

Professional Engineering Services

**General Services Administration
Federal Supply Services**

Authorized Federal Supply Schedule Price List

Contract No.: GS-23F-0291P

Modification PS-0017

Price List



General Services Administration

Federal Supply Services

Authorized Federal Supply Schedule Price List

Professional Engineering Services

Contract No.: GS-23F-0291P

Federal Supply Group: 871

June 8, 2004-June 7, 2009 (Base Period)

June 8, 2009-June 7, 2014 (Option Period 1)

June 8, 2014-June 7, 2019 (Option Period 2)

June 8, 2019-June 7, 2024 (Option Period 3)

Special Item No. 871-1	Strategic Planning for Technology Programs Activities
Special Item No. 871-2	Concept Development and Requirements Analysis
Special Item No. 871-3	System Design, Engineering and Integration
Special Item No. 871-4	Test and Evaluation
Special Item No. 871-5	Integrated Logistics Support
Special Item No. 871-6	Acquisition and Life Cycle Management
Special Item No. 871-7	Construction Management

Alion Science and Technology Corporation
1000 Burr Ridge Pkwy
Burr Ridge, IL 60527-0849

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Alion Science and Technology Corporation
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703.259.5138 (Program Management Office)
703.259.5179 (Contracts)
703.259.5134 (Fax)

Business Size: Large Business

Online 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 address for GSA Advantage! is: <http://www.gsaadvantage.gov>.

For more information on ordering from Federal Supply Services Schedules click on the FSS Schedules button at <http://www.fss.gsa.gov>



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Customer Information

SPECIAL NOTICE TO AGENCIES: Small Business Participation

SBA strongly supports the participation of small business concerns in the Federal Supply Schedules Program. To enhance Small Business Participation SBA policy allows agencies to include in their procurement base and goals, the dollar value of orders expected to be placed against the Federal Supply Schedules, and to report accomplishments against these goals.

For orders exceeding the micro purchase threshold, FAR 8.404 requires agencies to consider the catalogs/pricelists of at least three schedule contractors or consider reasonably available information by using the GSA Advantage![™] on-line shopping service (www.fss.gsa.gov). The catalogs/pricelists, GSA Advantage![™] and the Federal Supply Service Home Page (www.fss.gsa.gov) contain information on a broad array of products and services offered by small business concerns.

This information should be used as a tool to assist ordering activities in meeting or exceeding established small business goals. It should also be used as a tool to assist in including small, small disadvantaged, and women-owned small businesses among those considered when selecting pricelists for a best value determination.

For orders exceeding the micro purchase threshold, customers are to give preference to small business concerns when two or more items at the same delivered price will satisfy their requirement.

1. Maximum Order:

There is no maximum task order size for this contract. The maximum dollar value of each task order will be negotiated individually for each order placed under this contract. GSA has determined that a maximum threshold value of \$1,000,000 for a task order was established for the contract. When task orders exceed this value, agencies should seek additional discounts from Alion. All Task Orders exceeding \$1,000,000 will be placed under this contract in accordance with PES-I-FSS-125 shown below.

PES-I-FSS-125 REQUIREMENTS EXCEEDING THE MAXIMUM ORDER (OCT 1997)

- (a) In accordance with FAR 8.404, before placing an order that exceeds the maximum order threshold, ordering offices shall -
 - (1) Based upon the initial evaluation, generally seek price reductions from the schedule contractor(s) appearing to provide the best value (considering price and other factors); and
 - (2) After price reductions have been sought, place the order with the schedule contractor that provides the best value and results in the lowest overall cost alternative (see FAR 8.404(a)). If further price reductions are not offered, an order may still be placed, if the ordering office determines that it is appropriate.



- (b) Vendors may:
- (1) offer a new lower price for this requirement (the Price Reduction clause is not applicable to orders placed over the maximum order in PES-52.216-19, Order Limitations.
 - (2) offer the lowest price available under the contract; or
 - (3) decline the order (orders must be returned in accordance with PES-52.216-19).
- (c) A delivery order that exceeds the maximum order may be placed with the Contractor selected in accordance with FAR 8.404. The order will be placed under the contract.
- (d) Sales for orders that exceed the Maximum Order shall be reported in accordance with GSAR 552.238-72.

2. Minimum Order

The minimum order that may be placed under this contract is \$100.

3. Geographic Coverage

The geographic scope of this contract is within the 48 contiguous states, Washington, D.C., Alaska, Hawaii, Puerto Rico and, on a worldwide basis, in any foreign country in which trade is not prohibited by the United States Government.

4. Point(s) of Production (City, County, and State or Foreign Country):

McLean, VA

1750 Tysons Boulevard
Suite 1300
McLean, VA 22102

Burr Ridge, IL

1000 Burr Ridge Pkwy
Burr Ridge, IL 60527-0849

Geneva, IL

1512 South Batavia Avenue
Geneva, IL 60134

Alexandria, VA

1701 N. Beauregard Street
Suite 600
Alexandria, VA 22311

1901 N. Beauregard Street
Alexandria, VA 22311

Rockville, MD

6000 Executive Boulevard
Suite 519
Rockville, MD 20852

Annapolis, MD

185 Admiral Cochrane Drive
Annapolis, MD 21401

Waldorf, MD

St. Charles Business Center
8 Jay Gould Court
Units D & L
Waldorf, MD 20602

Lanham, MD

8100 Corporate Drive
Suite 400
Lanham, MD 20785

4301 Forbes Boulevard
Lanham, MD 20706

**Fairfax, VA**

12601 Fair Lakes Circle, Suite: 300
Fairfax, VA 22033

Hampton, VA

2101 Executive Drive
Suite 5G
Hampton, VA 23666

West Conshohocken, PA

20 Clipper Road
West Conshohocken, PA 19428

Huntsville, AL

215 Wynn Drive
Suite 101
Huntsville, AL 35805

Orlando, FL

13501 Ingenuity Drive
Suite 236
Orlando, FL 32826

Rome, NY

201 Mill Street
Rome, NY 13440

Dayton, OH

3146 Presidential Drive
Fairborn, OH 45324

NOTE: This location list is current as of the contract award date. Due to the dynamic nature of Federal Contracting, locations may be added or deleted as required. Intent to use locations other than those listed herein will be addressed in specific task orders.

5. Discounts from list prices or statement of net price:

- a. Prompt Payment: None offered.
- b. Quantity: A delivery order for quantities that exceed the maximum order may be placed with the contractor selected in accordance with Far 8.404. The order will be placed under the current contract. These will be negotiated on a task-by-task basis based on size and complexity of the scope of work
- c. Dollar Volume: None offered.
- d. Government Educational Institutions: Negotiated on an individual task order basis.
- e. Discount for use of Government Commercial Credit Card: Negotiated on an individual task order basis.
- f. Other: Negotiated on an individual task order basis.

6. Prompt Payment Terms:

Invoices for Services shall be submitted by Alion as soon as possible after completion of the work. Prompt Payment terms are Net 30 Days. Payment under the blanket purchase orders will be made monthly or quarterly upon agreement, except where cash payment procedures are used. Invoices shall be submitted separately to each Government office ordering services under the contract.

7. Government Credit Cards:

Government Credit Cards are accepted at or below the micro-purchase threshold.
Government Credit Cards are accepted above the micro-purchase threshold.



8. Foreign Items (List items by country):

Not Applicable

9. Delivery:

- a. **Time of delivery:** As specified in individual orders.
- b. **Expedited Delivery** – Not Applicable
- c. **Overnight and 2-day delivery** – Not Applicable
- d. **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 the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering agency, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

10. FOB Points: Destination

11. Ordering Address: Alion has multiple ordering addresses, See Section 6

12. Ordering Procedures:

For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPAs), and a sample BPA can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).

13. Payment Address:

Alion Science and Technology Corporation
2454 Paysphere Circle
Chicago, IL 60674

14. Warranty Provision: Not Applicable

15. Export Packing Charges: Determined by individual task order.

16. Terms and conditions of Government commercial credit card acceptance (any thresholds above the micro-purchase level): Contact the Ordering Office.

17. Terms and conditions of rental, maintenance, and repair: Not Applicable

18. Terms and conditions of installation: Not Applicable



19. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices: Not Applicable

20. Terms and conditions for any other services: Not Applicable

21. List of service and distribution points: Not Applicable

22. List of participating dealers: Not Applicable

23. Preventive maintenance: Not Applicable

24. Special Attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants): Not Applicable

25. Section 508 Compliance:

If applicable, Section 508 compliance information on the supplies and services in this contract are available in Electronic and Information Technology (EIT) at the following:

The EIT standard can be found at: www.Section508.gov/.

Alion's point of contact concerning Section 508 is: Mark Ives 703-981-4496 (mives@alionscience.com).

26. Data Universal Number (DUNS) Number: 963450866

27. Registration in Central Contractor Registration (CCR) Database:

Alion is registered in the Central Contractor Registration (CCR) Database.

28. Additional Information for Completion of Standard Form 279

- a. Type of Contractor: Large Business
- b. Woman-Owned Small Business: No
- c. Contractor's Taxpayer Identification Number (TIN): 54-2061691
- d. CAGE Code: 3BM47

29. Security Requirements

In the event security requirements are necessary, the ordering activities may incorporate, in their delivery order(s), a security clause in accordance with current laws, regulations, and individual agency policy; however, the burden of administering the security requirements shall be with the ordering agency. If any costs are incurred as a result of the inclusion of security requirements, such costs will not exceed ten percent (10%) or \$100,000, of the total dollar value of the order, whichever is less. Alion maintains numerous cleared facilities with secret and top-secret level clearances, as well as cleared personnel at all security levels for service to the Federal government.

30. Liability For Injury or Damage

Alion shall not be liable for any injury to Government personnel or damage to Government property arising from the use of equipment maintained by Alion, unless such injury or damage is due to the fault or negligence of ALION.



31. 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 Schedule at hourly rates. These special ordering procedures take precedence over the procedures in FAR 8.404 (b)(2) through (b)(3).

The GSA has determined that the rates for services contained in ALION'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 any 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 contractors' 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 establishing 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 contractors' 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.

32. Orders

Agencies may use written orders, EDI orders, blanket purchase agreements, individual purchase orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.

All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

33. Purchase Of Incidental, Non-Schedule Items

For administrative convenience, open market (non-contract) items may be added to a Federal Supply Schedule Blanket Purchase Agreement (BPA) or an individual order, provided that the items are clearly labeled as such on the order, all applicable regulations have been followed, and price reasonableness has been determined by the ordering activity for the open market (non-contract) items.

34. Blanket Purchase Agreements (I-FSS-646-A) (MAR 1998)

Blanket Purchase Agreements (BPA's) can reduce costs and save time because individual purchase orders and invoices are not required for each procurement but can instead be documented on a consolidated basis. ALION agrees to enter into BPA's with ordering activities provided that:

- (a) The period of time covered by such agreements shall not exceed the period of the contract including option year period(s);
- (b) Orders placed under such agreements shall be issued in accordance with all applicable regulations and the terms and conditions of the contract; and
- (c) BPA's may be established to obtain the maximum discount (lowest net price) available in those schedule contracts containing volume or quantity discount arrangements.



35. Teaming Arrangements

Contractor Team Arrangements and Federal Supply Schedules

In the spirit of the Federal Acquisition Streamlining Act, all Federal agencies have been encouraged to facilitate innovative contracting/acquisition approaches. FAR Part 1.102 provides Guiding Principles on the Federal Acquisition System, outlining what the System will achieve --

- Satisfy the customer (cost, quality and timeliness of delivery)
- Maximize use of commercial products and services
- Consider contractor's past performance
- Promoting competition
- Minimize administrative costs
- Conduct business with integrity, fairness and openness
- Fulfill public policy objectives

The Federal Supply Schedule program is a source customers may use to achieve what the System has outlined for Acquisition Teams to follow.

Each member of the "Acquisition Team" is to exercise personal initiative and sound business judgment and is responsible for making acquisition decisions that deliver the best value product or service to meet the customers' needs. FAR 1.102-4 further empowers Government Team members to make acquisition decisions within their areas of responsibility including selection, negotiation and administration. The contracting officer has the authority to the maximum extent practical, to determine the applications of rules, regulations, and policies.

In light of these changes, Federal Supply Schedule customers may refer to FAR 9.6 - Contractors Team Arrangements. The policy and procedures outlined in this part will provide more flexibility and allow innovative acquisition methods when using the Federal Supply Schedules. Customers are encouraged to review this section and should note this is permissible after contract award. Team Arrangements combined with the Federal Supply Schedule Program provides Federal customers a powerful commercial acquisition strategy.

36. Inspection Of Services

The Inspection of Services-Fixed Price (AUG 1996) clause at FAR 52.246-4 applies to firm-fixed price orders placed under this contract. The Inspection-Time-and Materials and Labor-Hour (JAN 1986) clause at FAR 52.246-6 applies to time-and-materials and labor-hour orders placed under this contract.

37. Organizational Conflicts Of Interest (FCX-FSS-16)

a. Definitions.

"Contractor" means the person, firm, unincorporated association, joint venture, partnership, or corporation that is a party to this contract.

"Contractor and its affiliates" and "Contractor or its affiliates" refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants and any joint venture involving the Contractor, any entity into or



with which the Contractor subsequently merges or affiliates or any other successor or assignee of the Contractor.

An “Organizational conflict of interest” exists when the nature of the work to be performed under a proposed Government contract, without some restriction on activities by the Contractor and its affiliates, may either (1) result in an unfair competitive advantage to the Contractor or its affiliates or (2) impair the Contractor’s or its affiliates” objectivity in performing contract work.

- b. To avoid an organizational or financial conflict of interest and to avoid prejudicing the best interest of the Government, ordering offices may place restrictions on the Contractors, it affiliates, chief, executives, directors, subsidiaries and subcontractors at any tier when placing orders against schedule contracts. Such restrictions shall be consistent with FAR 9.505 and shall be designed to avoid, neutralize, or mitigate organizational conflicts of interest that might otherwise exist in situations related to individual orders placed against the schedule contract. Examples of situations, which may require restrictions are provided at FAR 9.508.

38. Invoices

ALION, upon completion of the work ordered, shall submit invoices for Professional Engineering Services. Progress payments may be authorized by the ordering office on individual orders if appropriate. Progress payments shall be based upon completions of defined milestones or interim products. Invoices shall be submitted monthly for recurring services performed during the preceding month.

39. Payments

For firm-fixed price orders the Government shall pay ALION, upon submission of proper invoices or vouchers, the prices stipulated in this contract for service rendered and accepted. Progress payments shall be made only when authorized by the order. For time-and-materials orders, the Payments under Time-and-Materials and Labor-Hour Contracts (FEB 1997) at FAR 52.232-7 apply to time-and materials orders placed under this contract.

40. Resumes

ALION resumes shall be provided to the GSA Contracting Officer or the user agency upon request.



41. Company Overview

Alion Science and Technology (*pronounced: ah-LYE-un*) is an employee-owned technology solutions company delivering technical expertise and operational support to the Department of Defense, civilian government agencies and commercial customers. Building on 70 years of R&D and engineering experience, Alion brings innovation and insight to multiple business areas: defense operations; modeling & simulation; wireless communication; industrial technology; chemical, biological, nuclear & environmental sciences; information technology; and naval architecture and marine engineering. Based in McLean, Va., Alion has employee-owners at major offices, customer sites and laboratories worldwide. For more information, call 877.771.6252 or visit Alion online at www.alionscience.com.

42. Professional Engineering Services — Point of Contact

Sr. Contracts Administrator

Eun-Hee Kang

703.259.5235

ekang@alionscience.com



SOLICITATION PROVISIONS/CONTRACT CLAUSES

NOTICE: "Architect-Engineering (A/E) Services as that term is defined in FAR 36.601-3 are excluded from the Professional Engineering Services' Schedule. If the agency's statement of work, substantially or to a dominant extent, specifies performance or approval by a registered or licensed architect or engineer for services related to real property, the Brooks Architect-Engineers Act applies and such services must be procured in accordance with FAR Part 36. Use of this schedule for Brooks Act architectural or engineering services is not authorized."

C.1 STATEMENT OF WORK BACKGROUND

This is a new solicitation for Professional Engineering Services (PES). The purpose of this solicitation is to provide a vehicle for all Government agencies to obtain the services of qualified/experienced contractor(s) under a Multiple Awards Federal Supply Schedule (FAR Part 8--as well as Part 38) that will provide PES in an efficient, streamlined, and cost effective manner in accordance with applicable statutes and regulations. Agencies will issue task orders in accordance with the procedures found in the Ordering Procedures for Services Provision and the Special Provisions for Task Orders, of this solicitation to obtain the services required. A task order may contain any service or combination of services described herein. The contractor may be required to manage more than one task at a time. However, there is no guarantee as to the volume of work that may be required by task orders.

OBJECTIVE

To provide a Multiple Award Schedule to Federal government agencies for obtaining high quality professional engineering services in varying degrees, from small-scale to broad-based efforts to complete outsourcing.

SCOPE OF WORK

The contractor shall provide all resources including personnel, management, supplies, services, materials, equipment, facilities and transportation necessary to provide a wide range of professional engineering services as specified in each task order.

Services specified in a task order may be performed at the contractor's facilities or the ordering agencies' facilities. The Government will determine the Contractor's compensation by any of several different methods (to be specified at the task order level) e.g., a firm-fixed price for services with or without incentives, labor hours or time-and-materials.



Primary Engineering Discipline Descriptions

This contract defines two Primary Engineering Disciplines (PEDs) which may be used under each of the contract SINS: electrical engineering, mechanical engineering and civil engineering.

Electrical Engineering - Planning, design, development, evaluation and operation of electrical principles, models and processes.

It includes, but is not limited to, the design, fabrication, measurement and operation of electrical devices, equipment and systems (e.g., signal processing; telecommunication; sensors, microwave, and image processing; micro-fabrication; energy systems and control; micro- and nano-electronics; plasma processing; laser and photonics; satellites, missiles and guidance systems, space vehicles, fiber optics, robotics, etc.).

Within the electrical engineering discipline, there are several specialties within the scope of this work; a partial listing follows:

- | | | |
|--|--|--|
| ✓ Aerospace and Electronic Systems | ✓ Antennas and Propagation | ✓ Broadcast Technology |
| ✓ Circuits and Systems | ✓ Communications | ✓ Components Packaging, and Manufacturing Technology |
| ✓ Computer* | ✓ Consumer Electronics | ✓ Control Systems |
| ✓ Dielectrics and Electrical Insulation | ✓ Education | |
| ✓ Geoscience & Remote Sensing | ✓ Engineering Management | ✓ Electromagnetic Compatibility |
| ✓ Information Theory | ✓ Industrial Electronics | ✓ Engineering in Medicine and Biology |
| ✓ Lasers & Electro-Optics | ✓ Intelligent Transportation Systems | |
| ✓ Nuclear and Plasma Sciences | ✓ Magnetics | ✓ Industry Applications |
| ✓ Power Electronics | ✓ Neural Networks Council | ✓ Instrumentation and Measurement |
| ✓ Reliability | ✓ Power Engineering | ✓ Microwave Theory and Techniques |
| ✓ Solid-State Circuits | ✓ Robotics & Automation | ✓ Oceanic Engineering |
| ✓ Vehicular Technology | ✓ Systems, Man, and Cybernetics | ✓ Professional Communication |
| ✓ Signal Processing on Social Implications of Technology | ✓ Ultrasonics, Ferroelectrics, and Frequency Control | ✓ Other Electrical Engineering Specialties not listed in the "Services not Included Paragraph" |



Mechanical Engineering:

Planning, development, evaluation and control of systems and components involving the production and transfer of energy and with the conversion of one form of energy to another.

It includes, but is not limited to, planning and evaluation of power plants, analysis of the economical combustion of fuels, conversion of heat energy into mechanical energy, use of mechanical energy to perform useful work, analysis of structures and motion in mechanical systems, and conversion of raw materials into a final product, etc. (e.g., thermodynamics, mechanics, fluid mechanics, jets, rocket engines, internal combustion engines, steam and gas turbines, continuum mechanics, dynamic systems, dynamics fluid mechanics, heat transfer, manufacturing, materials, solid mechanics, reactors, etc.).

Within the mechanical engineering discipline, there are several specialties within the scope of this work. A partial listing follows:

- ✓ ASME Heat Transfer/K16
- ✓ Applied Mechanics
- ✓ Dynamic Systems and Control
- ✓ Fluids Engineering
- ✓ Heat Transfer
- ✓ International Gas Turbine
- ✓ Materials
- ✓ Noise Control and Acoustics
- ✓ Ocean Engineering
- ✓ Plant Engineering and Maintenance
- ✓ Process Industries
- ✓ Solar Energy
- ✓ Textile Engineering
- ✓ Tribology
- ✓ Advanced Energy Systems
- ✓ Bioengineering
- ✓ Electrical and Electronic Packaging
- ✓ Fluids Power Systems and Technology
- ✓ Information Storage and Processing Systems
- ✓ Manufacturing Engineering*
- ✓ Management
- ✓ Materials Handling Engineering*
- ✓ Non-Destructive Evaluation Engineering
- ✓ Offshore Mechanics and Arctic Engineering
- ✓ Rail Transportation
- ✓ Power
- ✓ Other Mechanical Engineering Specialties not listed in the Services not Included Paragraph"
- ✓ Aerospace Engineering
- ✓ Design Engineering*
- ✓ Environmental Engineering*
- ✓ Fuels and Combustion Technologies
- ✓ Internal Combustion Engine
- ✓ Microchannel flow and heat transfer
- ✓ Nuclear Engineering
- ✓ Petroleum
- ✓ Pressure Vessels and Piping
- ✓ Safety Engineering and Risk Analysis
- ✓ Technology and Society
- ✓ Solid Waste Processing



Civil Engineering:

It includes but is not limited to planning, evaluation and operations of power generating plants, the production, furnishing, construction, alteration, repair, processing or assembling of vessels, aircraft or other kinds of personal property, including heating, ventilation and air conditioning for such vessels and/or aircrafts.

There are several specialties within the civil engineering discipline scope of work. The following is a partial list:

- ✓ Environmental
- ✓ Geotechnical
- ✓ Transportation
- ✓ Structural
- ✓ Surveying
- ✓ Water Resources
- ✓ Other Civil Engineering
Specialties not listed in
the "Services Not
Included Paragraph"

Types Of Engineering Services

The following listing represents a sampling of the types of engineering services Alion will provide under this contract. Additional services may be added to this list as required to meet the needs of our clients.

Engineering Service	Electrical	Mechanical	Civil
Acquisition and life cycle management	X	X	X
Analysis of program goals, mission, objectives, performance	X	X	X
Assessment Support	X	X	X
Computer Aided Design (CAD)	X	X	X
Computer Aided Engineering (CAE)	X	X	X
Computer Aided Management (CAM)	X	X	X
Concept development	X	X	X
D&D (decontamination and decommissioning)	X	X	X
Demonstration and Validation	X	X	X
Design/Specifications	X	X	X
Documentation and Information Dissemination	X	X	X
Economic/Business case analysis	X	X	X
Economic impact evaluations	X	X	X
Education/training	X	X	X
Environmental control for electrical units (e.g., cooling units)	X	X	X
Forensic engineering	X	X	X
Independent Verification and Validation (IV&V)	X	X	X



Engineering Service	Electrical	Mechanical	Civil
Information services (studies, impact statements, program development, project documentation, data collection, data analysis/evaluation, etc.)	X	X	X
Instrumentation	X	X	X
Integration	X	X	X
Investigative Engineering Service	X	X	X
Life Cycle Costing	X	X	X
Logistics	X	X	X
Long-term Reliability and Maintainability	X	X	X
Migration Strategy	X	X	X
National Academy of Sciences studies	X	X	X
O&M (operation and maintenance)	X	X	X
Operations Research (Non R&D)	X	X	X
Permitting and Licensing	X	X	X
Plan, organize, establish, implement, manage, maintain, upgrade and control of technical systems	X	X	X
Privatization	X	X	X
Program and Project management	X	X	X
Prototype development and first article(s) production	X	X	X
Radar/Sonar	X	X	
Regulatory compliance support	X	X	X
Reliability and Maintainability Analysis	X	X	
Reverse engineering	X	X	X
Signal processing	X	X	
Simulation and modeling	X	X	
Site development	X	X	X
Source data development (forward engineering hardware and software systems)	X	X	X
Source data validation (existing hardware and software systems)	X	X	X
Special projects and studies	X	X	X
Statistical analysis	X	X	X
Support services	X	X	X
Systems engineering data base development, maintenance, and analysis	X	X	X
Technical analysis	X	X	X
Technical and management support	X	X	X
Technical writing/editorial support	X	X	X
T&E (test and evaluation) of products and systems	X	X	X

Types of Services Not Included*:

The following services are not currently being solicited.

1. Construction and Architect-Engineering services as set forth in FAR Part 36 (including construction, alteration or repair (including dredging, excavating and painting) of buildings, structures, or other real property).
2. Computer Engineering and Information Technology



3. Environmental Advisory Services as listed below are not currently being solicited:
 - Environmental Planning Services & Documentation (i.e., environmental impact statements; endangered species, wetlands, watersheds and other natural resource management plans, studies and consultations; archeological, historic and other cultural resources management plans, studies, and consultations; economic, technical, and risk analyses in support of environmental needs)
 - Environmental compliance services (i.e., environmental compliance audits; compliance management planning; pollution prevention surveys;
 - Environmental/occupational training services specific to environmental planning and environmental compliance as discussed above (i.e., conventional course development and presentation; customized courses to meet specific needs; computer-based interactive course development)
 - Waste management services (i.e., data collection, data development, analyses of comments, regulatory and economic analyses, feasibility analyses, hazard assessments, exposure assessments, and risk analyses. Examples include, but are not limited to development of waste characterization studies and recommendations for management strategy including identification of recycling options. Assessments might include studies relating to collection and transfer of waste, source reduction, and evaluation of energy/fuel options. Services could include data collection, data development, analyses of comments, regulatory and economic analyses, feasibility analyses, hazard assessments, exposure assessments and risk analyses.
 - Hazardous materials management advisory services (i.e., furnishing of Material Safety Data Sheets (MDS) by compact disc, on-line via Internet, mail or facsimile (FAX); reporting and compliance software, hazardous materials tracking software and other related software/services.
 - Telephone advisory services (i.e., telephone assistance with hazardous material spills, poisons, MSDS, and other related services).
4. Foundations and Landscaping Engineering.
5. Heating, Ventilation and Air-Conditioning (HVAC) related to buildings, structures, or other real property set forth for Construction and Architect-Engineering services governed by FAR Part 36. Please note that HVAC related to the manufacture, production, furnishing, construction, alteration, repair, processing or assembling of vessels, aircraft, or other kinds of personal property IS included and solicited within the scope of PES.
6. Research and Development as set forth in FAR Part 35.
7. Products/materials already solicited under other Federal Supply Service (FSS) Schedule contracts (e.g., information technology, paper, chemicals, pharmaceuticals, laboratory instruments, etc.). However, PES contractors may team across FSS Schedules to provide a total solution to agency requirements.



Special Item Number

Description

Table of Awarded Special Item Numbers

Special Item Numbers (SINs)
SIN 871-1 and SIN 871-1RC Strategic Planning for Technology Programs/Activities
SIN 871-2 and SIN 871-2RC Concept Development and Requirements Analysis
SIN 871-3 and SIN 871-3RC System Design, Engineering, and Integration
SIN 871-4 and SIN 871-4RC Test and Evaluation
SIN 871-5 and 871-5RC Integrated Logistics Support
SIN 871-6 and 871-6RC Acquisition and Life Cycle Management
SIN 871-7 and 871-7RC Construction Management

871-1 and 871-1RC

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.

871-2 and 871-2RC

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 including examination of performance and cost tradeoffs.



871-3 and 871-3RC

SYSTEM DESIGN, ENGINEERING AND INTEGRATION

Services required under this SIN involve the translation of a system (or subsystem, program, project, 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.

871-4 and 871-4RC

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 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.

871-5 and 871-5RC

INTEGRATED LOGISTICS SUPPORT

Services required under this SIN involves 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.



871-6 and 871-6RC

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, 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 (including, but not limited to, construction 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.



871-7 and 871-7RC

Construction Management

Customer agencies shall utilize construction managers as its principal agent to advise on or manage the process over the project regardless of the project delivery method used. The Construction Manager assumes the position of professional adviser or extension of staff to the customer agency. The Construction Manager frequently helps the customer agency identify which delivery method is the best for the project. The construction management approach utilizes a firm (or team of firms) with construction, design and management expertise to temporarily expand the customer agency's capabilities, so that they can successfully accomplish their program or project. The Construction Manager also provides expert advice in support of the customer agency's decisions in the implementation of the project. The following are some of the tasks to be covered under Construction Management:

Project Design Phase Services: These services may include: design technical reviews; code compliance reviews; constructability reviews; analysis of Value Engineering proposals; preparation of cost estimates (including independent check estimates); cost analysis; cost control/monitoring; energy studies; utility studies; site investigations; site surveys; scheduling (including preparation of schedules and schedule reviews); review of design scope changes (including analysis of schedule impact); scheduling/conducting/documenting design related meetings; and performing market studies (material availability, contractor interest, etc.).

Project Procurement Phase Services: These services may include: providing assistance to the Contracting Officer in contract procurement; answering bid/RFP questions; attending/participating in site visits; attending/participating in pre-bid conferences; preparing and issuing solicitation amendments for review and approval by the Government Contracting Officer; and performing cost/bid/proposal analysis.

Project Construction Phase Services. These services may include: establishing temporary field offices; setting up job files, working folders, and record keeping systems; maintaining organized construction files; scheduling and conducting preconstruction meetings; documenting actions taken and decisions made, etc.; monitoring the submittal review process; review and monitoring of project schedules for construction progress with emphasis on milestone completion dates, phasing requirements, work flow, material deliveries, test dates, etc.; assisting in problem resolution and handling of disputed issues (including development of Government position); maintaining marked up sets of project plans and specifications for future as-built drawings; performing routine inspections of construction as work proceeds, taking action to identify work that does not conform to the contract requirements, and notifying the contractors when work requires correction; compiling, through site inspections, lists of defects and omissions related to the work performed and providing these lists to the contractor for correction; review of construction contractor payment requests (including preparation of necessary forms for payment processing); monitoring project financial data and budgetary cost accounting; administration of construction contract change orders (issuing proposal requests, preparing cost estimates, reviewing cost proposals, assisting agency in negotiations, preparing change order packages for processing); scheduling, conducting, and documenting regular progress meetings with all interested parties to review project status, discuss problems, and resolve issues; scheduling, conducting, and documenting (prepare minutes, etc. for distribution) construction related project meetings; monitoring construction contractor compliance with established safety



standards (note and report unsafe working conditions, failures to adhere to safety plan required by construction contract); monitoring construction contractor's compliance with

contract labor standards; coordination of construction activities with customer Managers and occupying agency personnel; monitoring the design and construction clarification process and, when appropriate, reminding the A/E and other parties involved of the need for timely actions; participating in all "Partnering" activities during construction (workshops, meetings, etc.); preparing special reports and regular project status reports; providing for progress and/or final photographs of project work; perform site surveys; provide assistance in obtaining permits; perform hazardous material assessments and monitoring of hazardous material abatement work; and provide cost estimating assistance.

Commissioning Services. These services shall include, but are not limited to, providing professional and technical expertise for start-up, calibration, and/or certification of a facility or operating systems within a facility. The CM must be able to provide any level of commissioning need from total support to specialty services. Commissioning services may require start-up planning, forecasting start-up duration, estimating start-up costs, determining start-up objectives, organizing start-up teams and team assignments, testing building system components, conducting performance tests.

Testing Services: The CM may be tasked to provide the services of an independent testing agency/laboratory to perform project specific quality control testing and inspection services. The services may include, but are not limited to, testing/inspection of soils, concrete, precast concrete connections, steel, steel decking, applied fireproofing, roofing, curtain walls/glazing, and elevator installations.

Claims Services. The CM may be tasked to provide Claims Services when and as required by the Government for specific projects. The CM will review disputes and claims from the A&E and/or construction contractor(s) and render all assistance that the Government may require, including, but not limited to, the following: Furnishing reports with supporting information necessary to resolve disputes or defend against the claims; preparation and assembly of appeal files; participation in meetings or negotiations with claimants; appearance in legal proceedings; preparation of cost estimates for use in claims negotiations; preparation of risk assessments/analyses relative to claim exposures; preparation of findings of fact and any other documentation required by the Government.

Post Construction Services. At or near substantial completion of project construction, the CM may be tasked to provide services such as: Performing Post Occupancy Evaluations (POEs); assisting Agency in the formulation of lessons learned; providing occupancy planning including development of move schedules, cost estimates, inventory lists, etc.; providing move coordination, relocation assistance, and/or furniture coordination; providing telecommunication and computer coordination.

Contractors are awarded one or more of the following primary engineering disciplines (PEDs) under this Special Item Number:

Chemical Engineering (CE)
Civil Engineering (CI)
Electrical Engineering (EE) Mechanical Engineering (ME)



NOTE: Architect-Engineering (A/E) Services as that term is defined in FAR 36.601-3 are excluded from the PES Schedule. If the agency's statement of work, substantially or to a dominant extent, specifies performance or approval by a registered or licensed architect or engineer for services related to real property, the Brooks Act applies and such services must be procured in accordance with FAR Part 36. Use of this schedule for Brooks Act architectural or engineering services is not authorized.

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



Labor Categories

For SINS

Engineering Program Manager

Oversees major programs or performs independent work of significant technical value for government and industry customers. Has outstanding knowledge and competence in one or more specific technical areas and is recognized internally and externally as exceedingly well qualified to conceptualize, manage, coordinate, and carry out complex projects and programs. External reputation may be national or international within area of expertise. Applies expert knowledge of scientific concepts, principles, and practices in his/her field of expertise and contributes to advancing that field. Manages resources and activities or defines technical approaches to be implemented by others. Prepares and delivers presentations to colleagues, subordinates, and government representatives. Responsible for the cost, schedule, and technical performance of the company on assigned program from inception through completion. Manages technical and administrative staff and provides ongoing direction in the performance of the assigned program. Develops and monitors program plan including time and cost estimates. Ensures project outputs are delivered on schedule and within funding. Establishes milestones and monitors adherence to program plan and schedule, identifies program problems, and obtains solutions, such as allocation of resources or changing contractual specifications. Prioritizes workload and determines staffing levels and any adjustments in staffing. Maintains a staffing level to ensure technical quality and appropriate experience levels are consistent with current and projected project activities. Reviews reports and briefings prepared by technical staff for quality. Leads technical discussions for project reviews. Prepares and delivers formal briefings. Ensures that appropriate training is delivered to program staff. Establishes and maintains effective relationships with customer, subcontractors, other prime contractors and other outside agencies. Acts as primary customer contact for program activities. Regularly meets with and updates the customer on project status. Leads program review sessions with customer to discuss cost, schedule, and technical performance.

Level III

Education/Experience Requirement: A Master of Science degree (doctorate preferred) and 20 or more years of experience is generally required.

Level II

Education/Experience Requirement: A Bachelor's degree plus 12 years of relevant work experience is required.

Alternate Education/Experience Requirement: Master's degree plus 10 years of relevant work experience and/or doctorate plus 8 years of relevant work experience is required.

Level I

Education/Experience Requirement: Bachelor of Science degree plus 8 years of relevant work experience

Alternate Education/Experience Requirement: Master's degree plus 6 years of relevant work experience and/or Doctorate plus 4 years of relevant work experience is required.



Engineering Project Manager – III

Manages the project in order to expand participation, anticipating and meeting customer needs; directs the tactical activities of the program including, but not limited to, engineering, finance and operations. General experience includes working with all phases of the development life cycle as well as obtaining increasing levels of management experience. Technical experience shall include the specific engineering discipline, system, products, or field of study applicable to the assigned task/project. Responsible for performing engineering activities for the assigned task or project. Responsible for some or all of staffing, cost, and quality performance for the assigned project and task areas. Responsible for the resolution of technical issues. Analyzes engineering requirements and directs/conducts engineering design activities. Conducts engineering analysis, design, and development for areas requiring a moderate degree of experience, training, and skill.

Level III

Education/Experience Requirement: A Master of Science degree (doctorate preferred) and 20 or more years of experience is generally required.

Level II

Education/Experience Requirement: A Bachelor's degree plus 12 years of relevant work experience is required.

Alternate Education/Experience Requirement: Master's degree plus 10 years of relevant work experience and/or doctorate plus 8 years of relevant work experience is required.

Level I

Education/Experience Requirement: Bachelor of Science degree plus 8 years of relevant work experience

Alternate Education/Experience Requirement: Master's degree plus 6 years of relevant work experience and/or Doctorate plus 4 years of relevant work experience is required.

Subject Matter Expert

An organizational expert in the mechanical, electrical, chemical, components of civil engineering, aerospace, nuclear, bioengineering, science or marine architecture fields. Provides technical knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems that need extensive knowledge of the subject matter for effective implementation. Participates as needed in all phases of science and engineering disciplines with emphasis on the planning, analysis, testing, integration, documentation, and presentation phases. Applies principles, methods and knowledge of the functional area of capability to specific task order requirements, advanced mathematical principles and methods to exceptionally difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions. May have authored and published articles or books in field of expertise.



Level III

Education/Experience Requirement: A Master of Science degree (doctorate preferred) and 20 or more years of experience is generally required.

Level II

Education/Experience Requirement: A Bachelor's degree plus 12 years of relevant work experience is required.

Alternate Education/Experience Requirement: Master's degree plus 10 years of relevant work experience and/or doctorate plus 8 years of relevant work experience is required.

Level I

Education/Experience Requirement: Bachelor of Science degree plus 8 years of relevant work experience

Alternate Education/Experience Requirement: Master's degree plus 6 years of relevant work experience and/or Doctorate plus 4 years of relevant work experience is required.

Engineer

Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials. Applies knowledge of and experience with engineering principles and techniques to develop moderately complex specifications and procedures, develop and analyze designs, and evaluate technical reports. Conducts research concerned with design, manufacture and test of components, equipment and systems, including application of equipment to new uses. Creates and analyzes moderately complex engineering designs.

Level V

Education/Experience Requirement: A Master of Science degree (doctorate preferred) and 20 or more years of experience is generally required.

Level IV

Education/Experience Requirement: A Bachelor's degree plus 12 years of relevant work experience is required.

Alternate Education/Experience Requirement: Master's degree plus 10 years of relevant work experience and/or doctorate plus 8 years of relevant work experience is required.

Level III

Education/Experience Requirement: Bachelor of Science degree plus 8 years of relevant work experience

Alternate Education/Experience Requirement: Master's degree plus 6 years of relevant work experience and/or Doctorate plus 4 years of relevant work experience is required.



Level II

Education/Experience Requirement: A Bachelor of Science degree plus 4 years of relevant work experience is required.

Level I

Education/Experience Requirement: A Bachelor of Science degree plus 0 - 2 years of relevant work experience is required.

Technician III

Designs components, equipment, and test sets and executes procedures and processes in conjunction with requirements and specifications developed by engineering staff. Conducts or supports the development of new designs, methods, materials and processes; obtains, correlates, and analyzes complex technical information needed to accomplish assigned tasks; prepares detailed engineering reports, charts, graphs, and other documentation; maintains safety and security programs and assists in inspections and follow up reporting; monitors facility support systems; oversees and/or completes emergency repairs and routine maintenance; monitors operational procedures and recommends changes and enhancements.

Education/Experience Requirement: An Associates degree or equivalent training and 4 years of experience is required.

Technician II

Obtains, correlates, and analyzes standard technical information needed to accomplish assigned tasks; prepares routine engineering reports, charts, graphs, and other documentation; maintains safety and security programs and assists in inspections and follow up reporting; monitors facility support systems; oversees and/or completes emergency repairs and routine maintenance.

Education/Experience Requirement: An Associates degree or equivalent training and 4 years of experience is required.

Technician I

Works under the supervision of more experienced staff, performing routine technical support in the conduct of analysis, experiments, and tests. Calibrates and/or operates standard laboratory equipment. Sets up or installs materials, equipment and apparatus for use in experiments and tests. Observes experiments, records test data, performs routine analyses and maintenance, prepares charts and graphs, and complies with safety and security procedures in the performance of work.

Education/Experience Requirement: An Associates degree or equivalent training is required.



Secretarial/Administrative Support

Working under general supervision, provides secretarial, clerical, and administrative support to technical and managerial staff.

Education/Experience Requirement: An Associates degree or equivalent training and 4 years of experience is required.

Financial Analyst II

Develops, analyzes, forecasts and reports on programmatic and financial operating data. Establishes and maintains contract cost and schedule performance baseline, monitors performance, supports development of Work Breakdown Structures (WBS), supports development of estimates to complete and has thorough understanding of related financial policies. Supports contractual scheduling as required, implements earned value methodologies (as applicable), and performs related variance analyses. Prepares written and verbal reports regarding cost and performance schedule variances. Ensures that job cost information is accurately reported and timely. Handles routine and large projects and functions on a division or operation level. Provides training and guidance to less experienced Business Analysts.

Education/Experience Requirement: Generally requires a bachelors degree and three years of experience



Labor Category Rates

Contractor Site

GSA approved rates for use during the base period of performance are shown below.
All rates include the GSA 0.75% Industrial Funding Fee.

Alion Site Rates	Option 1				
	6/8/2009 6/7/2010	6/8/2010 6/7/2011	6/8/2011 6/7/2012	6/8/2012 6/7/2013	6/8/2013 6/7/2014
Engineer Program Manager III	\$ 279.24	\$ 290.41	\$ 302.02	\$ 314.11	\$ 326.67
Engineer Program Manager II	\$ 204.67	\$ 212.85	\$ 221.37	\$ 230.22	\$ 239.43
Engineer Program Manager I	\$ 162.46	\$ 168.96	\$ 175.72	\$ 182.74	\$ 190.05
Engineer Project Manager III	\$ 226.61	\$ 235.67	\$ 245.10	\$ 254.90	\$ 265.10
Engineer Project Manager II	\$ 189.82	\$ 197.41	\$ 205.31	\$ 213.52	\$ 222.06
Engineer Project Manager I	\$ 145.56	\$ 151.38	\$ 157.44	\$ 163.74	\$ 170.28
Subject Matter Expert III	\$ 217.27	\$ 225.96	\$ 235.00	\$ 244.40	\$ 254.18
Subject Matter Expert II	\$ 186.89	\$ 194.36	\$ 202.14	\$ 210.22	\$ 218.63
Subject Matter Expert I	\$ 127.89	\$ 133.00	\$ 138.32	\$ 143.86	\$ 149.61
Engineer V	\$ 210.01	\$ 218.39	\$ 227.10	\$ 231.99	\$ 241.26
Engineer IV	\$ 170.65	\$ 177.46	\$ 184.55	\$ 188.52	\$ 196.03
Engineer III	\$ 145.53	\$ 151.36	\$ 157.43	\$ 163.71	\$ 170.28
Engineer II	\$ 112.90	\$ 117.41	\$ 122.09	\$ 126.99	\$ 132.10
Engineer I	\$ 87.55	\$ 91.04	\$ 94.67	\$ 98.47	\$ 102.42
Technician III	\$ 90.07	\$ 93.70	\$ 97.46	\$ 101.33	\$ 105.35
Technician II	\$ 65.82	\$ 68.46	\$ 71.18	\$ 74.04	\$ 77.00
Technician I	\$ 49.05	\$ 51.02	\$ 53.07	\$ 55.21	\$ 57.43
Secretarial/Administrative	\$ 57.95	\$ 60.28	\$ 62.66	\$ 65.21	\$ 67.81
Financial Analyst II	\$ 125.79	\$ 130.81	\$ 136.04	\$ 141.49	\$ 147.14



Labor Category Rates

Government Site

GSA approved rates for use during the base period of performance are shown below. All rates include the GSA 0.75% Industrial Funding Fee.

Government Site Rates		Option 1			
		6/8/2009 6/7/2010	6/8/2010 6/7/2011	6/8/2011 6/7/2012	6/8/2012 6/7/2013
Engineer Program Manager III	\$ 250.64	\$ 260.66	\$ 271.09	\$ 281.93	\$ 293.21
Engineer Program Manager II	\$ 170.66	\$ 177.49	\$ 184.59	\$ 191.97	\$ 199.65
Engineer Program Manager I	\$ 148.53	\$ 154.47	\$ 160.65	\$ 167.08	\$ 173.76
Engineer Project Manager III	\$ 215.21	\$ 223.82	\$ 232.77	\$ 242.08	\$ 251.76
Engineer Project Manager II	\$ 166.54	\$ 173.20	\$ 180.13	\$ 187.33	\$ 194.83
Engineer Project Manager I	\$ 132.19	\$ 137.48	\$ 142.98	\$ 148.69	\$ 154.64
Subject Matter Expert III	\$ 197.01	\$ 204.90	\$ 213.09	\$ 221.61	\$ 230.48
Subject Matter Expert II	\$ 152.91	\$ 159.03	\$ 165.39	\$ 172.00	\$ 178.88
Subject Matter Expert I	\$ 114.78	\$ 119.38	\$ 124.15	\$ 129.12	\$ 134.28
Engineer V	\$ 144.03	\$ 149.79	\$ 155.78	\$ 161.99	\$ 168.49
Engineer IV	\$ 117.04	\$ 121.71	\$ 126.59	\$ 131.65	\$ 136.92
Engineer III	\$ 99.81	\$ 103.82	\$ 107.98	\$ 112.30	\$ 116.79
Engineer II	\$ 77.45	\$ 80.55	\$ 83.75	\$ 87.11	\$ 90.60
Engineer I	\$ 60.04	\$ 62.44	\$ 64.92	\$ 67.54	\$ 70.26
Technician III	\$ 61.78	\$ 64.26	\$ 66.85	\$ 69.51	\$ 72.27
Technician II	\$ 45.15	\$ 46.94	\$ 48.81	\$ 50.78	\$ 52.81
Technician I	\$ 33.66	\$ 35.00	\$ 36.41	\$ 37.87	\$ 39.40
Secretarial/Administrative	\$ 39.76	\$ 41.34	\$ 42.98	\$ 44.72	\$ 46.50
Financial Analyst II	\$ 86.28	\$ 89.72	\$ 93.31	\$ 97.05	\$ 100.92

Note: *ALION-SITE is defined as effort performed at the Contractor's facilities; CLIENT-SITE is defined as effort performed at the Customer's facilities, no facility costs being incurred by Contractor, all equipment and fixtures supplied by the Customer, and the duration of the task at least six (6) months. **Contractor will analyze each individual order to determine if an additional discount can be offered.