

**Federal Supply Service
Authorized Federal Supply Schedule Pricelist**

The Corporation of Mercer University
Mercer Engineering Research Center

**Where Real Problems...
Meet Real Solutions**

Disciplines: Electrical, Chemical and Mechanical for all SINs

Period Covered by Contract: June 2, 2015 – June 1, 2020

Business Size: Other Non-profit Organization

Applicable NAICS Codes: 541330 and 541712



Mercer Engineering Research Center
135 Osgian Boulevard
Warner Robins, GA 31088-7810
Phone - (478) 953-6800 / Facsimile - (478) 953-6807
<http://www.merc-mercer.org>

- 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 GS Advantage!™, a menu-driven database system. The INTERNET address for GSA Advantage!™ is <http://www.gsaadvantage.gov>.
- For more information on ordering from Federal Supply Schedules click on the GSA Schedules button at <http://www.gsa.gov>.



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Mercer Engineering Research Center’s (MERC) full-time staff and modern facility supports research in a multitude of engineering disciplines including mechanical, aerospace, electrical/electronic, software, and human factors. These disciplines are applied to a vast array of requirements arising from all services within the Department of Defense, Defense and non-Defense related commercial sources, and other Government entities. The Electronic & Software Systems Engineering Directorate at MERC is certified as a CMMI Level 3 organization in accordance with the Software Engineering Institute’s (SEI) CMMI standards.



CUSTOMER INFORMATION

1a. Table of Awarded Special Item Number(s):

SIN 871-2	Concept Development and Requirements Analysis
SIN 871-2 (RC)	Concept Development and Requirements Analysis
SIN 871-3	System Design, Engineering and Integration
SIN 871-3 (RC)	System Design, Engineering and Integration
SIN 871-4	Test and Evaluation
SIN 871-4 (RC)	Test and Evaluation
SIN 871-5	Integrated Logistics Support
SIN 871-5 (RC)	Integrated Logistics Support
SIN 871-6	Acquisition and Life Cycle Management
SIN 871-6 (RC)	Acquisition and Life Cycle Management

Note: The RC designation after each SIN indicates Disaster Recovery Purchasing.

1b. Pricelist/Rates: See pages 7 - 8

1c. Labor Category Descriptions/Qualifications: See pages 10 – 18

2. Maximum order: \$1,000,000.00

3. Minimum order: \$100.00

4. Geographic Coverage (delivery area): 48 contiguous states, the District of Columbia, Alaska, Hawaii and Puerto Rico

5. Point(s) of production (city, county, and state or foreign country): Not applicable

6. Discount from list prices or statement of net prices: Prices shown are NET prices; Basic discounts have been deducted

7. Quantity discounts: None

8. Prompt payment terms: Net – 30 days

9a. Notification that Government purchase cards are accepted at or below the micro-purchase threshold:

Accepted Not Accepted

9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold:

Accepted Not Accepted

10. Foreign items (list items by country of origin): None

11a. Time of delivery: Per Delivery Order

11b. Expedited delivery: Not applicable

11c. Overnight and 2-day delivery: Not applicable

11d. Urgent Requirements: Agencies are advised to contact Ms. Andrea Mitchell, Director of Operations, to effect a faster delivery.

12. F.O.B. point(s): Destination Domestic Only

13a. Ordering address:

Mercer Engineering Research Center
135 Osigian Boulevard
Warner Robins, Georgia 31088-7810
Attention: Ms. Andrea D. Mitchell
478/935-6800, FAX 478/953-6807, email amitchell@merc-mercer.org

- 13b. Ordering procedures:** Ordering activities shall use the ordering procedures of FAR 8.405 when placing an order or establishing a BPA for supplies or services.
- 14. Payment address:** Mercer University
1400 Coleman Avenue
Macon, Georgia 31207-0001
Attention: Grants Accounting
- 15. Warranty provision:** None
- 16. Export packing charges:** Not applicable
- 17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level):** Contact Ms. Andrea Mitchell, Director of Operations, to discuss.
- 18. Terms and conditions of rental, maintenance, and repair (if applicable):** Not applicable
- 19. Terms and conditions of installation (if applicable):** Not applicable
- 20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable):** Not applicable
- 20a. Terms and conditions for any other services (if applicable):** Not applicable
- 21. List of service and distribution points (if applicable):** Not applicable
- 22. List of participating dealers (if applicable):** Not applicable
- 23. Preventive maintenance (if applicable):** Not applicable
- 24a. Environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants):** Not applicable
- 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/:** Not applicable
- 25. Data Universal Number System (DUNS) number:** 60 364 6233
- 26. Notification regarding registration in System for Award Management (SAM) database:** MERC is registered in the SAM database.

About MERC

Engineering Areas of Expertise

- Finite Element Modeling
- Finite Element Analysis
- Fatigue Analysis
- Fracture Mechanics
- Damage Tolerance Analysis
- Non-linear Structural Analysis
- Bolted Joint Analysis
- Corrosion Analysis
- Mechanical Design
- Mechanical and Structural Testing
- Mechanical and Structural Reverse Engineering
- Mechanical and Structural Redesign
- Rapid Prototyping
- Test Fixture Design
- Materials Testing
- Precision Measurement
- Aircraft Structural Integrity Programs (ASIP)
- Individual Aircraft Tracking Programs
- Condition-Based Maintenance (CBM)
- Maintenance Data Collection Systems
- Analysis Tools Development
- Maintenance Processes
- Ergonomics Intervention
- Human Factors Design and Simulation
- Biomedical Engineering
- Rehabilitation Engineering
- Return-to-Work Programs
- Accessibility Issues
- Ergonomic Risk Analysis
- Industrial Engineering
- Process Analysis and Design
- Process Improvement
- Workflow Automation
- Electronic Design and Development
- Electronic Analysis
- Electronic Reverse Engineering
- Electronic Redesign
- Automatic Test Equipment (ATE) Design
- Test Program Set (TPS) Development
- Obsolescence/DMS/MS Resolution
- Technical Data Package Development
- Software Design and Development
- Software Re-host (Language and Platform)
- Specialized Algorithm Development
- Database Design and Development
- Data Visualization
- Web-based Applications
- Electronic Warfare (EW) Systems
- Operational Flight Program (OFP) Analysis and Support
- Modeling and Simulations
- RF Threat Analysis
- Systems Engineering
- Systems Integration, Test and Evaluation
- User Interfaces
- Technology Transfer and Insertion
- Feasibility Studies and Analyses
- Computer Based Training and Support

— MERC —

**Where Real Problems...
Meet Real Solutions**

About Mercer University and MERC



Mercer University, founded in 1833, is one of the oldest universities in the South. Mercer has a proud tradition of growth and service as an institution of higher learning and as a vital and contributing member of the regional community.

Mercer Engineering Research Center (MERC) was established in 1987 as an extension of the School of Engineering and has grown from an initial staff of three to a vibrant organization of more than 175 engineers, scientists, logisticians, and business consultants.

Providing a broad range of customer

oriented services to commercial and government clients, MERC’s offerings include systems engineering, electrical, structural and mechanical engineering, information technology, software engineering, various areas of industrial process and equipment design, and logistics consulting and analysis. MERC has successfully performed client services using a variety of contracting methods with values ranging from a few hundred dollars to several million dollars. Client organizations run the gamut from local entrepreneurs to Fortune 500 companies and major governmental organizations, each of which has been served using an approach tailored to their specific needs.

Throughout our nationwide base of customers, MERC has established a solid reputation for identifying problem areas and resolving the problems through engineering analysis, by implementing practical, cost effective solutions that fully satisfy client’s requirements. Our sensitivity to customers’ problems, costs, and schedules arises from the vast hands-on experience of our technical and management staff. This experience results in a timely and economical approach where we apply the best available technologies and methods to resolve deficiencies and address technical requirements while minimizing cost, schedule, and technical risks.

Partial Listing of Previous and Current Clients

- | | |
|---------------------------|---------------------------|
| WR-ALC | Northrop-Grumman |
| U.S. Navy | Raytheon |
| EWOPFAC | OO-ALC |
| University of Florida | AFRES |
| The Boeing Company | E-Systems |
| MCLB Albany | ANG/AATC |
| Hercules Defense | NISEWEST |
| Eglin AFB | General Electric |
| AFSOC | AMECOM |
| Corpus Christi Army Depot | SAIC |
| AFRL | WPAFB |
| L-3 COM | Oklahoma State University |
| DLA | |

Engineering at MERC

Engineering at MERC is structured in two Directorates – The Mechanical & Aerospace Systems Engineering Directorate and the Electronic & Software Systems Engineering Directorate. Projects requiring skills from both MERC Engineering Directorates are staffed as an Integrated Project Team working smoothly and seamlessly to fully address all program requirements. MERC’s engineering and technical experts offer a wealth of knowledge and experience with Department of Defense and commercial systems, equipment, support equipment, and operational and maintenance processes. MERC’s commitment is to provide a full range of professional management, engineering and support services focused on delivering timely and cost effective solutions to our customers. Our mission is to support your mission.

Mercer Engineering Research Center (MERC) Labor Rates
Effective June 2, 2015 through June 1, 2020
SIN Numbers 871-2 Through 871-6
SIN Numbers 871-2 RC Through 871-6 RC

Awarded Labor Category	GSA On-Site Rate	GSA Off-Site Rate
Sr. Scientist/Engineer I – SS1	\$142.77	\$136.80
Sr. Scientist/Engineer II – SS2	\$125.98	\$120.69
Sr. Scientist/Engineer III – SS3	\$110.17	\$105.56
Admin 1 – A1	\$104.92	\$100.52
Admin 2 – A2	\$52.21	\$50.01
Admin 3 – A3	\$40.73	\$39.03
Analyst 1 – AN1	\$94.78	\$90.80
Analyst 2 – AN2	\$80.13	\$76.77
Analyst 3 – AN3	\$71.81	\$68.79
Analyst 4 – AN4	\$66.73	\$63.93
Analyst 5 – AN5	\$57.14	\$54.75
Analyst 6 – AN6	\$52.85	\$50.64
Analyst 7 – AN7	\$49.96	\$47.86
Analyst 8 – AN8	\$44.05	\$42.26
Clerical Support I – C1 **	\$35.13	\$33.65
Clerical Support II – C2 **	\$27.42	\$26.27
Scientist/Engineer I – SE1	\$102.45	\$98.16
Scientist/Engineer II – SE2	\$95.01	\$91.04
Scientist/Engineer III – SE3	\$89.44	\$85.69
Scientist/Engineer IV – SE4	\$84.90	\$81.33
Scientist/Engineer V – SE5	\$79.85	\$76.50
Scientist/Engineer VI – SE6	\$76.13	\$72.92
Scientist/Engineer VII – SE7	\$67.02	\$64.21
Scientist/Engineer VIII – SE8	\$64.42	\$61.72
Scientist/Engineer IX – SE9	\$60.69	\$58.18
Scientist/Engineer X – SE10	\$52.26	\$50.08
Scientist/Engineer XI – SE11	\$44.08	\$42.23
Scientist/Engineer XII – SE12	\$36.31	\$34.79
Technical Support I – TS1**	\$42.32	\$40.54
Technical Support II – TS2**	\$36.31	\$34.79
Technical Support III – TS3**	\$31.13	\$29.83

Mercer Engineering Research Center (MERC) Labor Rates (Continued)

SCA MATRIX		
SCA Eligible Contract Labor Category	SCA Equivalent Code - Title	WD Number
Clerical Support I	01113 – General Clerk II	2005-2139
Clerical Support II	01112 – General Clerk III	2005-2139
Technical Support I	30083 – Engineering Technician III	2005-2139
Technical Support II	30082 – Engineering Technician II	2005-2139
Technical Support III	30081 – Engineering Technician I	2005-2139

“The Service Contract Act (SCA) is applicable to this contract and it includes SCA applicable labor categories. The prices for the indicated SCA labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the matrix. The prices offered are based on the preponderance of where work is performed and should the contractor perform in an area with lower SCA rates, resulting in lower wages being paid, the task order prices will be discounted accordingly.”

MERC Major Attributes

Highly Experience Staff Including Former Military and Government Civilian Staff

Operating Unit of Mercer University

Benefit of Academic Staff from University Reach Back

Proven On-Time and In-Budget Delivery

Non-Profit Business

OEM Independent

CMMI Level 3 Organization

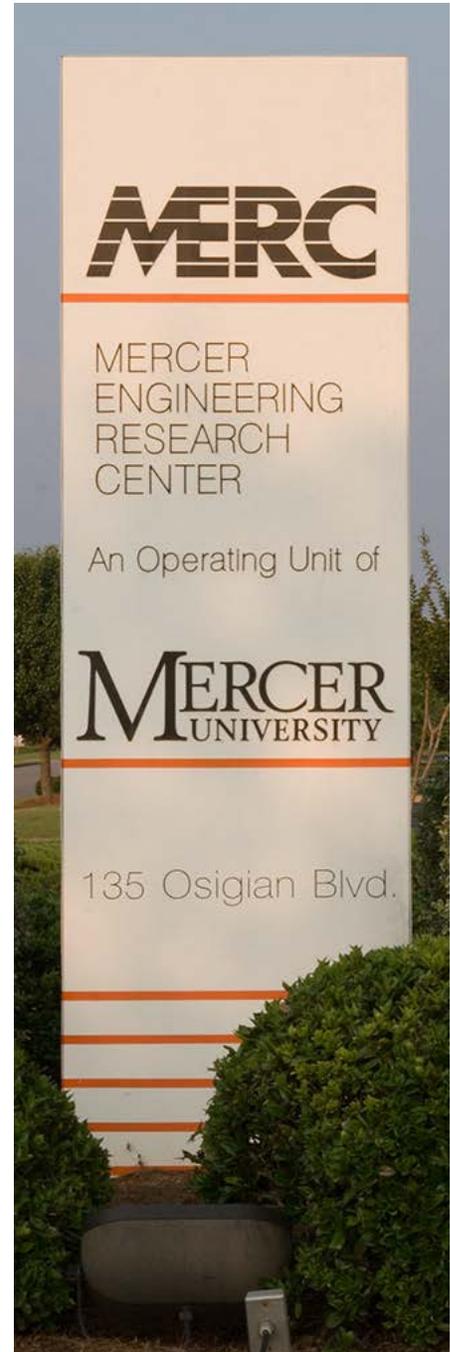
Over 300 Completed Government Contracts

Consistently Superior CPARS

DESCRIPTION OF PROFESSIONAL ENGINEERING SERVICES

The following descriptions identify the primary types of Professional Engineering Services offered by MERC under SIN Numbers 871-2 through 871-6 and 871-2 RC through 871-6 RC.

- Concept Development and Requirements Analysis
 - Abstract /Concept Studies and Analyses
 - Requirements Definition
 - Preliminary Planning
 - Evaluation of Alternatives
- System Design, Engineering and Integration
 - Translation of System/System Upgrade/Mod Concept Into Preliminary/Detailed Design
 - Risk Identification, Analysis, Mitigation, and Traceability
 - Production of a System Prototype/Model
- Test and Evaluation
 - Demonstration that a Prototype System Meets Objectives
 - Prototype/First Article Testing
 - Environmental Testing
 - Independent Verification and Validation
 - Reverse Engineering
 - Simulation and Modeling
 - Quality Assurance
 - Physical Testing
- Integrated Logistics Support
 - Analysis, Planning, Detailed Design of Engineering Specific Logistics Support
 - Ergonomic/Human Performance Analysis
 - Feasibility Analysis
 - Logistics Planning
 - Requirements Determination
 - Policy Standards/Procedures Development
 - Research Studies
 - Long-Term Reliability and Maintainability
- Acquisition and Life Cycle Management
 - Planning, Budgetary, Contract and Systems/Program Management Functions
 - Program/Project Management
 - Technology Transfer/Insertion
 - Training
 - Consulting





PERSONNEL QUALIFICATIONS

The following paragraphs establish the required qualifications for the corresponding labor categories. Registration as a Professional Engineer within the state of principal execution of the task order, in the particular specialty, is considered equivalent to a Bachelor's degree. Equivalents to a Bachelor's or Master's degree are discussed in individual categories or as follows:

When a specific labor category defines an amount of years experience as a substitute for an educational degree, only one degree may be substituted for each defined experience period. If the number of years experience is not provided as a substitute for an educational degree in a labor category, then a minimum of 5 additional years of specialized experience is required. If a request for substitution of two degrees is submitted, then 10 additional years of specialized experience (five for each degree) must be provided in the nominee's work experience documentation (resume'). Additional degrees may be considered as a substitute for a lack of required experience tenure. An additional degree may substitute for the lack of two or fewer required years of experience.

LABOR CATEGORY DESCRIPTIONS FOR PROFESSION ENGINEERING SERVICES

The labor categories below are defined in regard to education, directly related or general and specific experience, and certifications. Certification requirements, where applicable, are specified in the experience description for each labor category. Functional responsibilities performed by a person filling a specific labor category are defined, as well.

Mercer Engineering Research Center

Position Descriptions

Title	Minimum Education	Minimum Experience	Job Description
Senior Scientist/ Engineer I – SS1	Ph.D. in engineering, mathematics or an applied science.	Requires recognition as an expert in a scientific and/or engineering field. Requires a minimum of 20 years combined experience in a management and/or technology leadership role in higher education and the defense research related industry. At least 10 years of experience is required in the defense research related industry. Requires demonstrated leadership in the successful execution of contracts and/or grants from federal agencies, the private sector, and state agencies. This includes successfully meeting all technical, cost, and schedule requirements. Must meet the requirements for academic faculty appointment; and must have excellent communication and people skills.	Provides executive level guidance and approval for the acceptance, negotiation, and execution of contracts at the administrative and/or technology levels. Assigns responsibilities for program and project execution at the directorate and/or department level. Provides counsel and direction at the executive staff level in the execution of the day to day operations.
Senior Scientist/ Engineer II – SS2	Requires an earned Ph.D. and 14 years related experience; or an earned MS, MA, or MBA and 18 years related experience; or an earned BS or BA and 20 years related experience.	Requires a minimum of 10 years combined experience in program and/or executive management. Requires a record of success in sustained positive business and community relations within the Department of Defense (DoD), private industry, and community at large environments.	Responsible for customer and community relations activities of a general nature. Directs customer and community relations activities. Responsible for coordination and execution of the overall customer and community relations efforts; responsible for the continuing positive customer and community relations; and expansion of positive relations in new customer environments. Periodically inquires of customer satisfaction within the customer community. These inquiries are either of a global or project specific nature as appropriate, and include issues concerning technology, costs, schedule, and/or program requirements. Responsible for recommending and /or conducting project and /or procedural reviews in preparation for, or as a result of response to, customer satisfaction inquiries.
Senior Scientist/ Engineer III – SS3	A Ph.D. in engineering, applied science, or mathematics and 10 years of task order related experience; or an M.S. degree in engineering, applied science, or mathematics and 14 years of related experience; or a B.S. degree in engineering, applied science, or mathematics and 18 years of related experience.	Requires recognition as an expert in a scientific and/or engineering field. Ten years supervisory experience is required. Excellent communication skills required. Requires a minimum of 10 years of scientific/engineering experience related to the research and development of advanced studies and products.	Assigned responsibility for portions of broad scientific research and development programs. Involves the application of systems engineering, project planning, project execution and evaluation, and forecasting significance of results for future research. Keeps updated on applicable scientific advances and technical improvements and advises MERC customers in applicable areas. Performs periodic programmatic and technical review of projects assigned to Directorate. Directs, coordinates and evaluates efforts of others whose research assignment is a portion of or related to assigned programs or projects in order to adhere to rigid program or project schedules.

Title	Minimum Education	Minimum Experience	Job Description
Admin 1 – A1	A Ph.D. in business and 10 years of related experience; or an MBA and 14 years of related experience; or a B.A. in business and 16 years of related experience.	Requires 6 years of task order experience in contract management; eight years supervisory experience; and excellent communication skills. Requires experience in development of requirements specifications and testing criteria for Management Information Systems (MIS) intended to support routine business activities in general, and program management activities for scientific/engineering research in particular. Requires a good working knowledge of the Federal Acquisition Regulations (FAR).	Responsible for contract management and administration, including finance, personnel, purchasing, receiving, and the management information required to effect the orderly and legal completion of contracts. Manages administrative, financial, contractual, accounting, purchasing, receiving, personnel, and MIS functions performed in support of contract execution. Responsible for maintenance and archiving of contract files to include all legally required documentation on contract deliverables, modifications, and correspondence. Responsible for all official transactions, both verbal and written, between MERC and the customer contracting officer.
Admin 2 – A2	A Ph.D. in business and 2 years related experience; or an MBA and 4 years of related experience; or a B.A. in business and 6 years of related experience; or no degree and 10 years of related experience with demonstrated success.	Requires 2 years experience in project administration. Requires high degree of proficiency and knowledge of personal computers and computer tools to support program and organizational management. Requires proven capability to effectively use verbal and written communications in support of internal coordination.	Performs administrative support functions for organizational and program management activities under the supervision of organizational managers, program managers, and/or senior engineers. Assists with the development and tracking of program schedules, budgets, resource plans and allocation/contention management. Generates graphics, spreadsheets, databases, reports, and proposals in support of organizational and program management. Promotes the initiation and development of program and organizational management tools along novel lines of approach. Supports the interpretation and evaluation of management data and associated reports. May undertake supervisory coordination of certain student activities and other personnel involved in project administration.
Admin 3 – A3	Requires an MBA and 2 years related experience; or a bachelor's degree in business and 4 years related experience; or a 2 year degree in business or equivalent, with a minimum of 6 years experience with a government contractor; or 9 years related experience with demonstrated success.	Requires high degree of proficiency and knowledge of personal computers. Accounting and finance knowledge is required. Minimum of 2 to 3 years general and administrative experience is required, 5 years preferred. Must be detail oriented.	Performs administrative support functions for administrative and/or program management activities. Support of administrative activities can include monitoring direct contract accounts for the purposes of evaluating program financial status to determine probability of cost/schedule overruns and/or the need to initiate appropriate quality management action; appropriate interpretation of contract terms and conditions, including unique requirements and stipulations, to assure use of correct billing procedures; ensure appropriate expenditure profile to prevent task de-scope; administer general purchasing and accounting procedures to ensure timely requisitioning supplies and payments in support of program cost and schedule requirements; and execution of quality assurance activities to help assure project completion within budget and schedules by monitoring contract completion dates, timely submission of contract deliverables, contract closeout, expenditure profiles, and maintenance of required authorizations for equipment and classified documents. Support of program management activities can include assisting with the development and tracking of program schedules, budgets, resource plans, and allocation/contention management; and supporting generation of graphics, spreadsheets, databases, and reports.
Analyst 1 – AN1	A Ph.D. with a logistics and/or operations research emphasis and 10 years related experience; or a Master's degree and 14 years related experience; or a Bachelor's degree and 18	Requires a minimum of 8 years program management experience. Requires a good working knowledge of modern automated logistics management and/or operations research tools, including expert systems and large	Serves as program or project manager of one or more assigned projects. Provides senior program management and technical leadership to other assigned program and project managers and project teams. Develops and maintains a continuous review, evaluation, and program management accounting of assigned tasks. This includes the responsibility for timely reporting of potential program problem areas to upper management; and for insuring that program information needed by administration personnel

Title	Minimum Education	Minimum Experience	Job Description
	years of related experience; or no degree and 20 years of related experience with demonstrated success.	complex data base structures.	and/or requiring administration personnel action is communicated in a timely manner. Supports assigned personnel in the development of methods of approach and analysis and supervises the execution of assigned projects.
Analyst 2 – AN2	A Ph.D. with a logistics and/or operations research emphasis and 8 years related experience; or a Master's degree and 12 years related experience; or a Bachelor's degree and 14 years of related experience; or no degree and 18 years of related experience with demonstrated success.	Requires a minimum of 6 years program management experience. Requires a good working knowledge of modern automated logistics management and/or operations research tools, including expert systems and large complex data base structures.	Performs advanced research and development in the solution of complex logistics and operations problems on projects and programs of broad scope. Plans methods of approach and analyzes and executes assigned research projects in the solution of advanced problems. Interprets and evaluates data and results of investigations including forecasting the significance of technical results or conclusions for future research and study. Coordinates efforts of others whose research assignment is a portion of or related to assigned duties in order to adhere to rigid program and project schedules. Evaluates and coordinates program plans, technical reports, and integration of system concepts. Prepares and coordinates technical proposals, studies, and program requirements with participants. Functions as technical expert and represents the program or project management with the customer or other designated external agencies.
Analyst 3 – AN3	A Ph.D. with a logistics and/or operations research emphasis and 6 years related experience; or a Master's degree and 8 years related experience; or a Bachelor's degree and 10 years of related experience; or no degree and 16 years of related experience with demonstrated success.	Requires a minimum of 4 years project management experience. Requires a good general working knowledge of modern automated logistics management and/or operations research tools, along with in-depth, expert, knowledge in one or more areas of specialization in logistics or operations research.	Performs and directs advanced analytical research and development in the solution of complex problems on projects and programs in an applicable area of specialization. Serves as the user expert in applicable areas of specialization for the development of requirements specifications, machine-person interface/ human factors, and performance evaluation for the design, test, and implementation of automated tools to support logistics management and/or operations research activities. Designs and delivers training in applicable areas of specialization and/or the use of automated support tools.
Analyst 4 – AN4	A Ph.D. with a logistics and/or operations research emphasis and 2 years related experience; or a Master's degree and 4 years related experience; or a Bachelor's degree and 6 years of related experience; or no degree and 14 years of related experience with demonstrated success.	Requires a minimum of 2 years project management experience. Requires a good general working knowledge of modern automated logistics management and/or operations research tools, along with in-depth, expert, knowledge in an area of specialization in logistics or operations research.	Performs analytical research and development in the solution of complex problems on projects and programs in the applicable area of specialization. Serves as the user expert in applicable areas of specialization in support of the development of requirements specifications, machine-person interface/human factors, and performance evaluation for the design, test, and implementation of automated tools to support logistics management and/or operations research activities. Designs and delivers training in applicable area of specialization and/or the use of automated support tools.
Analyst 5 – AN5	A Ph.D. with a logistics and/or operations research emphasis and 1 year related experience; or a Master's degree and 3 years related experience; or a Bachelor's degree and 5 years of related experience; or no degree and 12 years of related experience with demonstrated success.	Requires a minimum of 1 year project management experience. Requires a general knowledge of selected modern automated logistics management and/or operations research tools, along with in-depth knowledge in an area of specialization in logistics or operations research.	Performs analytical research and development in the solution of complex problems on projects and programs in the applicable area of specialization.

Title	Minimum Education	Minimum Experience	Job Description
Analyst 6 – AN6	A Master's degree with a logistics and/or operations research emphasis and 2 years related experience; or a Bachelor's degree and 4 years of related experience; or no degree and 10 years of related experience with demonstrated success.	Requires a general knowledge in the use of selected modern automated logistics management and/or operations research tools.	Assigned to program or project staff and is responsible for and performs complex, state-of-the-art analytical research and development in the solution of advanced problems on projects and programs in applicable areas. Performs duties with limited guidance from more senior analysts. Under general supervision, performs systems analysis of computer, information, and communications/network systems.
Analyst 7 – AN7	A Master's degree with a logistics and/or operations research emphasis and 1 year of related experience; or a Bachelor's degree and 3 years of related experience; or no degree and 9 years of related experience with demonstrated success.	Requires a general knowledge in the use of selected modern automated logistics management and/or operations research tools.	Responsible for and performs analytical research and development in the solution of problems on projects and programs under the supervision of a more experienced analyst. Under general supervision, supports systems analysis of computer, information, and communications/network systems.
Analyst 8 – AN8	Requires a bachelor's degree with an emphasis in logistics or operations research with 2 years of related experience; or no degree and 8 years of related experience with demonstrated success.	Requires a bachelor's degree with an emphasis in logistics or operations research with 2 years of related experience; or no degree and 8 years of related experience with demonstrated success.	Assigned responsibility for portions of broad analytical research and development programs in the applicable area of expertise which may involve theoretical and experimental study, technical direction and coordination, conception and planning of scientific objectives, and analysis evaluation and solution of technical problems. Performs assigned duties with guidance from more senior analysts. Under supervision, performs systems analysis of computer, information, and communications/network systems.
Clerical Support I – C1	An AS degree or 2 years of college.	Requires 5 years related experience, with at least 3 years experience in an engineering or engineering related environment. Requires the ability to type 55 words a minute with an 85% accuracy ratio, good use of the English language, and word processing proficiency. Basic micro computer knowledge in the areas of word processing, desk top publishing, and spread sheet manipulation required. Knowledge of data base generation and manipulation and/or graphics generation also required.	Provides clerical and secretarial support functions under the supervision of an assigned supervisor. May also support Facility Security Officer in the areas of document control, incoming and outgoing visit requests, and access control.
Clerical Support II – C2	High school diploma.	Requires 4 years experience in data entry, secretarial support, and use of related micro computer programs. Word processing proficiency required. Basic computer knowledge in the area of word processing, desk top publishing, spread sheet manipulation, and data base applications required. Requires the ability to type 55 words a minute	Provides administrative secretarial, data entry, and/or clerical support functions under the supervision of an assigned supervisor. Maintains and updates a previously established technical data base of engineering research and/or program information. Sets up and maintains computer programs and records pertaining to related projects. Maintains filing system for all records and reports on related projects. Uses a word processor to prepare correspondence, reports and related material from rough drafts.

Title	Minimum Education	Minimum Experience	Job Description
		with an 85% accuracy ratio, and a good use of the English Language. Familiarity with engineering and logistic terminology required.	
Scientist/ Engineer I – SE1	A Ph.D. in engineering, applied science, or mathematics and 8 years of task order related experience; or an M.S. degree in engineering, applied science, or mathematics and 12 years of related experience; or a B.S. degree in engineering, applied science, or mathematics and 14 years of related experience.	Requires 6 years program management experience. Requires demonstrated expertise in an engineering or scientific field. Requires a good, general working knowledge of up-to-date automated tool design and application in the area of expertise.	Specifically responsible for program management leadership to accomplish work on assigned tasks. Serves as program or project manager of one or more assigned projects. Provides senior program management and technical leadership to other program and project managers and project teams. Represents MERC, in concert with the assigned Principal Investigators of the specific assigned tasks, with customer and/or supplier technical and program management personnel. Develops and maintains a continuous review, evaluation, and program management accounting of assigned tasks. This includes the responsibility for timely reporting of potential program problem areas to upper management; and for insuring that program information needed by administration personnel and/or requiring administration personnel action is communicated to the Director in a timely manner. Supports assigned personnel in the development of methods of approach and analysis and supervises the execution of assigned projects.
Scientist/ Engineer II – SE2	A Ph.D. in engineering, applied science, or mathematics and 6 years of related experience; or an M.S. degree in engineering, applied science, or mathematics and 8 years of related experience; or a B.S. degree in engineering, applied science, or mathematics and 10 years of related experience.	Experience shall include at least 4 years of program management. Experience must include a demonstrated ability to supervise a group of technical professionals; successfully manage complex technical projects with funding in excess of \$1,000,000; and written and oral presentation skills excellence. Requires demonstrated expertise in an engineering or scientific field. Requires a good, general working knowledge of up-to-date automated tool design and application in the area of expertise.	Normally serves as a group manager and/or technology lead responsible for providing leadership, program management, and technical expertise in the performance of assigned tasking. Serves as project manager of one or more assigned projects. Provides program management and technical leadership to programs and personnel working on assigned tasks.
Scientist/ Engineer III – SE3	A Ph.D. in engineering, applied science, or mathematics and 5 years of task order related, experience; or an M.S. degree in engineering, applied science, or mathematics and 7 years of related experience; or a B.S. degree in engineering, applied science, or mathematics and 9 years of related experience.	Experience shall include at least 4 years of program management. Requires demonstrated expertise in an engineering or scientific field. Requires a good working knowledge of up-to-date automated tool design and application in the area of expertise.	Performs and directs advanced scientific research and development in the solution of complex problems on projects and programs of broad scope. Plans methods of approach and analyzes and executes assigned research projects in the solution of advanced problems. Conducts and performs research on projects by applying advanced research and systems engineering techniques and a thorough mastery of the professional engineering fields involved. Interprets and evaluates data and results of investigations including forecasting the significance of technical results or conclusions for future research and study. Coordinates, evaluates, and directs efforts of others whose research assignment is a portion of or related to assigned duties in order to adhere to rigid program and project schedules. Develops and maintains a continuous review and account of project development. Evaluates and coordinates program plans, technical reports, and integration of system concepts. Prepares and coordinates technical report preparation, studies, and program requirements with participants. Functions as technical expert and represents the program or project management with the customer or other designated external agencies.

Title	Minimum Education	Minimum Experience	Job Description
Junior Scientist/ Engineer IV – SE4	A Ph.D. in engineering, applied science, or mathematics and 4 years of related experience; or an M.S. degree in engineering, applied science, or mathematics and 6 years of related experience; or a B.S. degree in engineering, applied science, or mathematics and 8 years of related experience.	Experience shall include at least 4 years of program management. Requires demonstrated expertise in an engineering or scientific field. Requires a good working knowledge of up-to-date automated tool design and application in the area of expertise.	Performs advanced scientific research and development in the solution of complex problems on assigned projects and programs. Plans methods of approach and analyzes and executes assigned research projects in the solution of advanced problems. Conducts and performs research on projects by applying advanced research and systems engineering techniques and a thorough mastery of the scientific or professional engineering fields involved. Performs duties with limited guidance from more senior engineers.
Junior Scientist/ Engineer V – SE5	A Ph.D. in engineering, applied science, or mathematics and 3 years of related experience; or an M.S. degree in engineering, applied science, or mathematics and 5 years of related experience; or a B.S. degree in engineering, applied science, or mathematics and 7 years of related experience.	Experience shall include at least 2 years of program management. Requires demonstrated expertise in an engineering or scientific field. Requires a good working knowledge of up-to-date automated tool design and application in the area of expertise.	Assigned to program or project staff and is responsible for and performs complex, state-of-the-art engineering research and development in the solution of advanced problems on assigned projects and programs. Performs duties with moderate guidance from more senior engineers.
Junior Scientist/ Engineer VI – SE6	A Ph.D. in engineering, applied science, or mathematics and 2 years of related experience; or an M.S. degree in engineering, applied science, or mathematics and 4 years of related experience; or a B.S. degree in engineering, applied science, or mathematics and 6 years of related experience.	Experience shall include at least 2 years of project management. Requires expertise in an engineering or scientific field. Requires a good working knowledge of up-to-date automated tool design and application in the area of expertise.	Assigned to program or project staff and is responsible for and performs complex, state-of-the-art scientific research and development in the solution of advanced problems on projects and programs of broad scope. Performs duties with guidance from more senior scientists.
Junior Scientist/ Engineer VII – SE7	A Ph.D. in engineering, applied science, or mathematics and 1 year of related experience; or an M.S. degree in engineering, applied science, or mathematics and 3 years of related experience; or a B.S. degree in engineering, applied science, or mathematics and 5 years of related experience.	Requires expertise in an engineering or scientific field. Requires a good working knowledge of up-to-date automated tool design and application in the area of expertise.	Supports the performance of advanced engineering research and development in the solution of complex problems on projects and programs as tasked by more senior scientists.
Junior Scientist/ Engineer VIII – SE8	An M.S. degree in engineering, applied science, or mathematics and 2 years of related experience; or a	Requires expertise in an engineering or scientific field. Requires a working knowledge of up-to-date automated tool design	Supports the performance of more complex engineering research and development in the solution of complex problems on projects and programs as tasked and supervised by more senior principal scientists.

Title	Minimum Education	Minimum Experience	Job Description
	B.S. degree in engineering, applied science, or mathematics and 4 years of related experience.	and application in the area of expertise.	
Junior Scientist/ Engineer IX – SE9	An M.S. degree in engineering, applied science, or mathematics and 1 year of related experience; or a B.S. degree in engineering, applied science, or mathematics and 3 years of related experience.	Requires some expertise in an engineering or scientific field. Requires a working knowledge of applicable automated tool design and application in the area of expertise.	Supports the performance of more advanced engineering research and development in the solution of complex problems on projects and programs as tasked and supervised by principal scientists.
Junior Scientist/ Engineer X – SE10	A B.S. degree in engineering, applied science, or mathematics and 2 years of related experience.	Requires some expertise in a specific area of an engineering or scientific field. Requires familiarity with applicable automated tool design and application in the area of expertise.	Supports the performance of engineering research and development in the solution of complex problems on projects and programs as tasked and supervised by senior scientists.
Junior Scientist/ Engineer XI – SE11	A B.S. degree in engineering, applied science, or mathematics and 1 year of related experience.	Requires capability in a specific area of an engineering or scientific field. Requires a working knowledge of applicable automated tool design and application in the area of expertise.	Supports the performance of advanced engineering research and development in the solution of complex problems on projects and programs as tasked and supervised by staff scientists.
Junior Scientist/ Engineer XII – SE12	A B.S. degree in engineering, applied science, or mathematics.	Requires capability in a specific area of an engineering or scientific field.	Entry level scientist and/or engineer assigned to support more experienced scientists/engineers in execution of their assigned tasking.
Technical Support I – TS1	Requires a bachelor's degree in the applicable area with 2 years experience; or 2 years internship with a Senior Engineer/Scientist/Logistician and 4 years of fieldwork experience; or an associate's degree with the appropriate emphasis and 10 years related experience; or demonstrated capability and 15 years related experience.	Demonstrated capability in applicable technical areas. Areas which may be addressed include software engineering, information systems, electrical/electronic engineering, mechanical engineering to include drafting, and rehabilitation and ergonomic sciences.	Performs research technical support, training and implementation of applicable technologies.
Technical Support II – TS2	An associate's degree or equivalent vocational school training with the appropriate emphasis and 5 years related experience; or demonstrated capability and 10 years related experience.	Demonstrated capability in the respective technical area. Areas which may be addressed include software engineering, information systems, electrical/electronic engineering, mechanical engineering to include drafting, and rehabilitation and ergonomic sciences.	Performs research technical support under the direct supervision of engineers and/or scientists as assigned.

Title	Minimum Education	Minimum Experience	Job Description
Technical Support III – TS3	Requires high school diploma or GED.	Demonstrated capability in the respective technical area.	Provides support to engineers and/or scientists in the areas of computer programming, electrical, electronic, mechanical, or machining assembly, disassembly, repair and maintenance.

