



General Services Administration
Federal Supply Schedule
Authorized Federal Supply Schedule 871 Price List

Superior Controls Professional Engineering Services (PES)
Federal Supply Group 871
Class R425

Contract No.: GS-10F-0120X

Contract Period: 02.28.2011 — 02.27.2016

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



Superior Controls, Inc. (SCI)

14925 Galleon Court
Plymouth, Michigan 48170
www.SuperiorControls.net

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Business Size — Small

NAICS Codes - Please see last page for full listing.

Online access to contract ordering information, terms, and conditions; up-to-date pricing; and the option to create electronic delivery order is available through GSA Advantage!, a menu-driven database system. The Internet address for GSA Advantage! is <http://www.GSAADVANTAGE.gov>.

Professional Engineering Services Schedule

Bold Engineering Solutions customized to your needs.

Superior Controls, Inc. is a bold engineering company made up of experts who solve critical engineering and production challenges. We have helped our customers achieve dramatic manufacturing improvements in the aerospace, defense, off-highway vehicle, marine, testing, automotive, pharmaceutical, processing and general manufacturing industries.

We are everywhere from the lab to the plant floor, from pre-production planning to launch and ongoing operations, delivering solutions to the biggest challenges.

For 30 years Superior Controls has been Challenge-ready[®] providing customized engineering and fully integrated industrial systems.

Superior Controls is a multi-faceted group of experts with unique capabilities and talent. You can learn more online at www.SuperiorControls.net

Industries Served

Aerospace: We take on the most difficult problems in test systems, metrology, production, process, and quality for the defense and commercial aerospace communities. We have provided world-class productivity, process, and testing solutions to weapons systems, carriers, and space technology. We are ready to tackle your most challenging projects.

Defense: Our engineers are dedicated to the fastest possible delivery of expert solutions to the U.S. Warfighter. We provide new concepts based on the evolving requirements in the field. Our goal is to supply cutting-edge solutions in manufacturing, assembly, and testing to cut maintenance costs and increase efficiency at depots and bases. We have extensive experience working for defense primes and directly for the Department of Defense.

Automotive: We've been meeting the toughest challenges head-on and helping automakers solve critical manufacturing problems for more than 30 years. Our teams have developed and installed some of the world's largest Factory Information Systems, Error Proofing Systems and IUID/Traceability Systems. By bridging the gap between the plant floor and management, we can bring real-time production visibility right to key project staff.

Program Management: We are dedicated to the needs of our customers, and focus on what is required for them to achieve their objectives. By delivering proven project and program management solutions, our experts go beyond the traditional planning methods and develop a measurable approach necessary to align goals with customer requirements. The Program Manager serves as the focal point from the planning stage through completion/installation. We identify issues or conflict in schedules so there are no 'surprises'. SCI's management team provides clear direction and the take charge attitude to ensure successful completion of projects promised.



Superior Controls, Inc. is a leader in creating and deploying innovative engineered solutions for those who pursue world-class manufacturing. With expertise in areas such as Manufacturing Intelligence Systems, Powertrain and Propulsion Testing Systems, Process Control and Continuous Improvement, Factory Automation, Tracking and Traceability/IUID, and Industrial Controls, we have the expert know-how to implement innovative designs. Having 30 years of industry knowledge allows Superior Controls to take on your most difficult manufacturing challenges and provide customized bold solutions that will enhance production capabilities and increase quality, flexibility, efficiency, and throughput. Our innovative solutions employ unique technologies that achieve quick return on investment that is required of today's military programs.

Superior Controls is DDTC registered, ITAR compliant, ISO 9001 certified.

Here at Superior Controls, we have a strong philosophy and focus on Quality and Continuous Improvement. Every project we embark on, we are focused on improving and enhancing our solutions and building an arsenal of advanced technology. Superior Controls' ability to monitor and maximize quality is executed by highly qualified people, producing remarkable products that routinely exceed our customers standards.

SCI uses the 6-sigma DMAIC method to manage change and preserve stability. Stability is a strong attribute in our projects as well as our staff. The average tenure of an SCI Engineer is 15 years. Our training infrastructure plays a significant role in maintaining such high-caliber experts. We provide a rich and challenging environment for our engineers both in a variety of projects and continuing education. Every project manager and engineer on our staff have degrees from accredited universities. With such a deep pool of talent, new ideas and concepts are constantly emerging. Using the DMAIC approach we can ensure any changes in a plan are effectively incorporated into the project or system that will positively impact the customer and result in improvements.

Let us apply our bold engineering to solve your critical manufacturing, processing and testing challenges.

We are Challenge Ready®.



Superior Controls
Challenge-ready®

14925 Galleon Court
Plymouth Michigan, 48170

P: 734.4545.0500
F: 734.454.0563

46247 Five Mile Road
Plymouth, Michigan 48170

P: 927.1460
F: 734.927.1480

www.SuperiorControls.net

Section 1 - Information for Ordering Activities

1. Special Item Numbers (SIN) for Products and Services

Mechanical Engineering / Electrical Engineering

- SIN 871-1 - Strategic Planning for Technology Programs/ Activities
- SIN 871-2 - Concept Development and Requirement Analysis
- SIN 871-3 - System Design, Engineering, and Integration
- SIN 871-4 - Test and Evaluation
- SIN 871-6 - Acquisition and Life-Cycle Management
- 871-1 RC - Strategic Planning for Technology Programs/ Activities
- 871-2 RC - Concept Development and Requirement Analysis
- 871-3 RC - System Design, Engineering, and Integration
- 871-4 - Test and Evaluation
- 871-6 - Acquisition and Life-Cycle Management

2. Maximum Order

\$1,000,000.00

3. Minimum Order

\$100.00

4. Geographic Coverage

Domestic Only

5. Points of Production

Galleon Location
14925 Galleon Court
Plymouth, MI 48170
P: 734.454.0500
F: 734.454.0563

Five Mile Location
46247 Five Mile Road
Plymouth, MI 48170
P: 734.927.1460
F: 734.927.1480

South East Operations
7208 Acc Boulevard
Raleigh, NC 27617
P: 919.398.6441

6. Discounts from List Prices

Government Net Prices (discounts already deducted)

7. Prompt Payment Terms

1% for payment within 10 days

8. Credit Cards

Government Purchase Cards are accepted (will not accept over \$3000.00)

9. Overnight and 2-day Delivery / Urgent Requirements

Contact Administrator

10. F.O.B. Points

Destination

11. Ordering Address(es)

Galleon Location
14925 Galleon Court
Plymouth, MI 48170
P: 734.454.0500
F: 734.454.0563

Five Mile Location
46247 Five Mile Road
Plymouth, MI 48170
P: 734.927.1460
F: 734.927.1480

South East Operations
7208 Acc Boulevard
Raleigh, NC 27617
P: 919.398.6441
F: 919.398.6444

12. Payment Address

Superior Controls, Inc.
14925 Galleon Court
Plymouth, MI 48170

13. Warranty Provision

Contractor's standard commercial warranty

14. Export Packing Charges

As applicable

15. Terms and Conditions of Government Purchase Card acceptance

Contact Administrator

16. Terms and Conditions of rental, installation, maintenance, and repair

Standard Terms and Conditions apply

17. Service and Distribution Points

Mexico and Canada

18. Section 508 Compliance

Information and Standards for Electronic and Information Technology (EIT) services is available at www.sections508.gov

19. Date Universal Numbering System (DUNS) Number

13-1266942

20. Central Contractor Registration (CCR)

Superior Controls, Inc. is registered with CCR.



Section 2 - PES SINs

The Special Item Numbers (SINs) available under this contract provide for services across the full life cycle of an engineering project. When task orders are placed, they must identify the SIN or SINs under which the task is being executed. SCI has been awarded a contract by GSA to provide services under the SINs, as defined below:

Special Item Number 871-1: 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 or improved performance goals for navigation satellites, such as: launch procedures and costs, multiuser capability, useful service life, accuracy and resistance to natural and man-made electronic interference.

Providing professional engineering services not specifically related to strategic planning for technology programs/activities and its associated disciplines constitutes inappropriate use of this SIN.

Special Item Number 871-2: Concept Development and Requirements Analysis

Services required under this SIN involve abstract or concept studies and analysis, requirements definition, preliminary planning, the 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 include examination of performance and cost trade-offs.

Providing professional engineering services not specifically related to concept development and requirements analysis and its associated disciplines constitutes inappropriate use of this SIN.

Special Item Number 871-3: 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, 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.

Providing professional engineering services not specifically related to concept development and requirements analysis and its associated disciplines constitutes inappropriate use of this SIN.

Special Item Number 871-4: 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.

Providing professional engineering services not specifically related to testing and evaluating and its associated disciplines constitutes inappropriate use of this SIN.

Special Item Number 871-6: Acquisition and Life Cycle Management

Services required under this SIN involve all of the planning, budgetary, contract and systems/program management functions required to procure or produce, render operational and life cycle support (maintenance, repair, supplies, 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.

Professional engineering services not specifically related to acquisition and life cycle management and associated disciplines constitute inappropriate use of this SIN.



Section 2 - PES SINs (cont'd)

SIN 871-1RC Recovery Purchasing

This GSA Schedule SIN provides for state and local governments to use GSA Schedules for disaster recovery as provided for in Section 833 of the National Defense Authorization Act for Fiscal Year 2007, commonly known as the John Warner National Defense Authorization Act (P.L. 109-364). Specifically, it authorizes the use of Federal Supply Schedules by state and local governments to facilitate recovery from major disasters, terrorism, nuclear, biological, chemical, or radiological attacks. The disaster must be declared by the President under the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 U.S.C. 5121 et. seq.).

SIN 871-2RC Recovery Purchasing

This GSA Schedule SIN provides for state and local governments to use GSA Schedules for disaster recovery as provided for in Section 833 of the National Defense Authorization Act for Fiscal Year 2007, commonly known as the John Warner National Defense Authorization Act (P.L. 109-364). Specifically, it authorizes the use of Federal Supply Schedules by state and local governments to facilitate recovery from major disasters, terrorism, nuclear, biological, chemical, or radiological attacks. The disaster must be declared by the President under the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 U.S.C. 5121 et. seq.).

SIN 871-3RC Recovery Purchasing

This GSA Schedule SIN provides for state and local governments to use GSA Schedules for disaster recovery as provided for in Section 833 of the National Defense Authorization Act for Fiscal Year 2007, commonly known as the John Warner National Defense Authorization Act (P.L. 109-364). Specifically, it authorizes the use of Federal Supply Schedules by state and local governments to facilitate recovery from major disasters, terrorism, nuclear, biological, chemical, or radiological attacks. The disaster must be declared by the President under the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 U.S.C. 5121 et. seq.).

SIN 871-4RC Recovery Purchasing

This GSA Schedule SIN provides for state and local governments to use GSA Schedules for disaster recovery as provided for in Section 833 of the National Defense Authorization Act for Fiscal Year 2007, commonly known as the John Warner National Defense Authorization Act (P.L. 109-364). Specifically, it authorizes the use of Federal Supply Schedules by state and local governments to facilitate recovery from major disasters, terrorism, nuclear, biological, chemical, or radiological attacks. The disaster must be declared by the President under the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 U.S.C. 5121 et. seq.).

SIN 871-6RC Recovery Purchasing

This GSA Schedule SIN provides for state and local governments to use GSA Schedules for disaster recovery as provided for in Section 833 of the National Defense Authorization Act for Fiscal Year 2007, commonly known as the John Warner National Defense Authorization Act (P.L. 109-364). Specifically, it authorizes the use of Federal Supply Schedules by state and local governments to facilitate recovery from major disasters, terrorism, nuclear, biological, chemical, or radiological attacks. The disaster must be declared by the President under the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 U.S.C. 5121 et. seq.).



Section 3 - SCI Schedule 871 Labor Category Price List

Awarded Labor Categories	02.28.11 thru 02.27.12	02.28.12 thru 02.27.13	02.28.13 thru 02.27.14	02.28.14 thru 02.27.15	02.28.15 thru 02.27.16
Vice President	\$186.40	\$192.36	\$198.52	\$204.87	\$211.43
Program Manager	\$151.13	\$155.97	\$160.96	\$166.11	\$171.43
Project Manager PM1	\$95.72	\$98.78	\$101.94	\$105.20	\$108.57
Project Manager PM2	\$115.87	\$119.58	\$123.40	\$127.35	\$131.43
Project Manager PM3	\$136.02	\$140.37	\$144.86	\$149.50	\$154.28
Engineer E1	\$80.60	\$83.18	\$85.85	\$88.59	\$91.43
Engineer E2	\$95.72	\$98.78	\$101.94	\$105.20	\$108.57
Engineer E3	\$110.83	\$114.38	\$118.04	\$121.82	\$125.71
Engineer E4	\$125.94	\$129.97	\$134.13	\$138.43	\$142.86
Eng. Specialist ES1	\$151.13	\$155.97	\$160.96	\$166.11	\$171.43
Eng. Specialist ES2	\$176.32	\$181.96	\$187.79	\$193.80	\$200.00
Technician T1	\$52.39	\$54.07	\$55.80	\$57.59	\$59.43
Technician T2	\$60.45	\$62.39	\$64.38	\$66.44	\$68.57
Technician T3	\$68.51	\$70.71	\$72.97	\$75.30	\$77.71
Technician T4	\$79.60	\$82.14	\$84.77	\$87.49	\$90.28
CAD C1	\$60.45	\$62.39	\$64.38	\$66.44	\$68.57
CAD C2	\$70.53	\$72.79	\$75.12	\$77.52	\$80.00
CAD C3	\$85.64	\$88.38	\$91.21	\$94.13	\$97.14
CAD C4	\$100.76	\$103.98	\$107.31	\$110.74	\$114.28
Admin A1	\$50.38	\$51.99	\$53.65	\$55.37	\$57.14
Admin A2	\$55.42	\$57.19	\$59.02	\$71.98	\$62.86
Admin A3	\$65.49	\$67.59	\$69.75	\$55.37	\$74.29
Writer W1	\$50.38	\$51.99	\$53.65	\$65.34	\$57.14
Writer W2	\$59.45	\$61.35	\$63.31	\$65.34	\$67.43
Writer W3	\$71.54	\$73.85	\$76.19	\$78.63	\$81.14

Hourly Rates include 75% GSA Industrial Funding Fee (IFF)



Section 4 - SCI SCA Matrix

SCA MATRIX		
SCA Eligible Contract Labor Category	SCA Equivalent Code - Title	WD Number
Technician T1	23181 - Electronics Technician Maintenance I	05-2273
Technician T2	23182 - Electronics Technician Maintenance II	05-2273
Technician T3	23183 - Electronics Technician Maintenance III	05-2273
Technician T4	23593 - Metrology Technician III	05-2273
CAD C1	30061 - Drafter/CAD Operator I	05-2273
CAD C2	30062 - Drafter/CAD Operator II	05-2273
CAD C3	30063 - Drafter/CAD Operator III	05-2273
CAD C4	30064 - Drafter/CAD Operator IV	05-2273
Admin A1	01312 - Secretary II	05-2273
Admin A2	01313 - Secretary III	05-2273
Admin A3	01020 - Administrative Assistant	05-2273
Writer W1	30461 - Technical Writer I	05-2273
Writer W2	30462 - Technical Writer II	05-2273
Writer W3	30463 - Technical Writer III	05-2273

The Service Contract Act (SCA) is applicable to this contract and it includes SCA eligible labor categories. The prices for the cited SCA labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCA matrix below. 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.



Section 5 - SCI Labor Category Descriptions

Vice President

Function of Position: Directs, plans, and organizes a major technological operating segment or staff group of the company. Responsible for delivery of orders placed against contract and accountable for the technical quality, content, and results of completed projects which are large, high risk, and/or complex.

Duties and Responsibilities: Provides technical/administrative leadership and frequently serves as the final authority in field of specialty. Plans and controls resource requirements, allocates and controls resource utilization for area of responsibility. Recommends, reviews, and approves policies and procedures for group-wide and/or company-wide application. May serve as advisor on projects and programs. Serves as official company representative to clients.

Knowledge/Skill Requirements: The Vice President shall have a minimum of a BS degree in Engineering or a Physical Science (a BA degree which meets the requirements of a BS is also acceptable) and at least 14 years experience. Must have demonstrated leadership abilities and excellent communication skills.

Minimum Education: Bachelor's Degree in Engineering or Physical Science

Minimum Experience Requirements: Minimum 14 years relevant experience

Required Supplemental Certifications: None

Program Manager

Function of Position: For large projects, responsible for delivery of orders placed against contract and accountable for the technical quality, content, and results of completed projects. According to size of project, may oversee an entire project or a portion of the project.

Duties and Responsibilities: Serves as a point of contact for development and discussion of new business opportunities and subsequently; project objectives, scope, and budgets within the company and between the company and the client. Leads a team in the accomplishment of work on projects of moderate size and in the development of all required documentation/deliverables within budget and schedule constraints. Controls project work accomplishment vs. scope of services contracted, assesses progress vs. schedule and budget; resolves conflicts or elevates conflicts to management level necessary for resolution. Assists senior project managers in the development and management of large and complex projects; may lead a portion of the project.

Knowledge/Skill Requirements: The program manager shall have a minimum of a BS degree in Engineering or a Physical Science (a BA degree which meets the requirements of a BS is also acceptable) and at least 12 years experience. The 12 years

shall include a minimum of 7 years of progressive hardware/software development experience, 5 years management of contracts, and 5 years of systems analysis.

Minimum Education: Bachelor's Degree in Engineering or Physical Science

Minimum Experience Requirements: 12 years relevant experience

Required Supplemental Certifications: None

Project Manager (PM1)

Function of Position: Responsible for providing assistance to more senior project managers for the direction of large projects or managing a small project of limited scope/cost.

Duties and Responsibilities: Assists more senior project managers in development of project work plans, specifications, criteria, cost, and schedule estimates. Assists in development of new business opportunities. Manages projects of limited scope within contractual cost and schedule guidelines; reviews output/documentation/deliverables for adequacy of quality and quantity. Tracks progress of project work and resource usage, informs senior managers of problem areas, and recommends corrective action, as needed. Evaluates performance of project team members.

Knowledge/Skill Requirements: BS degree from an accredited engineering or physical science school and 6 years minimum engineering experience, or a MS degree from an accredited engineering school and minimum 4 years engineering experience.

Minimum Education: Bachelor's Degree in Engineering or Physical Science

Minimum Experience Requirements: 6 years of relevant experience

Required Supplemental Certifications: None

Project Manager (PM2)

Function of Position: Responsible for managing projects of large size and complexity, or multiple projects. Assists more senior managers in marketing and managing large and complex projects or group of projects.

Duties and Responsibilities: Serves as a point of contact for development and discussion of new business opportunities subsequently; project objectives, scope, and budgets within the company and between the company and the client. Leads a team in the accomplishment of work on projects of large size and in the development of all required documentation/deliverables within budget and schedule constraints. Controls project work accomplishment vs. scope of services contracted,



((PM2 cont'd))

assesses progress vs. schedule and budget; resolves conflicts or elevates conflicts to management level necessary for resolution. Assists senior project managers in the development and management of large and complex projects; may lead a portion of the project. Evaluates performance of project team members.

Knowledge/Skill Requirements: BS degree from an accredited engineering or physical science school and 8 years minimum engineering experience with at least 3 years in project management, or a MS degree from an accredited engineering school and 6 years minimum engineering experience with at least 3 years in project management experience. Demonstrated competence in project management and technical competence in discipline field(s) and knowledge of company policies and practices.

Minimum Education: Bachelor's Degree in Engineering or Physical Science

Minimum Experience Requirements: 8 years of relevant experience

Required Supplemental Certifications: None

Project Manager (PM3)

Function of Position: Responsible for managing large and complex projects, and providing management for a group of smaller projects via subordinates managers. Conducts marketing operations and assists other managers, principals, or officers in marketing and managing very large, complex projects.

Duties and Responsibilities: Initiates new business contacts under the direction of an officer or senior-level manager and participates in the development of marketing and pricing strategies and the subsequent contractual agreements. Manages large, complex projects; tracks and controls scope of work, resource utilization, schedules, and work accomplishments; initiates corrective actions as required; maintains continuous contact with the client and resolves contractual conflicts or elevates conflicts to officer/director level for resolution. Monitors progress of subordinate managers on assigned projects and provides management, administrative, and technical guidance as required. Assists other senior project managers, principles, or officers in the management of extremely large, multi-discipline projects. Evaluates performance of project team members or project managers assigned to project.

Knowledge/Skill Requirements: BS degree from an accredited engineering school plus a minimum of 10 years engineering experience with at least 5 years in project management, or a MS degree from an accredited engineering or physical science school plus a minimum of 8 years of engineering experience with at least 5 years in project management. Demonstrated leadership skills, ability to function under

pressure, demonstrated resource management capability, demonstrated technical competence and through knowledge of company policies and practices.

Minimum Education: Bachelor's Degree in Engineering or Physical Science

Minimum Experience Requirements: 10 years of relevant experience

Required Supplemental Certifications: None

Engineer (E1)

Function of Position: Performs a variety of engineering tasks involving design and implementation, including personnel, hardware, software, and support for facilities and equipment.

Duties and Responsibilities: Plans and performs engineering research, design development, and other assignments in conformance with design, engineering, and customer specifications. Performs the technical and engineering part of a major project of lesser complexity and importance than those normally assigned to a higher level engineer.

Knowledge/Skill Requirements: Bachelor's degree from an accredited engineering school, with or without prior engineering employment experience.

Minimum Education: Bachelor's Degree in Engineering

Minimum Experience Requirements: 1 year of relevant experience

Required Supplemental Certifications: None

Engineer (E2)

Function of Position: Performs a variety of engineering tasks involving design and implementation, hardware, software, and support for facilities and equipment. Independently evaluates, selects, and applies standard engineering techniques, procedure and criteria; makes minor adaptations and modifications.

Duties and Responsibilities: Independently plans and performs engineering research, design development, and other assignments in conformance with design, engineering, and customer specifications. Coordinates the activities of technicians assigned to specific engineering projects.

Knowledge/Skill Requirements: Bachelor's degree in Engineering from an accredited engineering school and at least 2 years engineering experience.

Minimum Education: Bachelor's Degree in Engineering

Minimum Experience Rqmnts: 2 years of relevant experience

Required Supplemental Certifications: None



Engineer (E3)

Function of Position: Performs a variety of engineering tasks involving design and implementation, hardware, software, and support for facilities and equipment.

Duties and Responsibilities: Independently evaluates, selects, and applies standard engineering techniques, procedure, and criteria; makes minor adaptations and modifications. Project assignments include complex features and can be guided by codes, standards, and other precedents of the discipline. Provides guidance as needed to lower level engineers assigned to specific engineering projects.

Knowledge/Skill Requirements: Bachelor's degree in Engineering from an accredited engineering school and 6 years minimum engineering experience

Minimum Education: Bachelor's Degree in Engineering

Minimum Experience Rqmnts: 6 years of relevant experience

Required Supplemental Certifications: None

Engineer (E4)

Function of Position: Independently evaluates, selects, adapts, and modify standard techniques and criteria in order to plan and conduct engineering assignments. Manages major technical and engineering projects of higher complexity and importance than those normally assigned to lower level engineers. Coordinates the activities of engineers and technicians assigned to specific engineering projects.

Duties and Responsibilities: Independently plans, schedules, conducts, or coordinates detailed phases of engineering work through the selection and adaptation or modification of techniques, procedures, and criteria. Analyzes complex features of the work and applies principles and practices of the discipline, or devises new approaches in problem solving. Thoroughly reviews all results from assigned tasks and determines if outputs are complete, correct, integrated with project objectives, and adequately documented.

Knowledge/Skill Requirements: Bachelor's degree in Engineering from an accredited engineering school and 10 years minimum engineering experience

Minimum Education: Bachelor's Degree in Engineering

Minimum Experience Requirements: 10 years of relevant experience

Required Supplemental Certifications: None

Engineering Specialist (ES1)

Function of Position: Serves as a subject matter expert and/

or advanced technical specialist for the company in the application of advanced theories, concepts, principles, and processes for the assigned area of responsibility. Directs engineering for projects of high risk and/or complexity.

Duties and Responsibilities: Explores unique subject areas related to projects or potential projects, defines scope, develops concepts, and approaches. Applies advanced theories, concepts, principles, and processes in a specialized area of expertise for very large and complex projects. Acts independently to recommend changes in the technical approach or emphasis of technical methods or approaches as warranted by advancements in technology. Provides direct communication of unique/innovative practices between the company and the client.

Knowledge/Skill Requirements: Bachelor's degree in Engineering from an accredited engineering school and 12 years minimum engineering experience.

Minimum Education: Bachelor's Degree in Engineering

Minimum Experience Requirements: Minimum 12 years relevant experience

Required Supplemental Certifications: None

Engineering Specialist (ES2)

Function of Position: Serves as a subject matter expert and/ or advanced technical specialist for the company in the application of advanced theories, concepts, principles, and processes for the assigned area of responsibility. Directs engineering for projects of high risk and/or complexity. Directs the work of lower level engineers.

Duties and Responsibilities: Explores unique subject areas related to projects or potential projects, defines scope, develops concepts and approaches. Applies advanced theories, concepts, principles, and processes in a specialized area of expertise for very large and complex projects. Acts independently to recommend changes in the technical approach or emphasis of technical methods or approaches as warranted by advancements in technology. Provides direct communication of unique/innovative practices between the company and the client.

Knowledge/Skill Requirements: Bachelor's degree in Engineering from an accredited engineering school and 14 years minimum engineering experience

Minimum Education: Bachelor's Degree in Engineering

Minimum Experience Requirements: Minimum 14 years relevant experience

Required Supplemental Certifications: None



Technician 1

Function of Position: Supports the planning and performance of engineering and customer specifications. Supports the technical and engineering activities related to the development and integrations of a project assigned to engineers.

Duties and Responsibilities: (May perform some or all of the following): Assists with routine maintenance work. Assists with inspection, preventative maintenance, and minor repairs on electrical, mechanical and HVAC systems, or either in-house or in customer location. Performs minor repairs to all building structures and finishes. May assist in transporting Superior Controls' personnel and/or equipment. Works under the supervision of an engineer or project manager. May perform fabrication, installation and troubleshooting work. Able to use some discretion in choosing how to complete tasks.

Minimum Education: Associates Degree or relevant Vocational Education

Minimum Experience Requirements: 1 year of relevant experience

Required Supplemental Certifications: None

Technician 2

Function of Position: Performs operation and maintenance services, including fabrication, assembly, installation and troubleshooting activities.

Duties and Responsibilities: (May perform some or all of the following): Assists in the operation, installation, fabrication, maintenance, and repair of electrical and electronic equipment and instrumentation systems. Performs routine fabrication, checkout, troubleshooting, and repair of electronic systems or basic electronic or electromechanical test equipment. Operates and maintains electromechanical equipment or systems, may assist in fabrication of mechanical components. Assists in calibrating equipment. Performs more difficult building maintenance and repair tasks than Technician 1 with less oversight. Able to use discretion in choosing how to complete tasks.

Minimum Education: Associates Degree

Minimum Experience Requirements: 2 years relevant experience

Required Supplemental Certifications: None

Technician 3

Function of Position: Performs operation and maintenance services, including fabrication, assembly, installation, test, and troubleshooting activities.

Duties and Responsibilities: Under general supervision, performs fabrication, mechanical, electrical, and manual work in the testing, operating, and shop areas. Performs routine fabrication, checkout, troubleshooting, and repair of electronic systems or basic electronic or electromechanical test equipment. Operates and maintains electromechanical equipment or systems, may assist in fabrication of mechanical components. Assists in calibrating and equipment. Prepares test articles for testing; installs instrumentation or test articles; prepares test facility equipment for operation, checks installations, troubleshoots equipment, test articles, instrumentation, and installations in case of malfunctions; operates plant equipment during tests. Assists on tests. Removes test articles after tests, installs and maintains facility systems, accomplishes maintenance and service work required to place and keep test facility equipment in operation.

Provides general assistance to engineering personnel. Able to use discretion in choosing how to complete tasks.

Minimum Education: Associates Degree

Minimum Experience Requirements: 6 years relevant experience

Required Supplemental Certifications: None

Technician 4

Function of Position: To provide technical guidance to personnel engaged in a specialized support function of the company, and to serve as a technical specialist in the field.

Duties and Responsibilities: Serves as focal point for work requests of the group; plans, organizes, and coordinates the activities of personnel engaged in equipment operations, test or maintenance. Controls and reviews work to ensure timeliness and accuracy of responsible function. Establishes and maintains schedule for the group to be consistent with budgetary and time constraints, with emphasis on safety operations. Assists employees with problem resolution; coaches and counsels employees. Develops innovative approaches to non-routine, nonrecurring work requests based on acquired expertise and knowledge of organizational philosophy and personnel capabilities. Able to use discretion in choosing how to complete tasks.

Minimum Education: Associates Degree

Minimum Experience Requirements: 8 years relevant experience

Required Supplemental Certifications: None



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CAD (C1)

Function of Position: Performs basic CAD responsibilities with limited assignments in support of projects.

Duties and Responsibilities: Prepares clear, accurate CAD drawings of simple, easily visualized components from detailed sketches and/or written notes. Makes simple revisions from detailed instructions. Assists with field work associated with drawing assignments, such as field measurements and simple sketches. Assists senior designers in the acquisition of required data/information, maintenance of files and supplies, and operation of related drafting room equipment. Assists in the preparation of bills of materials requirement lists. Able to use discretion in choosing how to complete tasks.

Minimum Education: Associates Degree or relevant Vocational Education

Minimum Experience Requirements: 1 year of relevant experience

Required Supplemental Certifications: None

CAD C2

Function of Position: Prepares complete sets of CAD drawings that include multiple views, detail drawings, and assembly drawings.

Duties and Responsibilities: Prepares CAD drawings that include relatively complex design features. Assignments may require the use of mathematical formulas to compute weights, load capacities, dimensions, quantities of materials, etc. Selects required information from precedents, manufacturers' catalogs, and technical guides. Able to use discretion in choosing how to complete tasks.

Minimum Education: Associates Degree or relevant Vocational Education

Minimum Experience Requirements: 2 years relevant experience

Required Supplemental Certifications: None

CAD C3

Function of Position: Provides CAD support to projects including the development of complex designs and leads design projects of varying scope and capacity.

Duties and Responsibilities: Prepares CAD drawings that include complex design features. Assignments often require the use of mathematical formulas to compute weights, load capacities, dimensions, quantities of materials, etc. Selects required information from precedents, manufacturers' catalogs, and technical guides. Evaluates functional feasibility

of design and its adherence to specifications. Prepares high level designs to be elaborated on by others, helps maintain CAD standards, and assists in training of new or less experienced CAD personnel. Able to use discretion in choosing how to complete tasks.

Minimum Education: Associates Degree or relevant Vocational Education

Minimum Experience Requirements: 6 years relevant experience

Required Supplemental Certifications: None

CAD C4

Function of Position: Provides CAD team leadership on major projects of considerable scope/complexity or specific discipline, or specialty leadership for general design. Provides skills for layout and assembly of complete CAD packages for large projects. Reviews work of lower level CAD designers.

Duties and Responsibilities: Provides technical guidance to assigned team of designers and drafters; develops work plans for specific projects, suggests assignments; reviews work in progress; coordinates work with project management; assists with specific assigned administrative task. Performs creative design from general concepts, basic and independent engineering analysis, liaison, and field monitoring. Performs complex CAD assignments with general instructions and works from furnished or self-generated computations and sketches. Evaluates functional feasibility of designs and their conformance to specifications; uses company and/or client standards and specifications and engineering computations and sketches to assess the accuracy and acceptability of designs prepared by other designers. Instructs originators in the correction of noted deficiencies and certifies completeness of final drawing packages. Prepares sketches to be drawn by others; maintains standards and suggests new standards or changes to existing standards; assists in developing training plans and programs for the training of new and less experienced CAD personnel. Able to use discretion in choosing how to complete tasks.

Minimum Education: Associates Degree or relevant Vocational Education

Minimum Experience Requirements: 8 years relevant experience

Required Supplemental Certifications: None



Admin 1

Function of Position: Provides administrative support for a clearly defined area.

Duties and Responsibilities: Coordinates scheduling of material, work, or information services to support timely dissemination; may implement requisition processes as required. Develops and maintains record systems dealing with status of material, equipment, or data, some or all of which may be export controlled. Prepares listings for area of specialty; may conduct internal audits or periodic inventories, balance budgetary data, or verify data as required. Prepares administrative reports utilizing accessible and available material from a variety of reference sources; researches material as needed. Composes and prepares correspondence, reports, etc., in rough and finished forms using own initiative and in accordance with policies and procedures. Responds daily to verbal inquiries regarding status of material or information; provides advisory services for area of specialty; may interface with other contractor or agencies for normal performance of job. Reviews regulations, publications, and directives, initiating appropriate action or referring to appropriate staff member. Able to use some discretion in choosing how to complete tasks.

Minimum Education: Associates Degree or relevant Vocational Training

Minimum Experience Requirements: 1 year of relevant experience

Required Supplemental Certifications: None

Admin 2

Function of Position: Provides non-routine administrative assignments of substantial variety and complexity. Serves as organizational authority in areas of administrative responsibility.

Duties and Responsibilities: Develops, recommends, and implements timely completion of functions to satisfy contract requirements which may include scheduling of material, man-hours, or information services. Close liaison is established and maintained with internal organizations, external firms and agencies. Determines, maintains, and revises priorities for others to accomplish objectives or functions. Prepares a variety of informal and formal correspondences for both internal and external dissemination. Work produced represents considerable originality and/or analytical skills within defined areas. Coordinates, complies, and prepares a variety of management related information utilizing extensive contracts with external agencies to interpret and recommend action. Conducts briefings and inspections to assure compliance with prescribed policies and procedures. Able to use discretion in choosing how to complete tasks.

Minimum Education: Associates Degree or relevant Vocational Training

Minimum Experience Requirements: 2 years relevant experience

Required Supplemental Certifications: None

Admin 3

Function of Position: Performs a broad level of complex administrative functions and serves as a specialist in a technical area. Interfaces between Superior Controls, other contractors, and clients, as required.

Duties and Responsibilities: Performs independent, non-routine assignments within areas of responsibility. Conducts a significant portion of a business operation as a specialist in the area, operating with considerable latitude for non-reviewed action or decision.

May develop and revise integration of test or support schedules compatible with the Company and clients' priorities. Conducts interviews and analyzes data regarding complex issues and business systems; prepares detailed management report on the subject. May provide and develop test and support schedules. Determines effectiveness of complex business systems and recommends improvements. Prepares and conducts briefings or presentations, as required, in areas of specialty. Advises management on business activities in area of expertise and serves as company representative. Works on special assignments, coordinates actions to correct problems, and documents subsequent to procedures. Able to use discretion in choosing how to complete tasks.

Minimum Education: Associates Degree or relevant Vocational Training

Minimum Experience Requirements: 6 years relevant experience

Required Supplemental Certifications: None

Writer (W1)

Function of Position: Performs a broad level of assignments in technical and non-technical writing.

Duties and Responsibilities: Performs independent, professional, routine assignments within areas of responsibility, as assigned. Conducts independent interviews and data analysis regarding moderately low-level issues or procedures, and prepares reports to supervision or management regarding evaluations and recommendations. Prepares and conducts briefings or presentations as required. Able to use discretion in choosing how to complete tasks.

(W1 cont'd)

Knowledge/Skill Requirements: Minimum 2 years experience working with office automation application documentation, systems specifications, and/or development of users' manuals.

Minimum Education: Associates Degree or Relevant Vocational Training

Minimum Experience Requirements: 2 years of relevant experience

Required Supplemental Certifications: None

Writer (W2)

Function of Position – Performs a broad level of assignments in technical and non-technical writing. May edit work of lower level Writers.

Duties and Responsibilities: Performs independent, professional, non-routine assignments within areas of responsibility, as assigned. Conducts independent interviews and data analysis regarding moderately complex issues or procedures, and prepares reports to supervision or management regarding evaluations and recommendations. Evaluates business systems to determine effectiveness of procedures and recommend improvements. Prepares and conducts briefings or presentations as required.

Knowledge/Skill Requirements: Minimum 2 years experience working with office automation application documentation, systems specifications, and/or development of users' manuals. At least 1 year experience producing on-line interactive documentation in HTML format.

Minimum Education: Associates Degree or Relevant Vocational Training

Minimum Experience Requirements: 4 years relevant experience

Required Supplemental Certifications: None

Writer (W3)

Function of Position: Performs a broad level of assignments in technical and non-technical writing. May edit work of lower level Writers. Responsible for more complex and technical writing than lower level writers.

Duties and Responsibilities: Performs independent, professional, non-routine assignments within areas of responsibility. Responsible for a portion of a business activity, conducting work independently and in some cases instructing lower-level writers and assistants. Conducts independent interviews and data analysis regarding complex issues or procedures, and prepares reports to supervision or management regarding evaluations and recommendations.

Evaluates business systems to determine effectiveness of procedures and recommend improvements. Prepares and conducts briefings or presentations as required. Serves as department representative on special assignments involving area of expertise.

Knowledge/Skill Requirements: Minimum 4 years experience working with office automation application documentation, systems specifications, and/or development of users' manuals. At least 1 year experience producing on-line interactive documentation in HTML format.

Minimum Education: Associates Degree or Relevant Vocational Training

Minimum Experience Requirements: 6 years relevant experience

Required Supplemental Certifications: None



Section 6 - NAICS Codes

- 238210 - Electrical Contractors and Other Wiring Installation Contractors
- 331316 - Aluminum Extruded Product Manufacturing
- 332811 - Metal Heat Treating
- 332912 - Fluid Power Valve and Hose Fitting Manufacturing
- 332992 - Small Arms Ammunition Manufacturing
- 332999 - All Other Miscellaneous Fabricated Metal Product Manufacturing
- 333120 - Construction Machinery Manufacturing
- 333294 - Food Product Machinery Manufacturing
- 333298 - All Other Industrial Machinery Manufacturing
- 333314 - Optical Instrument and Lens Manufacturing
- 333319 - Other Commercial and Service Industry Machinery Manufacturing
- 333514 - Special Die and Tool, Die Set, Jig, and Fixture Manufacturing
- 333518 - Other Metalworking Machinery Manufacturing
- 333611 - Turbine and Turbine Generator Set Units Manufacturing
- 333612 - Speed Changer, Industrial High-Speed Drive, and Gear Manufacturing
- 333613 - Mechanical Power Transmission Equipment Manufacturing
- 333618 - Other Engine Equipment Manufacturing
- 333922 - Conveyor and Conveying Equipment Manufacturing
- 333923 - Overhead Traveling Crane, Hoist, and Monorail System Manufacturing
- 333924 - Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing
- 333991 - Power-Driven Handtool Manufacturing
- 333992 - Welding and Soldering Equipment Manufacturing
- 333993 - Packaging Machinery Manufacturing
- 333994 - Industrial Process Furnace and Oven Manufacturing
- 333995 - Fluid Power Cylinder and Actuator Manufacturing
- 333996 - Fluid Power Pump and Motor Manufacturing
- 333997 - Scale and Balance Manufacturing
- 333999 - All Other Miscellaneous General Purpose Machinery Manufacturing
- 334290 - Other Communications Equipment Manufacturing
- 334512 - Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use
- 334513 - Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables
- 334514 - Totalizing Fluid Meter and Counting Device Manufacturing
- 334515 - Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals
- 334519 - Other Measuring and Controlling Device Manufacturing
- 335314 - Relay and Industrial Control Manufacturing
- 335929 - Other Communication and Energy Wire Manufacturing
- 335931 - Current-Carrying Wiring Device Manufacturing
- 336413 - Other Aircraft Parts and Auxiliary Equipment Manufacturing
- 336992 - Military Armored Vehicle, Tank, and Tank Component Manufacturing
- 423610 - Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers
- 423830 - Industrial Machinery and Equipment Merchant Wholesalers
- 541330 - Engineering Services
- 541340 - Drafting Services
- 541380 - Testing Laboratories
- 541420 - Industrial Design Services
- 541511 - Custom Computer Programming Services
- 541512 - Computer Systems Design Services
- 541519 - Other Computer Related Services
- 541614 - Process, Physical Distribution, and Logistics Consulting Services
- 541618 - Other Management Consulting Services
- 541690 - Other Scientific and Technical Consulting Services
- 541712 - Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology)
- 561210 - Facilities Support Services





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Schedule

Contract GS-10F-0120X

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