, advice and services to engineering and technology based systems and related customers on basic research and development, strategic planning, system design, prototypes, test and evaluation, cost estimating and analysis, integrated logistics support, systems maintenance and acquisition and life cycle management. Provides senior level technical advice, and services to Executives, Program Managers and customers. Ensures overall corporate technical management on large, complex systems, contracts and delivery orders.

Minimum Education/Years Experience: A Master's Degree (e.g., M.S., MBA/MPA, MA) plus at least 15 years experience in government or commercial programs, engineering, logistics, acquisition or technical systems management. A B.S./B.A. plus 18 years experience will meet the requirements. A Ph.D. and 10 years experience in government or commercial program, engineering/technical systems or acquisition management.

Commercial Job Title: **Subject Matter Expert (SME)**

Minimum/General Experience: Engineering/technical experience which applies to corporate management, including experience as a subject matter expert of either a corporate division or operation involving Strategic Planning for Technology Programs/Activities, Concept Development and Requirement Analysis, System Design, Engineering and Integration, Test and Evaluation, Integrated Logistics Support, or Acquisition and Life Cycle Management.

Experience should include oversight or direct technical expertise and experience including management of highly technical experts in engineering and related fields.

Functional Responsibility: Provides technical analysis, advice and services to engineering and technology based systems and related customers on basic research and development, strategic planning, system design, prototypes, test and evaluation, cost estimating and analysis, integrated logistics support, systems maintenance and acquisition and life cycle management. Provides technical advice, and services to Executives, Program Managers and customers. Ensures overall corporate technical management on large, complex systems, contracts and delivery orders.

Minimum Education/Years Experience: A Master Degree (e.g., M.S., MBA/MPA, MA) plus at least 10 years experience in government or commercial programs, engineering, logistics, acquisition or technical systems management. A B.S./B.A. plus 12 years experience will meet the requirements. A Ph.D. and 7 years experience in government or commercial program, engineering/technical systems or acquisition management.

Commercial Job Title: **Sr. Program Manager**

Minimum/General Experience: General experience which applies to corporate management, including experience as a manager of either a corporate division or operation involving basic and applied research and development, strategic planning, system design, prototypes, test and evaluation, cost estimating and analysis, integrated logistics support, systems maintenance or acquisition and life cycle management. Experience should include oversight or direct management responsibilities including profit/loss, personnel management, corporate planning, financial management, business development and strategic planning.

Functional Responsibility: Provides executive level management of multiple engineering and technology based systems and projects involving basic and applied research and development, strategic planning, system design, prototypes, test and evaluation, cost estimating and analysis, integrated logistics support, systems maintenance and acquisition and life cycle management. Provides executive level technical advice, and services to Executives, Program Managers and customers. Ensures overall corporate technical management on large, complex systems, contracts and delivery orders.

Minimum Education/Years: A Master's Degree (e.g., M.S., MBA/MPA, MA) plus at least 20 years experience in government or commercial programs, engineering, logistics, acquisition or technical systems management. A B.S./B.A. plus 22 years experience will meet the requirements. A Ph.D. plus 15 years experience will also meet the requirements.

Commercial Job Title: **Program Manager Level III**

Minimum/General Experience: General experience which applies to corporate management, including experience as a manager of either a corporate division or operation involving basic and applied research and development, strategic planning, system design, prototypes, test and evaluation, cost estimating and analysis, integrated logistics support, systems maintenance or acquisition and life cycle management. Experience should include oversight or direct management responsibilities including profit/loss, personnel management, corporate planning, financial management, business development and strategic planning.

Functional Responsibility: Provides executive level management of multiple engineering and technology based systems and projects involving basic and applied research and development, strategic planning, system design, prototypes, test and evaluation, cost estimating and analysis, integrated logistics support, systems maintenance and acquisition and life cycle management. Provides executive level technical advice, and services to Executives, Program Managers and customers. Ensures overall corporate technical management on large, complex systems, contracts and delivery orders.

Minimum Education/Years Experience in Government or Commercial Technical Program Management:

A Master's Degree (e.g., M.S., MBA/MPA, MA) plus at least 15 years experience in government or commercial programs, engineering, logistics, acquisition or technical systems management. A B.S./B.A. plus 18 years experience will meet the requirements. A Ph.D. plus 12 years experience will also meet the requirements.

Commercial Job Title: **Program Manager Level II**

Minimum/General Experience: General experience which applies to corporate management, including experience as a manager of either a corporate division or operation involving basic and applied research and development, strategic planning, system design, prototypes, test and evaluation, cost estimating and analysis, integrated logistics support, systems maintenance or acquisition and life cycle management. Experience should include oversight or direct management responsibilities including profit/loss, personnel management, corporate planning, financial management, business development and strategic planning.

Functional Responsibility: Provides management of multiple engineering and technology based systems and projects involving basic and applied research and development, strategic planning, system design, prototypes, test and evaluation, cost estimating and analysis, integrated logistics support, systems maintenance and acquisition and life cycle management. Provides technical advice, and services to, Program Managers and customers. Ensures overall corporate technical management on large, complex systems, contracts and delivery orders.

Minimum Education/Years Experience: A Master's Degree (e.g., M.S., MBA/MPA, MA) plus at least 10 years experience in government or commercial programs, engineering, logistics, acquisition or technical systems management. A B.S./B.A. plus 12 years experience will meet the requirements. A Ph.D. plus 7 years experience will also meet the requirements.

Commercial Job Title: **Program Manager Level I**

Minimum/General Experience: General experience which applies to corporate management, including experience as a manager of either a corporate division or operation involving basic and applied research and development, strategic planning, system design, prototypes, test and evaluation, cost estimating and analysis, integrated logistics support, systems maintenance or acquisition and life cycle management. Experience should include oversight or direct management responsibilities including profit/loss, personnel management, corporate planning, financial management, business development and strategic planning.

Functional Responsibility: Provides management of multiple engineering and technology based systems and projects involving basic and applied research and development, strategic planning, system design, prototypes, test and evaluation, cost estimating and analysis, integrated logistics support, systems maintenance and acquisition and life cycle management. Provides technical advice, and services to, Program Managers and customers. Ensures overall corporate technical management on large, complex systems, contracts and delivery orders.

Minimum Education/Years Experience: A Master's Degree (e.g., M.S., MBA/MPA, MA) plus at least 5 years experience in government or commercial programs, engineering, logistics, acquisition or technical systems management. A B.S./B.A. plus 7 years experience will meet the requirements. A Ph.D. plus 3 years experience will also meet the requirements.

Commercial Job Title: **Sr. Project Manager**

Minimum/General Experience: General experience which applies to program and contract management, including experience as a manager of either a large, complex project/contract/delivery order or multiple projects/delivery orders. Experience on projects involving basic and applied research and development, strategic planning, system design, prototypes, test and evaluation, cost estimating and analysis, integrated logistics support, systems maintenance or acquisition and life cycle management. Experience should include oversight or direct management responsibilities including, business management, corporate/project planning, financial management and tactical planning applicable to the assigned task/project.

Functional Responsibility: Provides technical, cost, schedule, contractual, and administrative oversight and guidance to the technical and support staff responsible for contract and project performance. Coordinates all project tasks and resolves technical, cost, schedule, and contractual issues in conjunction with his government counterparts (COR, PCO, and individual project/task managers).

Minimum Education/Years Experience: A Master's Degree (e.g., M.S., MBA/MPA, MA) plus at least 15 years experience in government or commercial programs, engineering, logistics, acquisition or technical systems

management. A B.S./B.A. plus 18 years experience will meet the requirements. A Ph.D. plus 12 years experience will meet the requirements.

**Commercial Job Title: Project Manager Level III**

**Minimum/General Experience:** General experience which applies to program and contract management, including experience as a manager of either a large, complex project/contract/delivery order or multiple projects/delivery orders. Experience on projects involving basic and applied research and development, project planning, system design, prototypes, test and evaluation, cost estimating and analysis, integrated logistics support, systems maintenance or acquisition and life cycle management. Experience should include oversight or direct management responsibilities including, business management, corporate/project planning, financial management, and planning applicable to the assigned task/project.

**Functional Responsibility:** Provides technical, cost, schedule, contractual, and administrative oversight and guidance to the technical and support staff responsible for contract and project performance. Coordinates all project tasks and resolves technical, cost, schedule, and contractual issues in conjunction with his government counterparts (COR, PCO, and individual project/task managers).

**Minimum Education/Years Experience in Government or Commercial Technical Program Management:**

A Master's Degree (e.g., M.S., MBA/MPA, MA) plus at least 10 years experience in government or commercial programs, engineering, logistics, acquisition or technical systems management. A B.S./B.A. plus 13 years experience will meet the requirements. A Ph.D. plus 7 years experience will meet the requirements.

**Commercial Job Title: Project Manager Level II**

**Minimum/General Experience:** General experience which applies to program and contract management, including experience as a manager of either a large, complex project/contract/delivery order or multiple projects/delivery orders. Experience on projects involving basic and applied research and development, strategic planning, system design, prototypes, test and evaluation, cost estimating and analysis, integrated logistics support, systems maintenance or acquisition and life cycle management. Experience should include oversight or direct management responsibilities including, business management, corporate/project planning, financial management and tactical planning applicable to the assigned task/project.

**Functional Responsibility:** Provides technical, cost, schedule, contractual, and administrative oversight and guidance to the technical and support staff responsible for contract and project performance. Coordinates all project tasks and resolves technical, cost, schedule, and contractual issues in conjunction with his government counterparts (COR, PCO, and individual project/task managers).

**Minimum Education/Years Experience:** A Master's Degree (e.g., M.S., MBA/MPA, MA) plus at least 5 years experience in government or commercial programs, engineering, logistics, acquisition or technical systems management. A B.S./B.A. plus 8 years experience will meet the requirements. A Ph.D. plus 3 years experience will meet the requirements.

**Commercial Job Title: Project Manager Level I**

**Minimum/General Experience:** General experience which applies to program and contract management, including experience as a manager of either a large, complex project/contract/delivery order or multiple projects/delivery orders. Experience on projects involving basic and applied research and development, strategic planning, system design, prototypes, test and evaluation, cost estimating and analysis, integrated logistics support, systems maintenance or acquisition and life cycle management. Experience should include oversight or direct management responsibilities including, business management, corporate/project planning, financial management and tactical planning applicable to the assigned task/project.

**Functional Responsibility:** Provides technical, cost, schedule, contractual, and administrative oversight and guidance to the technical and support staff responsible for contract and project performance. Coordinates all project tasks and

resolves technical, cost, schedule, and contractual issues in conjunction with his government counterparts (COR, PCO, and individual project/task managers).

Minimum Education/Years Experience: A Master's Degree (e.g., M.S., MBA/MPA, MA) plus at least 3 years experience in government or commercial programs, engineering, logistics, acquisition or technical systems management. A B.S./B.A. plus 5 years experience will meet the requirements. A Ph.D. plus 1 year experience will meet the requirements.

Commercial Job Title: **Senior Engineer/Systems Engineer**

Minimum/General Experience: Experienced in the application of intensive and diversified knowledge of mechanical engineering principals and practices in broad areas of assignments and company projects. Makes decisions independently and in conjunction with the project manager on engineering problems and methods for accomplishing assigned projects. Assists the program manager in planning and organizing projects and in leading the technical staff in project accomplishment. Supports the program manager in resolving issues related to the projects and in interfacing with the client.

Functional Responsibility: Plans, schedules, conducts, and coordinates detailed phases of engineering work in a part of a major project or in a total project of moderate to significant scope. Accomplishes tasks involving conventional engineering practices, but also handles a variety of complex issues such as conflicting design requirements, unsuitability of standard materials, and difficult coordination requirements. Requires a broad knowledge of engineering principals and practices and precedents in accomplishing detailed and difficult engineering tasks.

Minimum Education/Years Experience: A Master Degree plus at least 10 years experience in government or commercial programs, engineering, logistics, acquisition or technical systems management. A B.S./B.A. plus 12 years experience will meet the minimum requirements as well. A PHD will reduce the experience requirement to 7 years.

Commercial Job Title: **Engineer/Systems Engineer Level III**

Minimum/General Experience: Experienced in the independent evaluation, selection, and application of standard engineering techniques, procedures, and criteria in accomplishing tasks related to projects and using judgment makes minor adaptations and modifications to standard practices when required to accomplish task and project goals. Assists senior engineers in planning and organizing projects and in leading the junior technical staff in project accomplishment. Supports senior engineers in resolving issues related to the projects and in interfacing with the client staff.

Functional Responsibility: Performs engineering tasks involving conventional types of plans, investigations, surveys, structures, and equipment with relatively few complex features and for which there are sound engineering precedents for guidance and reference. Assignments typically include one or more of the following: equipment design and development, test of materials, market surveys, preparation of specifications, process study, research investigations, report preparation, and other activities of a limited scope requiring knowledge of engineering principals and techniques commonly employed in the areas of assignment.

Minimum Education/Years Experience: A Master's Degree plus at least 4 years experience in government or commercial programs, engineering, logistics, acquisition or technical systems management. A B.S./B.A. plus 7 years experience will meet the minimum requirements. A Ph.D. will reduce the experience requirement to 2 years.

Commercial Job Title: **Engineer/Systems Engineer Level II**

Minimum/General Experience: Experienced in the performance of routine engineering tasks requiring the application of standard techniques, procedures, and criteria in accomplishing tasks related to projects. Works under the direct supervision of engineers or senior engineers. Has exercised limited judgment in making preliminary selections and adaptations of engineering alternatives.

Functional Responsibility: Performs engineering tasks using prescribed engineering methods and practices. Performs specific and limited portions of a broader assignment under the direction of a more experienced engineer. Applies

standard practices and techniques in specific situations, adjusts and correlates data, recognizes discrepancies in results, and follows operations through a series of related detailed steps or processes.

Minimum Education/Year Experience: An Bachelor's Degree (e.g., A.S.) in Engineering, Computer Science, Operations Research, Systems Analysis, Business or a related technical or business field) plus at least 3 years experience in engineering, logistics, acquisition or technical systems management. A Master's Degree in a relevant field will meet the requirement without any formal experience.

Commercial Job Title: **Engineer/Sys Engineer Level I**

Minimum/General Experience: Experienced in the performance of routine engineering tasks requiring the application of standard techniques, procedures, and criteria in accomplishing tasks related to projects. Works under the direct supervision of engineers or senior engineers. Has exercised limited judgment in making preliminary selections and adaptations of engineering alternatives.

Functional Responsibility: Performs engineering tasks using prescribed engineering methods and practices. Performs specific and limited portions of a broader assignment under the direction of a more experienced engineer. Applies standard practices and techniques in specific situations, adjusts and correlates data, recognizes discrepancies in results, and follows operations through a series of related detailed steps or processes.

Minimum Education/Year Experience: A Bachelor's Degree in Engineering, Computer Science, Operations Research, Systems Analysis, Business or a related technical or business field) without any formal experience.

Commercial Job Title: **Senior Analyst/Researcher**

Minimum/General Experience: Experience in developing, testing or operating scientific/engineering/technical systems which applies to planning, concept development and requirement analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance, and life cycle management, of complex systems, models, simulations, or research tools in a scientific or technical environment. Experience should include direct technical responsibilities like planning, analyzing and managing scientific systems and subsystems. This position requires knowledge of system acquisition of scientific or technical systems, models, simulations, operations research tools, or laboratory or security information management systems. Position supports technical task planning, problem identification, methodology development and implementation, task technical performance under the technical supervision of a executive scientific or technical staff member.

Functional Responsibility: Provides independent scientific and technical analysis, advice and services to scientific/engineering/technical and related customers on scientific/engineering/technical systems in a scientific or technical environment. Applies analytical techniques under the supervision of a senior staff member when gathering or using information from others. Drafts task proposal requirements, gathers key information, analyzes data, prepares draft sub-project progress reports, compares technical alternatives and cost options, and supports briefings on the project findings to users and customers.

Minimum Education/Years Experience: A Master's in Science, Engineering or other technical discipline with 5 years of relevant experience will meet the requirement. A Bachelor Degree (e.g. B.S., BA) plus at least 8 years experience in government or commercial programs, scientific/engineering/technical systems or acquisition management will meet the requirement. A Ph.D. will reduce the experience requirement to 3 years. A High School diploma and 15 years relevant experience; or 10 years experience and a 2 year Associates degree will meet the requirement.

Commercial Job Title: **Analyst/Researcher Level III**

Minimum/General Experience: Experience in developing, testing or operating scientific/engineering/technical systems which applies to planning, concept development and requirement analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance, and life cycle management, of complex systems, models, simulations, or research tools in a scientific or technical environment. Experience should include supportive technical responsibilities like planning, analyzing and managing

scientific systems and subsystems. This position requires some knowledge of system acquisition of scientific or technical systems, models, simulations, operations research tools, or laboratory or security information management systems. Position supports technical task planning, problem identification, methodology development and implementation, task technical performance under the technical supervision of a Senior Analyst/Researcher or other executive scientific or technical staff member.

Functional Responsibility: Provides under limited supervision scientific and technical analysis, advice and services to scientific/engineering/technical and related customers on scientific/engineering/technical systems in a scientific or technical environment. Applies analytical techniques under the supervision of a senior staff member when gathering or using information from others. Drafts task proposal requirements, gathers key information, analyzes data, prepares draft sub-project progress reports, compares technical alternatives and cost options, and supports briefings on the project findings to users and customers.

Minimum Education/Years Experience: A Master's in Science, Engineering or other technical discipline with 3 years of relevant experience will meet the requirement. A Bachelor's Degree (e.g. B.S., BA) plus at least 6 years experience in government or commercial programs, scientific/engineering/technical systems or acquisition management will meet the requirement. A Ph.D. will reduce the experience requirement to 2 years. A High School diploma and 12 years relevant experience; or 10 years experience and a 2 year Associate's degree will meet the requirement.

Commercial Job Title: **Analyst/Researcher Level II**

Minimum/General Experience: Experience in developing, testing or operating scientific/engineering/technical systems which applies to planning, concept development and requirement analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance, and life cycle management, of complex systems, models, simulations, or research tools in a scientific or technical environment. Experience should include supportive technical responsibilities like planning, analyzing and managing scientific systems and subsystems. This position requires some knowledge of system acquisition of scientific or technical systems, models, simulations, operations research tools, or laboratory or security information management systems. Position supports technical task planning, problem identification, methodology development and implementation, task technical performance under the technical supervision of a Senior Analyst/Researcher or other executive scientific or technical staff member.

Functional Responsibility: Provides under limited supervision scientific and technical analysis, advice and services to scientific/engineering/technical and related customers on scientific/engineering/technical systems in a scientific or technical environment. Applies analytical techniques under the supervision of a senior staff member when gathering or using information from others. Drafts task proposal requirements, gathers key information, analyzes data, prepares draft sub-project progress reports, compares technical alternatives and cost options, and supports briefings on the project findings to users and customers.

Minimum Education/Years Experience: A Master's in Science, Engineering or other technical discipline with 2 years of relevant experience will meet the requirement. A Bachelor Degree (e.g. B.S., BA) plus at least 5 years experience in government or commercial programs, scientific/engineering/technical systems or acquisition management will meet the requirement. A Ph.D. will reduce the experience requirement to 1 year. A High School diploma and 10 years relevant experience; or 8 years experience and a 2 year Associates degree will meet the requirement.

Commercial Job Title: **Analyst/Researcher Level I**

Minimum/General Experience: Limited experience under direct supervision in developing, testing or operating scientific/engineering/technical systems which applies to planning, concept development and requirement analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance, and life cycle management, of complex systems, models, simulations, or research tools in a scientific or technical environment. This position requires some knowledge of system acquisition of scientific or

technical systems, models, simulations, operations research tools, or laboratory or security information management systems.

**Functional Responsibility:** Provides under direct supervision scientific and technical analysis, advice and services to scientific/engineering/technical and related customers on scientific/engineering/technical systems in a scientific or technical environment. Applies analytical techniques under the supervision of a more senior staff member when gathering or using information from others. Supports drafting of task proposal requirements, gathers key information, analyzes data, supports preparation of draft sub-project progress reports, compares technical alternatives and cost options, and supports briefings on the project findings to users and customers.

**Minimum Education/Years Experience:** A Bachelor Degree (e.g. B.S., BA) with no non academic experience will meet the requirement. An Associate's degree with 3 years relevant experience will meet the requirement. A High School Diploma with 5 years relevant experience will meet the requirement.

Commercial Job Title: **Senior Logistician**

**Minimum/General Experience:** Specific experience which applies to logistics management support of scientific/technical/information/weapon systems including experience as a logistics manager/lead analyst of a project involving scientific/technical/information/weapon systems, life cycle support modeling, or operations research. Has demonstrated responsibility on complex assignments and has managed or provided overall direction and leadership for the performance of logistics management support projects. Experience in scientific/technical/information/weapon system logistics support (e.g., space, radar, aircraft, missile, software, command, control, and communications, ADP systems).

**Functional Responsibility:** Plans, organizes, directs, and conducts scientific/technical/ information/ weapon acquisition support/research tasks on complex projects. Systems are ill defined and require the use of sophisticated analytical/estimating/financial techniques. Has extensive technical responsibility for interpreting, organizing, executing, and coordinating assignments, including the direction of other acquisition support/estimating/research analysts. Work is reviewed by the Program Manager to ensure it satisfies customer needs and complies with the contractor's standards.

**Minimum Education/Years Experience:** A Bachelor's Degree (e.g., B.S., B.A.) plus at least 8 years experience in government or commercial weapons systems, information systems or acquisition management. An MS/MBA/MPA/MA will reduce the education requirement to 5 years. A Ph.D. will reduce the experience requirement to 3 years. A High School diploma and 15 years relevant experience; or 10 years experience and a 2 year Associates degree will meet the requirement.

Commercial Job Title: **Logistician Level III**

**Minimum/General Experience:** Experience which applies to logistics support of scientific/technical/information/weapon systems including experience as a logistics analyst of a project involving scientific/technical/information/weapon systems, life cycle support modeling, or operations research. Has demonstrated responsibility on complex assignments and has provided mid level management for the performance of logistics support projects. Experience in scientific/technical/information/weapon system logistics support (e.g., space, radar, aircraft, missile, software, command, control, and communications, ADP systems).

**Functional Responsibility:** Plans, organizes, directs, and conducts scientific/technical/ information/ weapon systems logistics support/research tasks on complex projects. Systems are ill defined and require the use of sophisticated analytical/estimating/financial techniques. Has some technical responsibility for interpreting, organizing, executing, and coordinating assignments, including the direction of other logistics support/estimating/research analysts. Work is reviewed by the Program Manager or Senior Logistician to ensure it satisfies customer needs and complies with the contractor's standards.

**Minimum Education/Years Experience:** A Bachelor's Degree (e.g., B.S., B.A.) plus at least 5 years experience in government or commercial weapons systems, information systems or acquisition management. An MS/MBS/MPS/MA will reduce the education requirement to 3 years. A Ph.D. will reduce the experience

requirement to 1 year. A High School diploma and 10 years relevant experience; or 8 years experience and a 2 year Associates degree will meet the requirement.

Commercial Job Title: **Logistician Level II**

Minimum/General Experience: Experience which applies to logistics support of scientific/technical/information/weapon systems including experience as a logistics analyst of a project involving scientific/technical/information/weapon systems, life cycle support modeling, or operations research. Has demonstrated responsibility on complex assignments and has provided mid level management for the performance of logistics support projects. Experience in scientific/technical/information/weapon system logistics support (e.g., space, radar, aircraft, missile, software, command, control, and communications, ADP systems).

Functional Responsibility: Plans, organizes, directs, and conducts scientific/technical/ information/ weapon systems logistics support/research tasks on complex projects. Systems are ill defined and require the use of sophisticated analytical/estimating/financial techniques. Has some technical responsibility for interpreting, organizing, executing, and coordinating assignments, including the direction of other logistics support/estimating/research analysts. Work is reviewed by the Program Manager or Senior Logistician to ensure it satisfies customer needs and complies with the contractor's standards.

Minimum Education/Years Experience: A Bachelor's Degree (e.g., B.S., B.A.) plus at least 3 years experience in government or commercial weapons systems, information systems or acquisition management. An MS/MBS/MPS/MA will reduce the education requirement to 2 years. A Ph.D. with no non academic experience will meet the requirement.

Commercial Job Title: **Logistician Level I**

Minimum/General Experience: General knowledge of logistics support of scientific/technical/ information/weapon systems (e.g., space, radar, aircraft, missile, software, command, control, and communications, ADP systems).

Functional Responsibility: Performs simple scientific/technical/weapon systems logistics support tasks and projects. Work is reviewed by a Senior or Mid level technical staff member to ensure it satisfies customer needs and complies with the contractor's standards.

Minimum Education/Years Experience: Minimum Education/Years Experience: A Bachelor Degree (e.g. B.S., BA) with no non academic experience will meet the requirement. An Associates degree with 3 years relevant experience will meet the requirement. A High School Diploma with 5 years relevant experience will meet the requirement.

Commercial Job Title: **Senior Acquisition Analyst**

Minimum/General Experience: Specific experience which applies to acquisition management support of scientific/technical/information/weapon systems including experience as a acquisition manager/lead analyst of a project involving scientific/technical/information/weapon systems, financial modeling, or operations research. Has demonstrated responsibility on complex assignments and has managed or provided overall direction and leadership for the performance of acquisition management support projects. Experience in scientific/technical/information/weapon system acquisition support (e.g., space, radar, aircraft, missile, software, command, control, and communications, ADP systems).

Functional Responsibility: Plans, organizes, directs, and conducts scientific/technical/ information/ weapon acquisition support/research tasks on complex projects. Systems are ill defined and require the use of sophisticated analytical/estimating/financial techniques. Has extensive technical responsibility for interpreting, organizing, executing, and coordinating assignments, including the direction of other acquisition support/estimating/research analysts. Work is reviewed by the Program Manager to ensure it satisfies customer needs and complies with the contractor's standards.

Minimum Education/Years Experience: A Bachelor's Degree (e.g., B.S., B.A.) plus at least 8 years experience in government or commercial weapons systems, information systems or acquisition management. An MS/MBA/MPA/MA will reduce the education requirement to 5 years. A Ph.D. will reduce the experience requirement to 3 years. A High School diploma and 15 years relevant experience; or 10 years experience and a 2 year Associates degree will meet the requirement.

Commercial Job Title: **Acquisition Analyst Level III**

Minimum/General Experience: Experience which applies to acquisition management support of scientific/technical/information/weapon systems including experience as a acquisition analyst of a project involving scientific/technical/information/weapon systems, financial modeling, or operations research. Has demonstrated responsibility on complex assignments and has provided mid level management for the performance of acquisition management support projects. Experience in scientific/technical/information/weapon system acquisition support (e.g., space, radar, aircraft, missile, software, command, control, and communications, ADP systems).

Functional Responsibility: Plans, organizes, directs, and conducts scientific/technical/ information/ weapon acquisition support/research tasks on complex projects. Systems are ill defined and require the use of sophisticated analytical/estimating/financial techniques. Has some technical responsibility for interpreting, organizing, executing, and coordinating assignments, including the direction of other acquisition support/estimating/research analysts. Work is reviewed by the Program Manager or Senior Acquisition Analyst to ensure it satisfies customer needs and complies with the contractor's standards.

Minimum Education/Years Experience: A Bachelor's Degree (e.g., B.S., B.A.) plus at least 5 years experience in government or commercial weapons systems, information systems or acquisition management. An MS/MBS/MPS/MA will reduce the education requirement to 3 years. A Ph.D. will reduce the experience requirement to 1 year. A High School diploma and 10 years relevant experience; or 8 years experience and a 2 year Associates degree will meet the requirement.

Commercial Job Title: **Acquisition Analyst Level II**

Minimum/General Experience: Experience which applies to acquisition management support of scientific/technical/information/weapon systems including experience as a acquisition analyst of a project involving scientific/technical/information/weapon systems, financial modeling, or operations research. Has demonstrated responsibility on complex assignments and has provided mid level management for the performance of acquisition management support projects. Experience in scientific/technical/information/weapon system acquisition support (e.g., space, radar, aircraft, missile, software, command, control, and communications, ADP systems).

Functional Responsibility: Plans, organizes, directs, and conducts scientific/technical/ information/ weapon acquisition support/research tasks on complex projects. Systems are ill defined and require the use of sophisticated analytical/estimating/financial techniques. Has some technical responsibility for interpreting, organizing, executing, and coordinating assignments, including the direction of other acquisition support/estimating/research analysts. Work is reviewed by the Program Manager or Senior Acquisition Analyst to ensure it satisfies customer needs and complies with the contractor's standards.

Minimum Education/Years Experience: A Bachelor's Degree (e.g., B.S., B.A.) plus at least 3 years experience in government or commercial weapons systems, information systems or acquisition management. An MS/MBS/MPS/MA will reduce the education requirement to 2 years. A Ph.D. with no non academic experience will meet the requirement.

Commercial Job Title: **Acquisition Analyst Level I**

Minimum/General Experience: General knowledge of acquisition support of scientific/technical/information/weapon systems (e.g., space, radar, aircraft, missile, software, command, control, and communications, ADP systems).

Functional Responsibility: Performs simple scientific/technical/weapon systems acquisition support tasks and projects. Work is reviewed by a Senior or Mid level technical staff member to ensure it satisfies customer needs and complies with the contractor's standards.

Minimum Education/Years Experience: Minimum Education/Years Experience: A Bachelor Degree (e.g. B.S., BA) with no non academic experience will meet the requirement. An Associates degree with 3 years relevant experience will meet the requirement. A High School Diploma with 5 years relevant experience will meet the requirement.

Commercial Job Title: **Senior Cost Engineer**

Minimum/General Experience: Specific experience which applies to financial management or cost estimating of scientific/technical/information/weapon systems including experience as a financial manager/lead estimator of a project involving weapons systems, information systems, financial modeling, or operations research. Has demonstrated responsibility on complex assignments and has managed or provided overall direction and leadership for the preparation of cost estimates or cost research projects. Experience in scientific/technical/information/weapon system acquisition cost analysis (e.g., space, radar, aircraft, missile, software, command, control, and communications, ADP systems).

Functional Responsibility: Plans, organizes, directs, and conducts weapons systems cost-estimating/research tasks on complex projects. Systems are ill defined and require the use of sophisticated estimating/financial techniques. Has extensive technical responsibility for interpreting, organizing, executing, and coordinating assignments, including the direction of other cost estimating/research analysts. Work is reviewed by the Program Manager to ensure it satisfies customer needs and complies with the contractor's standards.

Minimum Education/Years Experience: A Bachelor's Degree (e.g., B.S., B.A.) plus at least 8 years experience in government or commercial weapons systems, information systems or acquisition management. An MS/MBA/MPA/MA will reduce the education requirement to 5 years. A Ph.D. will reduce the experience requirement to 3 years. A High School diploma and 15 years relevant experience; or 10 years experience and a 2 year Associates degree will meet the requirement.

Commercial Job Title: **Cost Engineer Level III**

Minimum/General Experience: Specific experience which applies to financial management or cost estimating of scientific/technical/information/weapon systems including experience as a financial analyst/estimator on a project involving weapons systems, information systems, financial modeling or operations research. Has demonstrated responsibility on analytical assignments and has provided technical support in the preparation of cost estimates or cost research projects. Experience in scientific/technical/weapon systems acquisition cost analysis (e.g., space, radar, aircraft, missile, software, command, control, and communications, ADP systems).

Functional Responsibility: Performs scientific/technical/weapon systems cost-estimating/research tasks on complex projects. Has technical experience in performing financial analysis, cost estimating, earned value management or cost research. Work is reviewed by a Senior technical staff member to ensure it satisfies customer needs and complies with the contractor's standards.

Minimum Education/Years Experience: A Bachelor's Degree (e.g., B.S., B.A.) plus at least 5 years experience in government or commercial weapons systems, information systems or acquisition management. An MS/MBS/MPS/MA will reduce the education requirement to 3 years. A Ph.D. will reduce the experience requirement to 1 year. A High School diploma and 10 years relevant experience; or 8 years experience and a 2 year Associates degree will meet the requirement.

Commercial Job Title: **Cost Engineer Level II**

Minimum/General Experience: Specific experience which applies to financial management or cost estimating of scientific/technical/information/weapon systems including experience as a financial analyst/estimator on a project involving weapons systems, information systems, financial modeling or operations research. Has demonstrated

responsibility on analytical assignments and has provided technical support in the preparation of cost estimates or cost research projects. Experience in scientific/technical/weapon systems acquisition cost analysis (e.g., space, radar, aircraft, missile, software, command, control, and communications, ADP systems).

Functional Responsibility: Performs scientific/technical/weapon systems cost-estimating/research tasks on complex projects. Has technical experience in performing financial analysis, cost estimating, earned value management or cost research. Work is reviewed by a Senior technical staff member to ensure it satisfies customer needs and complies with the contractor's standards.

Minimum Education/Years Experience: A Bachelor's Degree (e.g., B.S., B.A.) plus at least 3 years experience in government or commercial weapons systems, information systems or acquisition management. An MS/MBS/MPS/MA will reduce the education requirement to 2 years. A Ph.D. with no non academic experience will meet the requirements.

Commercial Job Title: **Cost Engineer Level I**

Minimum/General Experience: General knowledge of financial management or cost estimating of scientific/technical/weapon systems (e.g., space, radar, aircraft, missile, software, command, control, and communications, ADP systems).

Functional Responsibility: Performs simple scientific/technical/weapon systems cost-estimating/research tasks projects. Work is reviewed by a Senior or Mid level technical staff member to ensure it satisfies customer needs and complies with the contractor's standards.

Minimum Education/Years Experience: Minimum Education/Years Experience: A Bachelor Degree (e.g. B.S., BA) with no non academic experience will meet the requirement. An Associates degree with 3 years relevant experience will meet the requirement. A High School Diploma with 5 years relevant experience will meet the requirement.

Commercial Job Title: **Senior Laboratory or Security Analyst**

Minimum/General Experience: Experience in developing or operating scientific/engineering/technical systems which applies to planning, concept development and requirement analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance, and life cycle management, of complex systems, models, simulations, or research tools in a Laboratory or a Security environment. Experience should include direct technical responsibilities like planning, analyzing and managing secure or laboratory systems and subsystems. This position requires knowledge of system acquisition of secure and/or laboratory systems, models, simulations, operations research tools, or laboratory or security information management systems. Position supports technical task planning, problem identification, methodology development and implementation, task technical performance under the technical supervision of a executive technical staff member.

Functional Responsibility: Provides independent technical analysis, advice and services to scientific/engineering/technical and related customers on engineering/technical systems in a laboratory or secure environment. Drafts task proposal requirements, gathers key information, analyzes data, prepares draft sub-project progress reports, compares technical alternatives and cost options, and supports briefings on the project findings to users and customers.

Minimum Education/Years Experience: A High School degree and related Specialized engineering/technical experience of 12 years in a laboratory and/or secure systems environment; or 10 years experience and a 2 year Associates degree in Engineering, Science, Operations Research, Systems Analysis, Business or a related technical or business field; or a Bachelor Degree (e.g. B.S., BA) plus at least 8 years experience in government or commercial program, scientific/engineering/technical systems or acquisition management. An MS/MBA/MPA/MA will reduce the education requirement to 6 years. A PHD will reduce the experience requirement to 3 years.

Commercial Job Title: **Laboratory or Security Analyst Level III**

Minimum/General Experience: Experience in developing or operating scientific/engineering/technical systems which applies to planning, concept development and requirement analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance, and life cycle management, of complex systems, models, simulations, or research tools in a Laboratory or a Security environment. Experience should include direct technical responsibilities like planning, analyzing and managing secure or laboratory systems and subsystems. This position requires knowledge of system acquisition of secure and/or laboratory systems, models, simulations, operations research tools, or laboratory or security information management systems. Position supports technical task planning, problem identification, methodology development and implementation, task technical performance under the technical supervision of a senior technical staff member.

Functional Responsibility: Provides technical analysis, advice and services to engineering/technical and related customers on engineering/technical systems in a laboratory or secure environment. Applies analytical techniques under the supervision of a senior staff member when gathering or using information from others. Drafts task proposal requirements, gathers key information, analyzes data, prepares draft sub-project progress reports, compares technical alternatives and cost options, and supports briefings on the project findings to users and customers.

Minimum Education/Years Experience: A High School degree and related Specialized engineering/technical experience of 10 years in a laboratory and/or secure systems environment; or 8 years experience and a 2 year Associates degree in Engineering, Science, Operations Research, Systems Analysis, Business or a related technical or business field; or a Bachelor Degree (e.g. B.S., BA) plus at least 6 years experience in government or commercial program, engineering/technical systems or acquisition management. An MS/MBA/MPA/MA will reduce the education requirement to 4 years. A PHD will reduce the experience requirement to 1 years.

Commercial Job Title: **Lab or Security Analyst Level II**

Minimum/General Experience: Experience in developing or operating scientific/engineering/technical systems which applies to planning, concept development and requirement analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance, and life cycle management, of complex systems, models, simulations, or research tools in a Laboratory or a Security environment. Experience should include direct technical responsibilities like planning, analyzing and managing secure or laboratory systems and subsystems. This position requires knowledge of system acquisition of secure and/or laboratory systems, models, simulations, operations research tools, or laboratory or security information management systems. Position supports technical task planning, problem identification, methodology development and implementation, task technical performance under the technical supervision of a senior technical staff member.

Functional Responsibility: Provides technical analysis, advice and services to engineering/technical and related customers on engineering/technical systems in a laboratory or secure environment. Applies analytical techniques under the supervision of a senior staff member when gathering or using information from others. Drafts task proposal requirements, gathers key information, analyzes data, prepares draft sub-project progress reports, compares technical alternatives and cost options, and supports briefings on the project findings to users and customers.

Minimum Education/Years Experience: A Bachelor's Degree (e.g. B.S., BA) plus at least 4 years experience in government or commercial program, engineering/technical systems or acquisition management. An MS/MBA/MPA/MA will reduce the education requirement to 2 years. A PHD with no non academic experience will meet the requirement.

Commercial Job Title: **Laboratory or Security Analyst Level I**

Minimum/General Experience: Directly supervised experience in developing or operating scientific/engineering/technical systems which applies to planning, concept development and requirement analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance, and life cycle management, of complex systems, models, simulations, or research tools in a Laboratory or a Security environment. This position requires limited knowledge of system acquisition of secure and/or laboratory systems, models, simulations, operations research tools, or laboratory or security information management systems. Position supports technical task planning, problem identification, methodology development

and implementation, task technical performance under the technical supervision of a mid-level or senior technical staff member.

Functional Responsibility: Provides technical analysis, advice and services to scientific/engineering/technical and related customers on engineering/technical systems in a laboratory or secure environment. Applies analytical techniques under the supervision of a mid-level or senior staff member when gathering or using information from others. Supports the drafting of task proposal requirements, gathers key information, analyzes data, prepares draft sub-project progress reports, compares technical alternatives and cost options, and supports briefings on the project findings to users and customers.

Minimum Education/Years Experience: A Bachelor Degree (e.g. B.S., BA) with no non academic experience will meet the requirement. An Associates degree with 3 years relevant experience will meet the requirement. A High School Diploma with 5 years relevant experience will meet the requirement.

Commercial Job Title: **Senior Chemical/Biological/Nuclear Engineer/Analyst**

Minimum/General Experience: Experience in developing or operating complex chemical, biological or nuclear/radiological engineering/technical systems which applies to planning, concept development and requirement analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance, or life cycle management, of complex systems, models, simulations, or research tools. Experience should include direct technical responsibilities like planning, analyzing and managing chem/bio, or nuclear/radiological, systems and subsystems. This position requires a knowledge of system acquisition of secure and/or laboratory systems, models, simulations, operations research tools, or laboratory or security information management systems. Position supports technical task planning, problem identification, methodology development and implementation, task technical performance under the technical supervision of a senior technical staff member.

Functional Responsibility: Plans and executes complex engineering/technical systems planning, concept development and requirements analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance or life cycle management of complex systems, models, simulations or research tools in support of chemical or biological, or nuclear/radiological, environment technology and systems. Independently applies advanced knowledge of engineering/scientific principles and practices in broad areas of assignments and related fields. Makes decisions independently on technical problems and methods, and represents the project in conferences to resolve important questions, and to plan and coordinate work. Devises new approaches to problems encountered. Uses a wide application of complex principles, theories and concepts in the specific field, plus may have working knowledge of other related disciplines to provide solutions to a wide range of difficult problems; ensures that improvement and/or changes are implemented as specified. Works on extremely complex problems of diverse scope where analysis of situations or data requires evaluation of intangible variance factors. Acts as a technical lead or consultant on various projects; leads the development of intellectual property. Exhibits creativity, foresight and mature judgment in conducting engineering/technical programs/projects. May supervise, coordinate and review the work of a small staff of engineers, scientists and technicians. Estimates personnel needs and schedules and assigns work to meet completion dates; integrates project staffing decisions with overall technical strategy; assists in developing selection/assessment criteria and hiring processes for research/engineering staff.

Minimum Education/Years Experience: A High School degree and related Specialized engineering/technical experience of 15 years in the chemical and/or biological, or nuclear/radiological, environment; or 13 years experience and a 2 year Associates degree in Engineering, Science, Systems Analysis, Business or a related technical or business field); or a Bachelor Degree (e.g. B.S., BA) plus at least 10 years experience in government or commercial program, engineering/technical systems or acquisition management. An MS/MBA/MPA/MA will reduce the experience requirement to 8 years. A PHD will reduce the experience requirement to 5 years.

Commercial Job Title: **Chem/Bio/Nuclear Eng/Analyst Level III**

Minimum/General Experience: Experience in developing or operating chemical, biological or nuclear/radiological, engineering/technical systems which applies to planning, concept development and requirement analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance, or life cycle management, of systems, models, simulations, or research tools. Experience should include some direct technical responsibilities like planning, analyzing and managing chem/bio, or nuclear/radiological, systems and subsystems. Position supports technical task planning, problem identification, methodology development and implementation, task technical performance under the technical supervision of a senior technical staff member.

Functional Responsibility: Plans and executes working in a small team engineering/technical systems planning, concept development and requirements analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance or life cycle management of systems, models, simulations or research tools in support of chemical or biological, or nuclear/radiological, environment technology and systems. Applies knowledge of engineering/scientific principles and practices in broad areas of assignments and related fields. Recommends decisions for senior supervision on technical problems and methods, and may represent the project in conferences to resolve important questions, and to plan and coordinate work. Devises new approaches to problems encountered. Uses a wide application of principles, theories and concepts in the specific field, plus may have working knowledge of other related disciplines to provide solutions to a wide range of difficult problems; ensures that improvement and/or changes are implemented as specified. May supervise, coordinate and review the work of a small staff of engineers, scientists and technicians. Estimates personnel needs and schedules and assigns work to meet completion dates; integrates project staffing decisions with overall technical strategy; assists in developing selection/assessment criteria and hiring processes for research/engineering staff. As an individual researcher or staff specialist, may be assisted on projects by other engineers, scientists, and technicians.

Minimum Education/Years Experience: A Bachelor's Degree (e.g. B.S., BA) plus at least 8 years experience in government or commercial program, engineering/technical systems or acquisition management. An MS/MBA/MPA/MA will reduce the experience requirement to 6 years. A PHD will reduce the experience requirement to 3 years.

Commercial Job Title: **Chem/Bio/Nuclear Eng/Analyst Level II**

Minimum/General Experience: Experience in developing or operating chemical, biological or nuclear/radiological, engineering/technical systems which applies to planning, concept development and requirement analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance, or life cycle management, of systems, models, simulations, or research tools. Experience should include some direct technical responsibilities like planning, analyzing and managing chem/bio, or nuclear/radiological, systems and subsystems. Position supports technical task planning, problem identification, methodology development and implementation, task technical performance under the technical supervision of a senior technical staff member.

Functional Responsibility: Plans and executes working in a small team engineering/technical systems planning, concept development and requirements analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance or life cycle management of systems, models, simulations or research tools in support of chemical or biological, or nuclear/radiological, environment technology and systems. Applies knowledge of engineering/scientific principles and practices in broad areas of assignments and related fields. Recommends decisions to senior supervision on technical problems and methods, and may represent the project in conferences to resolve important questions, and to plan and coordinate work. Devises new approaches to problems encountered. Uses a wide application of principles, theories and concepts in the specific field, plus may have working knowledge of other related disciplines to provide solutions to a wide range of difficult problems; ensures that improvement and/or changes are implemented as specified. May supervise, coordinate and review the work of a small staff of engineers, scientists and technicians. Estimates personnel needs and schedules and assigns work to meet completion dates; integrates project staffing decisions with overall technical strategy; assists in developing selection/assessment criteria and hiring processes for research/engineering staff. As an individual researcher or staff specialist, may be assisted on projects by other engineers, scientists, and technicians.

Minimum Education/Years Experience: A High School degree and related Specialized engineering/technical experience of 10 years in the chemical and/or biological, or nuclear/radiological, environment; or 8 years experience and a 2 year Associates degree in Engineering, Science, Systems Analysis, Business or a related technical or business field); or a Bachelor Degree (e.g. B.S., BA) plus at least 6 years experience in government or commercial program, engineering/technical systems or acquisition management. An MS/MBA/MPA/MA will reduce the experience requirement to 4 years. A PHD will reduce the experience requirement to 1 year.

Commercial Job Title: **Chem/Bio/Nuclear Eng/ Analyst Level I**

Minimum/General Experience: Experience in developing or operating chemical, biological or nuclear/radiological, engineering/technical systems which applies to planning, concept development and requirement analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance, or life cycle management, of systems, models, simulations, or research tools. Experience should include some technical support for developing, testing, operating chem/bio, or nuclear/radiological, systems and subsystems. Position supports technical task planning, problem identification, methodology development and implementation, task technical performance under the technical supervision of a mid-level or technical staff member.

Functional Responsibility: Works in a small team supporting/performing engineering/technical systems planning, concept development and requirements analysis, system design, engineering and integration, test and evaluation, logistics support, development and acquisition, operation and maintenance or life cycle management of systems, models, simulations or research tools in support of chemical or biological, or nuclear/radiological, environment technology and systems. Applies under supervision limited knowledge of engineering/scientific principles and practices in specific areas of assignments and related fields. May recommends decisions for mid-level or senior supervision on technical problems and methods.

Minimum Education/Years Experience: A High School degree and related Specialized engineering/technical experience of 5 years in the chemical and/or biological, or nuclear/radiological, environment; or 3 years experience and a 2 year Associates degree in Engineering, Science, Systems Analysis, Business or a related technical or business field); or a Bachelor Degree (e.g. B.S., BA) plus at least 1 year experience in government or commercial program, engineering/technical systems or acquisition management. An MS/MBA/MPA/MA or a PHD will satisfy the requirement.

Commercial Job Title: **Laboratory Technician**

Minimum/General Experience: Experience in setup, operating, and operator maintenance of chemical/biological, or nuclear/radiological, engineering/technical laboratory instruments and equipment in support of research and developmental projects. Position supports experiments and laboratory demonstrator assembly, setup and operation. Experience in data recording, data analysis, and reporting findings. Prepares equipment, instruments, and experimental consumables. Works under the technical supervision of the Laboratory Manager or a mid-level or technical staff member.

Functional Responsibility: Assists scientists/engineers in sample preparation, processing samples, and accurate measurement and analysis in support of experimentation. Prepares equipment and materials and performs experiments. Calibrates equipment, performs routine maintenance, records data and supports operation of the Laboratory Information Management System. Analyzes results, interprets data, and reports findings. Prepares and applies a variety of specialized solutions and reagents to experimental specimens and records the physical/chemical changes. Maintains careful records of lab activities and enters data in research project database. Prepares charts, graphs, and tables from results of experiments for presentation and/or publication by the research analysts/principal investigator(s).

Minimum Education/Years Experience: A High School degree and related specialized engineering/technical/laboratory experience of 2 years, or 1 year experience and a 2 year Associates degree in Engineering, Science, or a related technical field; or a Bachelor or higher Degree (e.g. B.S., BA) with no non-academic experience will meet the requirement.

Commercial Job Title: **Admin Support Level III**

Functional Responsibility: Typically provides clerical and other administrative support in the area of scheduling, status report, preparation of contract deliverables, and time sheet and expense report assistance. Typically works under the supervision of a project manager or program manager.

Minimum Education/Years Experience: 8 years experience and a 2 year Associate's degree will meet the requirement. Bachelor's Degree (e.g. B.S., BA) with 5 years experience will meet the requirement.

Commercial Job Title: **Admin Support Level II**

Functional Responsibility: Typically provides clerical and other administrative support in the area of scheduling, status report, preparation of contract deliverables, and time sheet and expense report assistance. Typically works under the supervision of a project manager or program manager.

Minimum Education/Years Experience: 4 years experience and a 2 year Associate's degree will meet the requirement. Bachelor's Degree (e.g. B.S., BA) with no non academic experience will meet the requirement.

Commercial Job Title: **Admin Support Level I**

Functional Responsibility: Typically provides clerical and other administrative support in the area of scheduling, status report, preparation of contract deliverables, and time sheet and expense report assistance. Typically works under the supervision of a project manager or program manager.

Minimum Education/Years Experience: a 2 year Associate's degree will meet the requirement.

**ADVANCED CONCEPTS & TECHNOLOGIES  
INTERNATIONAL, LLC**

**GSA AUTHORIZED  
SCHEDULE PRICELIST**

**PROFESSIONAL ENGINEERING SERVICES**

<b>Labor Category</b>	<b>Unit</b>	<b>Year 1/Base</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>
Executive Subject Matter Expert (ESME)	Hourly	\$283.47	\$283.47	\$292.20	\$301.20	\$310.48
Sr Subject Matter Expert (SSME)	Hourly	\$244.07	\$244.07	\$251.59	\$259.34	\$267.32
Subject Matter Expert (SME)	Hourly	\$202.10	\$202.10	\$208.32	\$214.74	\$221.36
Sr. Program Manager	Hourly	\$270.60	\$270.60	\$278.93	\$287.53	\$296.38
Program Manager Level III	Hourly	\$238.88	\$238.88	\$246.24	\$253.82	\$261.64
Program Manager Level II	Hourly	\$192.32	\$192.32	\$198.24	\$204.35	\$210.64
Program Manager Level I	Hourly	\$132.35	\$132.35	\$136.43	\$140.63	\$144.96
Sr. Project Manager	Hourly	\$221.45	\$221.45	\$228.27	\$235.30	\$242.55
Project Manager Level III	Hourly	\$202.52	\$202.52	\$208.76	\$215.19	\$221.82
Project Manager Level II	Hourly	\$162.21	\$162.21	\$167.21	\$172.36	\$177.66
Project Manager Level I	Hourly	\$135.87	\$135.87	\$140.05	\$144.37	\$148.82
Sr Engineer/Systems Engineer	Hourly	\$184.87	\$184.87	\$190.56	\$196.43	\$202.48
Engineer/Systems Engineer Level III	Hourly	\$144.36	\$144.36	\$148.81	\$153.39	\$158.11
Engineer/Systems Engineer Level II	Hourly	\$105.94	\$105.94	\$109.20	\$112.57	\$116.03
Engineer/Systems Engineer Level I	Hourly	\$95.85	\$95.85	\$98.80	\$101.85	\$104.98
Sr Analyst/Researcher	Hourly	\$176.56	\$176.56	\$182.00	\$187.60	\$193.38
Analyst/Researcher Level III	Hourly	\$152.90	\$152.90	\$157.61	\$162.46	\$167.47
Analyst/Researcher Level II	Hourly	\$129.82	\$129.82	\$133.82	\$137.94	\$142.19
Analyst/Researcher Level I	Hourly	\$98.67	\$98.67	\$101.71	\$104.84	\$108.07
Sr Logistician	Hourly	\$184.87	\$184.87	\$190.56	\$196.43	\$202.48
Logistician Level III	Hourly	\$147.48	\$147.48	\$152.02	\$156.70	\$161.53
Logistician Level II	Hourly	\$144.74	\$144.74	\$149.20	\$153.79	\$158.53
Logistician Level I	Hourly	\$103.86	\$103.86	\$107.06	\$110.36	\$113.76
Sr Acquisition Analyst	Hourly	\$184.87	\$184.87	\$190.56	\$196.43	\$202.48
Acquisition Analyst Level III	Hourly	\$140.21	\$140.21	\$144.53	\$148.98	\$153.57

<b>Labor Category</b>	<b>Unit</b>	<b>Year 1/Base</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>
Acquisition Analyst Level II	Hourly	\$125.78	\$125.78	\$129.65	\$133.65	\$137.76
Acquisition Analyst Level I	Hourly	\$98.67	\$98.67	\$101.71	\$104.84	\$108.07
Sr Cost Engineer	Hourly	\$181.75	\$181.75	\$187.35	\$193.12	\$199.07
Cost Engineer Level III	Hourly	\$155.78	\$155.78	\$160.58	\$165.52	\$170.62
Cost Engineer Level II	Hourly	\$137.19	\$137.19	\$141.42	\$145.77	\$150.26
Cost Engineer Level I	Hourly	\$103.86	\$103.86	\$107.06	\$110.36	\$113.76
Senior Laboratory or Security Analyst	Hourly	\$160.98	\$160.98	\$165.94	\$171.05	\$176.32
Lab or Security Analyst Level III	Hourly	\$124.63	\$124.63	\$128.47	\$132.43	\$136.50
Lab or Security Analyst Level II	Hourly	\$100.00	\$100.00	\$103.08	\$106.25	\$109.53
Lab or Security Analyst Level I	Hourly	\$83.08	\$83.08	\$85.64	\$88.28	\$91.00
Sr Chemical/Biological/Nuclear Engineer/Analyst	Hourly	\$218.11	\$218.11	\$224.83	\$231.75	\$238.89
Chem/Bio/Nuclear Eng/Analyst Level III	Hourly	\$157.41	\$157.41	\$162.26	\$167.26	\$172.41
Chem/Bio/Nuclear Eng/Analyst Level II	Hourly	\$124.63	\$124.63	\$128.47	\$132.43	\$136.50
Chem/Bio/Nuclear Eng/Analyst Level I	Hourly	\$86.63	\$86.63	\$89.30	\$92.05	\$94.88
Laboratory Technician	Hourly	\$62.31	\$62.31	\$64.23	\$66.21	\$68.25
Admin Support Level III	Hourly	\$105.09	\$105.09	\$108.33	\$111.66	\$115.10
Admin Support Level II	Hourly	\$81.64	\$81.64	\$84.15	\$86.75	\$89.42
Admin Support Level I	Hourly	\$67.86	\$67.86	\$69.95	\$72.10	\$74.33

Notes:

- 1 - All rates are on-site rates.
- 2 - 3.08% Escalation