GENERAL SERVICES ADMINISTRATION
FEDERAL SUPPLY SERVICE
AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage! ™, a menu-driven database system. The INTERNET address for GSA Advantage!™ is: http://www.GSAAdvantage.gov.

PROFESSIONAL ENGINEERING SERVICES

FSC GROUP: 87
FSC CLASS: 871
SINs.: 871-1 RC THROUGH 871-6 RC

CONTRACT NO: GS-23F-0128L

For more information on ordering from Federal Supply Schedules click
http://www.fss.gsa.gov

Period Covered by Contract:
03/2/2001 - 03/01/2016

TSM CORPORATION

7622 BARTLETT CORPORATE DRIVE, SUITE 101
BARTLETT, TN 38133-8962

Tele: (901) 373-0300
Fax: (901) 373-0323

Web site: www.TSMCorporation.com
Email address: BusDev@TSMCorporation.com

BUSINESS SIZE: LARGE

CUSTOMER INFORMATION

1. AWARDED SPECIAL ITEM NUMBERS

871-1 RC Strategic Planning for Technology Programs/Activities

871-2 RC Concept Development and Requirements Analysis

871-3 RC System Design, Engineering and Integration

871-4 RC Test and Evaluation

871-5 RC Integrated Logistics Support

871-6 RC Acquisition and Life Cycle Management

2. MAXIMUM ORDER

The total dollar value of any order placed under this contract will be $1,000,000.00. Those exceeding the Maximum Order will be processed in accordance with Clause I-FSS-125.

3. MINIMUM ORDER

$100.00

4. GEOGRAPHIC COVERAGE

The forty-eight (48) contiguous states and the District of Columbia, Alaska, Hawaii, and the Commonwealth of Puerto Rico.

5. POINTS OF PRODUCTION

TSM Corporation
7622 Bartlett Corporate Drive, Suite 101
Bartlett, TN 38133-8962

6. DISCOUNT FROM LIST PRICES OR STATEMENT OF NET PRICE

Prices shown are NET prices; Basic Discounts have been deducted.

7. QUANTITY DISCOUNTS

2% for orders for $750,000.00

8. PROMPT PAYMENT TERMS

1% - 10 days from receipt of invoice or date of acceptance (whichever is later).

9. ACCEPTANCE OF GOVERNMENT CREDIT CARDS

Government purchase cards will be accepted for payments up to the micro-purchase threshold - $2,500.00.

10. FOREIGN ITEMS

None

11. DELIVERY

a. **Delivery Time:** 30 Days after receipt of order (ARO) or as negotiated by agency and contractor.

b. **Urgent Requirements:** When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering agency, agencies are encouraged, if time permits, to contact TSM Corporation for the purpose of obtaining accelerated delivery. TSM Corporation will reply to the inquiry within three (3) work days after receipt. (Telephonic replies will be confirmed by TSM Corporation, in writing). If the company offers an accelerated delivery time acceptable to the ordering agency, any order(s) placed pursuant to the agreed upon accelerated delivery time frame will be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

12. F.O.B. POINTS

Destination

13. ORDERING ADDRESS

TSM Corporation
7622 Bartlett Corporate Drive, Suite 101
Bartlett, TN 38133-8962
Attn: Wendy E. Sanford
Tele: (407) 730-8617
Fax: (407) 650-2741
Email: Wendy.Sanford@TSMCorporation.com

14. PAYMENT ADDRESS

TSM Corporation
7622 Bartlett Corporate Drive, Suite 101
Bartlett, TN 38133-8962
Attn: Accounts Receivable
Tele: (901) 373-0300
Fax: (901) 373-0323
Email: Mary.Cowart@TSMCorporation.com

15. WARRANTY PROVISION

Y2K Compliant

16. EXPORT PACKING CHARGES

Not Applicable

17. TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE

The Government purchase card may be used for payment in excess of the micro-purchase threshold of $2,500 if the using agency and contractor agree.

18. DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER

096073705

19. NOTIFICATION REGARDING REGISTRATION IN CENTRAL CONTRACTOR REGISTRATION (CCR) DATABASE

TSM Corporation is current with its CCR registration.

20. CAGE CODE

9R448

21. TAXPAYER IDENTIFICATION NUMBER

62-1044495

871-1 RC STRATEGIC PLANNING FOR TECHNOLOGY PROGRAMS/ ACTIVITIES

Services required under this SIN involve the definition and interpretation of high-level organizational engineering performance requirements such as projects, systems, missions, etc., and the objectives and approaches to their achievement. Typical associated tasks include, but are not limited to, an analysis of mission, program goals and objectives, requirements analysis, organizational performance assessment, special studies and analysis, training, privatization, and outsourcing.

Example: The evaluation and preliminary definition of new and/or improved performance goals for navigation satellites - such as launch procedures and costs, multi-user capability, useful service life, accuracy, and resistance to natural and man-made electronic interference.

Inappropriate use of this SIN is providing professional engineering services not specifically related to strategic planning for technology programs/activities and its associated discipline.

871-2 RC CONCEPT DEVELOPMENT AND REQUIREMENTS ANALYSIS

Services required under this SIN involve abstract or concept studies and analyses, requirements definition, preliminary planning, evaluation of alternative technical approaches, and associated costs for the development or enhancement of high-level general performance specifications of a system, project, mission, or activity. Typical associated tasks include, but are not limited to, requirements analysis, cost/cost-performance trade-off analysis, feasibility analysis, regulatory compliance support, technology conceptual designs, training, privatization, and outsourcing.

Example: The development and analysis of the total mission profile and life cycle of the improved satellite including examination of performance and cost tradeoffs.

Inappropriate use of this SIN is providing professional engineering services not specifically related to concept development and requirements analysis and its associated disciplines.

871-3 RC SYSTEM DESIGN, ENGINEERING AND INTEGRATION

Services required under this SIN involve the translation of a system (or subsystem, program, project, or activity) concept into a preliminary and detailed design (engineering plans and specifications), performing risk identification/analysis/mitigation, and traceability, and then integrating the various components to produce a working prototype or model of the system. Typical associated tasks include, but are not limited to, computer-aided design, design studies and analysis, high-level detailed specification

preparation, configuration management and document control, fabrication, assembly and simulation, modeling, training, privatization, and outsourcing.

Example: The navigation satellite concept produced in the preceding stage will be converted to a detailed engineering design package, performance will be computer simulated, and a working model will be built for testing and design verification.

Inappropriate use of this SIN is providing professional engineering services not specifically related to concept development and requirements analysis and its associated disciplines.

871-4 RC TEST AND EVALUATION

Services required under this SIN involve the application of various techniques demonstrating that a prototype system (subsystem, program, project or activity) performs in accordance with the objectives outlined in the original design. Typical associated tasks include, but are not limited to, testing of a prototype and first article(s) testing, environmental testing, independent verification and validation, reverse engineering, simulation and modeling (to test the feasibility of a concept), system safety, quality assurance, physical testing of the product or system, training, privatization, and outsourcing.

Example: The navigation satellite working model will be subjected to a series of tests, which may simulate and ultimately duplicate its operational environment.

Inappropriate use of this SIN is providing professional engineering services not specifically related to testing and evaluating and its associated disciplines.

871-5 RC INTEGRATED LOGISTICS SUPPORT

Services required under this SIN involve the analysis, planning, and detailed design of all engineering specific logistics support including material goods, personnel, and operational maintenance and repair of systems throughout their life cycles. Typical associated tasks include, but are not limited to, ergonomic/human performance analysis, feasibility analysis, logistics planning, requirements determination, policy standards/procedures development, long-term reliability and maintainability, training, privatization, and outsourcing.

Example: The full range of life cycle logistics support for the navigation satellite will be identified and designed in this stage including training, operation and maintenance requirements, and replacement procedures.

Inappropriate use of this SIN is providing professional engineering services not specifically related to integrated logistics support and its associated disciplines.

871-6 RC ACQUISITION AND LIFE CYCLE MANAGEMENT

Services required under this SIN involve all of the planning, budgetary, contract, and systems/program management execution functions required to procure and/or produce, render operational, and provide life cycle support (maintenance, repair, supplies, and engineering-specific logistics) to technology-based systems, activities, subsystems, projects, etc. Typical associated tasks include, but are not limited to, operation and maintenance, program/project management, technology transfer/insertion, training, privatization, and outsourcing.

Example: During this stage, the actual manufacturing, launch, and performance monitoring of the navigation satellite will be assisted through project management, configuration management, reliability analysis, engineering retrofit improvements, and similar functions.

Inappropriate use of this SIN is professional engineering services not specifically related to acquisition and life cycle management and associated disciplines.

ORDERING PROCEDURES FOR SERVICES

Procedures for services priced on GSA schedules at hourly rates

FAR 8.402 contemplates that GSA may occasionally find it necessary to establish special ordering procedures for individual Federal Supply Schedules or for some Special Item Numbers (SINs) within a schedule. GSA has established special ordering procedures for services that are priced on precedence over the procedures in FAR 8.404.

The GSA has determined that the rates for services contained in the contractor's price list applicable to this schedule are fair and reasonable. However, the ordering office using this contract is responsible for considering the level of effort and mix of labor proposed to perform specific task being ordered and for making a determination that the total firm-fixed price or ceiling price is fair and reasonable.

When ordering services, ordering offices shall -

I. Prepare a Request for Quotes:

A. A performance-based statement of work that outlines, at a minimum, the work to be performed, location of work, period of performance, deliverable schedule, applicable standards, acceptance criteria, and any special requirements (i.e., security clearances, travel, special knowledge, etc.) should be prepared.

B. A request for quotes should be prepared, which includes the performance-based statement of work and requests the contractors to submit either a firm-fixed price or a ceiling price to provide the services outlined in the statement of work. A firm-fixed price order shall be requested, unless the ordering office makes a determination that it is not possible at the time of placing the order to estimate accurately the extent or duration of the work or to anticipate cost with any reasonable degree of confidence. When such a determination is made, a labor hour or time-and-materials quote may be requested. The firm-fixed price shall be based on the hourly rates in the schedule contract and shall consider the mix of labor categories and level of effort required to perform the services described in the statement of work. The firm-fixed price of the order should also include any travel costs or other incidental costs related to performance of the services ordered, unless the order provides for reimbursement of travel costs at the rates provided in the Federal Travel or Joint Travel Regulations. A ceiling price must be established for labor-hour and time-and-materials orders.

C. The request for quotes may request the contractors, if necessary or appropriate, to submit a project plan for performing the task and information on the contractor's experience and/or past performance performing similar tasks.

D. The request for quotes shall notify the contractors what basis will be used for selecting the contractor to receive the order. The notice shall include the basis for determining whether the contractors are technically qualified and provide an explanation regarding the intended use of an experience and/or past

performance information in determining technical acceptability of responses.

II. Transmit the Request for Quotes to Contractors:

A. Based upon an initial evaluation of catalogs and price lists, the ordering office should identify the contractors that appear to offer the best value (considering the scope of services offered, hourly rates, and other factors such as contractors' locations, as appropriate).

B. The request for quotes should be provided to three (3) contractors if the proposed order is estimated to exceed the micro-purchase threshold, but not exceed the maximum order threshold. For proposed orders exceeding the maximum order threshold, the request for quotes should be provided to additional contractors that offer services that will meet the agency's needs. Ordering offices should strive to minimize the contractor's costs associated with responding to requests for quotes for specific orders. Requests should be tailored to the minimum level necessary for adequate evaluation and selection for order placement. Oral presentations should be considered, when possible.

III. Evaluate quotes and select the contractor to receive the order:

After responses have been evaluated against the factors identified in the request for quotes, the order should be placed with the schedule contractor that represents the best value and results in the lowest overall cost alternative (considering price, special qualifications, administrative costs, etc.) to meet the Government's needs.

The establishment of Federal Supply Schedule Blanket Purchase Agreements (BPAs) for recurring services is permitted when the procedures outlined herein are followed. All BPAs for services must define the services that may be ordered under the BPA, along with delivery or performance time frames, billing procedures, etc. The potential volume of orders under BPAs, regardless of the size of individual orders, may offer the ordering office the opportunity to secure volume discounts. When establishing BPAs ordering offices shall -

Inform contractors in the request for quotes (based on the agency's requirement) if a single BPA or multiple BPAs will be established, and indicate the basis that will be used for selecting the contractors to be awarded the BPAs.

A. SINGLE BPA: Generally, a single BPA should be established when the ordering office can define the tasks to be ordered under the BPA and establish a firm-fixed price or ceiling price for individual tasks or services to be ordered. When this occurs, authorized users may place the order directly under the established BPA when the need for service arises. The schedule contractor that represents the best value and results in the lowest overall cost alternative to meet the agency's needs should be awarded the BPA.

B. MULTIPLE BPAs: When the ordering office determines multiple BPAs are needed to meet its requirements, the ordering office should determine which contractors can meet any technical qualifications before establish the BPAs. When multiple BPAs are established, the authorized users must follow the procedures in II.B above, and then place the order with the Schedule contractor that represents the best value and results in the lowest overall cost alternative to meet the agency's needs.

IV. Review BPAs periodically. Such reviews shall be conducted at least annually. The purpose of the review is to determine whether the BPA still represents the best value (considering price, special qualifications, etc.) and results in the lowest overall cost alternative to meet the agency's needs.

V. The ordering office should give preference to small business concerns when two or more contractors can provide the services at the same firm-fixed price or ceiling price.

VI. When the ordering office's requirement involves both products as well as professional services, the ordering office should total the prices for the products and the firm-fixed price for the services and select the contractor that represents the greatest value in terms of meeting the agency's total needs.

VII. The ordering office, at a minimum, should document orders by identifying the contractor the services were purchased from, the services purchased, and the amount paid. If other than a firm-fixed price order is placed, such documentation should include the basis for the determination to use a labor-hour or time-and-materials order. For agency requirements in excess of the micro-purchase threshold, the order file should document the evaluation of Schedule contractor's quotes that formed the basis for the selection of the contractor that received the order and the rationale for any trade-offs made in making the selection.

Procedures for fixed prices on GSA Schedule

The ordering procedures set forth at FAR 8.404 should be used for those services based on fixed prices. The contractor is advised that based on the specific task identified at the task order level, it may use Clause 552.238-75, Price Reduction, to provide a proposed fixed price to the agency to more accurately reflect the actual work required.

PROFESSIONAL ENGINEERING SERVICES LABOR RATES
SINs 871-1 RC THROUGH 871-6 RC

OPTION TWO (2) - RATE SCHEDULE
SINs 871-1 RC THROUGH 871-6 RC
Pricelist Covered through Modification PS-0015, dated April 17, 2013

HOURLY RATES FOR SERVICES
SINs 871-1 RC, 871-2 RC, 871-3 RC, 871-4 RC, 871-5 RC, AND 871-6 RC

Labor Categories	3/2/2011 - 3/1/2012	3/2/2012 - 3/1/2013	3/2/2013 - 3/1/2014	3/2/2014 - 3/1/2015	3/2/2015 - 3/1/2016
Program Manager	$152.36	$155.41	$158.52	$161.69	$164.92
Senior Engineer/Analyst	$152.36	$155.41	$158.52	$161.69	$164.92
Engineer/Analyst	$115.41	$117.72	$120.07	$122.47	$124.92
Junior Engineer/Analyst	$84.01	$85.69	$87.40	$89.15	$90.93
Training Specialist	$71.11	$71.11	$71.11	$71.11	$71.11
Logistics Engineer	$74.89	$76.39	$77.92	$79.48	$81.07
Logistics Support Specialist	$57.13	$57.13	$57.13	$57.13	$57.13
Configuration Management Specialist	$41.95	$42.79	$43.65	$44.52	$45.41
Technical Writer Editor	$56.43	$57.56	$58.71	$59.88	$61.08
Technical Typist/Graphic Artist	$42.41	$43.26	$44.13	$45.01	$45.91
Draftsperson/Engineering Assistant	$39.13	$39.13	$39.13	$39.13	$39.13
Technician	$60.55	$60.55	$60.55	$60.55	$60.55
Software Engineer	$96.21	$98.13	$100.09	$102.09	$104.13
Software Developer	$67.68	$69.03	$70.41	$71.82	$73.26
Consultant	$182.79	$186.45	$190.18	$193.98	$197.86

Annual Escalation Factor: Annual Escalation Factor has been applied to rates shown.

SCA WAGE DETERMINATION TABLE

TSM Corporation has determined the awarded labor categories listed in the matrix below are subject to the Service Contract Act (SCA). The matrix provides our SCA Eligible Contract Labor Categories mapped to their SCA Equivalent Code-Title, along with the Wage Determination (WD) Number, Revision and Date. Prices for the SCA eligible labor categories meet or exceed those in the WDs listed in the matrix.

TSM understands that escalation for the SCA labor categories will be governed by only one method. The method TSM chooses is to have escalation based on clause 52.222-43, Fair Labor Standards Act and Service Contract Act – Price Adjustment (Multiple Year and Option Contracts).

SCA Eligible Contract Labor Category	SCA Equivalent Code-Title	WD Number, Revision, Date
Training Specialist	15010-Aircrew Training Devices Instructor (Non-Rated)	05-2513_Rev 10_09-09-2010
	15030-Aircrew Training Devices Instructor Pilot	05-2513_Rev 10_09-09-2010
	15060-Educational Technologist	05-2513_Rev 10_09-09-2010
Logistics Support Specialist	21030-Material Coordinator	05-2057_Rev 11_06-15-2010 05-2115_Rev 10_08-03-2010 05-2513_Rev 10_09-09-2010
Draftsperson/ Engineering Assistant	14043-Computer Operator III	05-2057_Rev 11_06-15-2010 05-2115_Rev 10_08-03-2010 05-2513_Rev 10_09-09-2010
	01270-Production Control Clerk	05-2057_Rev 11_06-15-2010 05-2115_Rev 10_08-03-2010 05-2513_Rev 10_09-09-2010
Technician	23021-Aircraft Mechanic I	05-2057_Rev 11_06-15-2010 05-2115_Rev 10_08-03-2010 05-2513_Rev 10_09-09-2010
	23022-Aircraft Mechanic II	05-2057_Rev 11_06-15-2010 05-2115_Rev 10_08-03-2010 05-2513_Rev 10_09-09-2010
	23023-Aircraft Mechanic III	05-2057_Rev 11_06-15-2010 05-2115_Rev 10_08-03-2010 05-2513_Rev 10_09-09-2010

The SCA is applicable to this contract and includes SCA applicable labor categories. The prices for the indicated SCA labor categories are based on the U.S. Department of Labor Wage Determination Numbers identified in the matrix. The prices offered are based on the preponderance of where work is performed, and should work be performed in an area with lower SCA rates, resulting in lower wages being paid, the task order prices will be discounted accordingly.

LABOR CATEGORIES

1. Commercial Job Title: Program Manager

Minimum/General Experience: Ten (10) years as the overall manager and administrator for a contract of equal size and complexity. Demonstrated ability to provide long-term program planning, organization, management, and control. Demonstrated capability in the system analysis, planning, programming, budgeting, budget execution, administration, and management of complex programs. Ability to nurture a consolidated and coordinated infrastructure that facilitates communication and cooperation between and among customer and contractor personnel. Demonstrated ability to effectively communicate orally and in writing.

Functional Responsibility: Serves as the overall manager and administrator for the contract effort. Primary interface and point of contract with Government program management representatives on program/project and contract administration issues. Supervises all projects by developing management procedures and controls, planning and directing project execution, and monitoring and reporting progress. Manages and controls all financial and administrative aspects of all projects with respect to contract requirements.

Licenses and Certifications: When called for by the order, must be a licensed engineer. When required, must be certified for specialized requirements cited in the order.

Minimum Education: Bachelor's degree in an engineering, mathematics, science, or management discipline from an accredited college or university and ten (10) years experience, or experience through an organizational position representative of a program manager for a program of the same complexity with an Associate’s degree and an additional two (2) years of experience.

2. Commercial Job Title: Senior Engineer/Analyst

Minimum/General Experience: Six (6) years of increasingly complex and progressive experience in performing systems analysis, development, and implementation of business, mathematical, or scientific settings using a variety of engineering or technology resources. Demonstrated experience with current technologies and emerging technologies, or demonstrated ability to provide long-term program planning, organization, management, and control. Demonstrated capability in the system analysis, planning, programming, budgeting, budget execution, administration, and management of complex programs. Ability to nurture an infrastructure that facilitates communication and cooperation between and among project personnel. Demonstrated ability to effectively communicate orally and in writing.

Functional Responsibility: Formulates and defines specifications for system design or modifies and maintains existing applications using engineering principles and standards. Executes design, fabrication, installation, testing, and documentation. Responsible for overall integration of sophisticated operation and maintenance routines, interdisciplinary networking, and advanced mathematical/scientific constructs. Instructs, directs, and checks the work of other task personnel. Responsible for quality assurance review and evaluation of existing and new designs and products, or serves as the manager and administrator for the project effort. Primary interface and point of contact with Government project representatives on project issues. Supervises by planning and directing project execution, and monitoring and reporting progress. Manages and controls financial and administrative aspects of the project with respect to order requirements.

Licenses and Certifications: When called for by the order, must be a licensed engineer. When required, must be certified for specialized requirements cited in the order.

Minimum Education: Bachelor's degree from an accredited college or university and six (6) years experience. A curriculum of major field of study that provides substantial knowledge useful in managing large, complex engineering or scientific projects and is closely related to the work, and/or a physical science, engineering, or a mathematics-intensive discipline. Associate’s degree and an additional two (2) years relevant experience may be substituted for the Bachelor’s degree.

3. Commercial Job Title: Engineer/Analyst

Minimum/General Experience: Four (4) years of increasingly complex and progressive experience in performing analysis, development, and implementation of engineering, mathematical, or scientific settings using a variety of engineering and technology resources. Demonstrated experience with current technologies and emerging technologies in the assigned SIN.

Functional Responsibility: Applies specifications for engineering applications or modifies and maintains existing applications using information supplied by others. Executes design, fabrication, testing, and documentation. Responsible for applications dealing with operation and maintenance routines, communication, networking, and related mathematical/scientific applications.

Licenses and Certifications: When called for by the order, must be a licensed engineer. When required, must be certified for specialized requirements cited in the order.

Minimum Education: Bachelor's degree from an accredited college or university and four (4) years experience. A curriculum of major field of study that provides substantial knowledge useful in managing large, complex engineering projects and

is closely related to the work, and/or in a physical science, engineering, or a mathematics-intensive discipline. Associate's degree and an additional two (2) years relevant experience may be substituted for the Bachelor's degree.

4. **Commercial Job Title:** Junior Engineer/Analyst

Minimum/General Experience: Two (2) years of experience in performing development and implementation of business, mathematical, or scientific settings using a variety of engineering and technology resources. Demonstrated experience with current technologies and emerging technologies in the assigned SIN.

Functional Responsibility: Applies specifications for engineering applications or modifies and maintains existing applications under the immediate supervision of others. Executes design, fabrication, testing, and documentation development under the supervision of others.

Licenses and Certifications: When called for by the order, must be a licensed engineer. When required, must be certified for specialized requirements cited in the order.

Minimum Education: Bachelor's degree from an accredited college or university and two (2) years experience. A curriculum of major field of study that provides substantial knowledge useful in managing engineering and technical projects, and is closely related to the work, and/or in a physical science, engineering, or a mathematics-intensive discipline. Associate's degree and an additional two (2) years relevant experience or a high school diploma and an additional six (6) years relevant experience may be substituted for the Bachelor's degree.

5. **Commercial Job Title:** Training Specialist

Minimum/General Experience: Four (4) years of experience in applied educational and/or training experience with specialized knowledge in instructional systems development (ISD) and training systems applications. Possesses knowledge of various scientific and engineering fields which contribute to training material analysis and development, specifically engineering, physical sciences, operations research, systems analysis, and computer sciences.

Functional Responsibility: Develops course materials including computer-based training (CBT) using ISD principles. Provides guidance to project personnel in selected areas of training systems development, training research, and human factors. Where appropriate, serves as a team leader and principal investigator for ISD support projects involving training systems analysis. Serves as a quality assurance specialist/consultant in support of ISD support projects.

Minimum Education: Bachelor's degree in instructional technology, or educational, industrial, or experimental psychology from an accredited college or

university. Associate's degree and an additional two (2) years related experience or a high school diploma and an additional four (4) years related experience may be substituted for the Bachelor's degree.

6. **Commercial Job Title:** Logistics Engineer

Minimum/General Experience: Four (4) years of experience in applied logistics, during which knowledge has been acquired in engineering support applications. Possesses knowledge of various logistical elements that contribute to integrated logistics support. Demonstrated ability to work with experts who contribute to the integrated logistics process and logistical systems development, specifically disciplines from engineering, physical sciences, operations research, system analysis, and computer sciences. Demonstrated experience in project planning and management of logistical systems acquisition and life-cycle support processes.

Functional Responsibility: Defines specifications for logistical system design or modifies and maintains existing applications using logistics engineering principles and standards. Executes design, fabrication, installation, testing, and documentation. Responsible for overall integration of logistics operation and support routines, interdisciplinary networking, and advanced mathematical/statistical constructs. Directs and checks the work of other task logistical personnel. Responsible for quality assurance review and evaluation of existing and new logistical designs and products, or serves as the manager and administrator for the project logistical effort. Primary interface and point of contact with Government project representatives on project logistical issues. Supervises by planning and directing project logistical elements, and monitoring and reporting progress.

License and Certifications: When called for by the order, must be certified for specialized requirements cited in the order.

Minimum Education: Bachelor's degree from an accredited college or university and four (4) years experience. A curriculum or major field of study that provides substantial knowledge useful in managing large, complex logistic engineering or scientific projects, and is closely related to the work, and/or a logistics, statistics, physical science, engineering, or a mathematics-intensive discipline. Associate's degree and an additional two (2) years relevant experience or a high school diploma and an additional six (6) years relevant experience may be substituted for the Bachelor's degree.

7. **Commercial Job Title:** Logistics Support Specialist

Minimum/General Experience: Four (4) years experience in logistics support. Experience should include; configuration management of a modern, complex Government system, software configuration management, change control for a modern complex Government system, configuration and logistic baseline status

accounting, and status accounting and auditing controls.

Functional Responsibility: Administers elements of the logistic process including configuration, software, change control, baseline status, and status accounting controls. Monitors and administers resources to ensure availability to meet system needs. Maintains currency and studies vendor logistic elements to determine which configuration best meet client needs.

Minimum Education: Associate's degree from an accredited institution in logistics, statistics, mathematics, engineering, or physical sciences. High school diploma and an additional two (2) years relevant experience may be substituted for the Associate's degree.

8. Commercial Job Title: Configuration Management Specialist

Minimum/General Experience: Four (4) years of experience in applied Configuration Management, during which knowledge has been acquired in complex electronic system applications. Possesses knowledge of various logistical elements that contribute to integrated logistics support. Demonstrated ability to work with experts who contribute to the integrated logistics process and logistical systems development, specifically disciplines from engineering, physical sciences, operations research, systems analysis, and computer sciences. Demonstrated experience in project planning and management of Configuration Management elements and life-cycle support processes.

Functional Responsibility: Develops and implements configuration management plans and procedures. Develops and maintains configuration tracking records. Executes and manages physical configuration audits to monitor, evaluate, and substantiate integrated logistics support at current configuration levels. Executes modernization management controls to maintain integrated logistics support at the appropriate levels. Directs and checks the work of other task configuration personnel. Primary interface and point of contact with Government project representatives on project configuration issues. Supervises by planning and directing project configuration management elements, and monitoring and reporting progress.

Minimum Education: Bachelor's degree from an accredited college or university and four (4) years experience. A curriculum of major field of study that provides substantial knowledge useful in managing large, complex logistic engineering or scientific projects, and is closely related to the work, and/or a logistics, statistics, physical science, engineering, or a mathematics-intensive discipline. Associate's degree and an additional two (2) years relevant experience or a high school diploma and an additional four (4) years relevant experience may be substituted for the Bachelor's degree.

9. Commercial Job Title: Technical Writer Editor

Minimum/General Experience: Four (4) years of technical writing or editing experience for complex technical systems or systems support.

Functional Responsibility: Analyzes and defines the structure needed to best present information. Collaborates with analysts and engineers to gather technical and operating information. Writes and edits the theory of operation, operation procedures, troubleshooting logic, troubleshooting charts, and other related information. Prepares draft graphics and works with technical typist to ensure work is accurate.

Minimum Education: Associate's degree in technical writing or related field and four (4) years experience. High school diploma and an additional two (2) years relevant experience may be substituted for the Associate's degree.

10. Commercial Job Title: Technical Typist/Graphic Artist

Minimum/General Experience: Three (3) years of technical typing or graphic artist experience for complex digital systems or digitally supported systems.

Functional Responsibility: Defines the layout needed to best present information. Works with technical writer and others to organize technical and operating information. Types and proofreads the theory of operation, operation procedures, troubleshooting logic, troubleshooting charts, and other related information. Prepares graphics and works with technical personnel to ensure work is accurate.

Minimum Education: High school or college coursework in graphic arts or technical typing and three (3) years experience.

11. Commercial Job Title: Draftsperson/Engineering Assistant

Minimum/General Experience: One (1) year of experience with computer-aided design (CAD) software and related drafting hardware and software.

Functional Responsibility: Prepares drawings from roughs provided by others into prescribed programs or databases using current technology equipment and software. Enters data using keyboard and related computer peripherals. Review entered data for accuracy.

Minimum Education: High school diploma and CAD courses and/or drafting courses from an accredited training institution and one (1) year experience.

12. Commercial Job Title: Technician

Minimum/General Experience: Five (5) years of increasingly complex and

progressive experience in building, supporting, and maintaining products and processes in engineering, or scientific settings using a variety of engineering and technology resources. Demonstrated experience with current technologies and emerging technologies.

Functional Responsibility: Fabrication and maintenance in support of engineering designs, modifications, or maintenance of existing applications using information supplied by others. Executes designs through fabrication, testing, and documentation. Operates and maintains assigned systems and equipment.

Minimum Education: Technical or military courses with a curriculum that provides substantial knowledge useful in supporting large, complex engineering projects and is closely related to the work, and/or in a physical science, engineering, or a mathematics-intensive discipline and five (5) years experience. High school diploma and an additional two (2) years relevant experience may be substituted for the Technical certificate.

13. Commercial Job Title: Software Engineer

Minimum/General Experience: Three (3) years of increasingly complex and progressive experience in performing analysis, development, and implementation of business, mathematical, or scientific settings using a variety of information technology resources.

Functional Responsibility: Applies specifications for operating system applications or modifies and maintains existing applications using information supplied by others. Executes coding, testing, debugging, and documentation. Responsible for applications dealing with the operating system, such as file maintenance routines, telecommunication networking, computer accounting, and mathematical/scientific software packages.

Minimum Education: Bachelor's degree from an accredited college or university and three (3) years experience. A curriculum or major field of study that provides substantial knowledge useful in automated information systems (AIS) projects, is closely related to the work to be automated, and/or in a computer science, information system, a physical science, engineering or a mathematics-intensive discipline. Associate’s degree and an additional four (4) years relevant experience may be substituted for the Bachelor’s degree.

14. Commercial Job Title: Software Developer

Minimum/General Experience: Three (3) years of experience in performing development and implementation of business, mathematical, or scientific settings

using a variety of information technology resources. Demonstrated experience with current technologies and emerging technologies.

Functional Responsibility: Applies specifications for operating system applications or modifies and maintains existing applications under the immediate supervision of others. Executes coding, testing, debugging, and documentation development under the supervision of others.

Minimum Education: Bachelor's degree from an accredited college or university and three (3) years experience. A curriculum of major field of study that provides substantial knowledge useful in AIS projects and is closely related to the work to be automated, and/or in a computer science, information system, a physical science, engineering, or a mathematics-intensive discipline. Associate's degree and an additional four (4) years relevant experience or a high school diploma and an additional six (6) years relevant experience may be substituted for the Bachelor's degree.

15. Commercial Job Title: Consultant

Minimum/General Experience: Five (5) years of experience in performing engineering, design, development, and implementation of business, mathematical, or scientific endeavors using a variety of information technology resources. Demonstrated experience with current technologies and emerging technologies.

Functional Responsibility: Consults on the application of professional engineering support in any SIN supported under this contract.

Licenses and Certifications: When called for by the order, must be a licensed engineer. When required, must be certified for specialized requirements cited in the order.

Minimum Education: Bachelor's degree from an accredited college or university with a major field of study that provides expertise in applicable SINs and related to the contract tasking and five (5) years experience. Formal preparation may be in engineering, physics, business systems, a physical science, or a mathematics-intensive discipline. Associate's degree and an additional four (4) years relevant experience may be substituted for the Bachelor's degree.