



AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICELIST  
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY  
EQUIPMENT, SOFTWARE AND SERVICES



**Order-Level Materials 54151S - INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES**

**Note 1:** All non-professional labor categories must be incidental to and used solely to support hardware, software and/or professional services, and cannot be purchased separately.

**Note 2:** Offerors and Agencies are advised that the Group 70 – Information Technology Schedule is not to be used as a means to procure services which properly fall under the Brooks Act. These services include, but are not limited to, architectural, engineering, mapping, cartographic production, remote sensing, geographic information systems, and related services. FAR 36.6 distinguishes between mapping services of an A/E nature and mapping services which are not connected nor incidental to the traditionally accepted A/E Services.

**Note 3:** This schedule is not intended to solicit for the reselling of IT Professional Services, except for the provision of implementation, maintenance, integration, or training services in direct support of a product. Under such circumstances the services must be performance by the publisher or manufacturer or one of their authorized agents.

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**Contract Number: GS-35F-0587N**

Period Covered by Contract: May 9<sup>th</sup> 2018 to May 8<sup>th</sup> 2023

General Services Administration  
Federal Acquisition Service

Pricelist current through Modification # A812, dated February 17, 2020.

All IT Professional Services and ordering information in this Authorized FSS Information Technology Schedule Pricelist are also available on the GSA Advantage! System (<http://www.gsaadvantage.gov>).

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## 1. CUSTOMER INFORMATION

This list is only for Order-Level Materials 54151S Information Technology Professional Services

- OLM 54151S - INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES
- Identification of the lowest priced labor category description, job title # and hourly rate **awarded under the contract** is shown in the attached price list.
- Labor Category Descriptions of all corresponding commercial job titles, experience, functional responsibility **and education are outlined in the attached table that is part of** this pricelist.

## 2. MAXIMUM ORDER

**(All dollar amounts are exclusive of any discount for prompt payment.)**

The Maximum Order Value for the following Order-Level Materials (OLMs) is \$500,000:

**Order-Level Materials 54151S** - Information Technology (IT) Professional Services. SIM&S may refuse an order exceeding this Maximum Order Value if it returns the order to the ordering office within five (5) workdays after receipt and states that it does not intend to provide the services called for and the reason(s).

## 3. MINIMUM ORDER

The minimum dollar value of orders to be issued is not less than \$100 as specified in the GSA Contract identified on the cover of this price schedule, section C.10, ORDER LIMITATIONS, paragraph (a) Minimum Order.

## 4. GEOGRAPHIC SCOPE OF CONTRACT

The Geographic Scope of Coverage is Domestic Delivery. *Domestic delivery* is delivery within the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories. Domestic delivery also includes a port or consolidation point, within the aforementioned areas, for orders received from overseas activities.

## 5. QUANTITY DISCOUNTS

No discount offered based on quantity.

## 6. PROMPT PAYMENT TERMS

None offered.

## 7. Government Purchase Cards:

Government Purchase Cards will be accepted however no additional discounts will apply under the contract.

## 8. Government Educational Institutional Discounts:

The Government Educational Institutions are offered the same types of discounts and concessions under this contract as all other Government customers.

## 9. Foreign Items:

No foreign items are awarded under this contract.

## 10. Delivery Terms

### 10.1. Normal

As negotiated between SIM&S and the Ordering Activity

### 10.2. Expedited

As negotiated between SIM&S and the Ordering Activity

### 10.3. Overnight and 2-day delivery

As negotiated between SIM&S and the Ordering Activity

### 10.4. Urgent Requirements

When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, ordering activities 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 activity, 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.

## 11. F.O.B. POINT(S)

- For services provided at the customer's site for delivery at the same site– FOB destination
- For data generated at the customer's site using Government provided material for delivery at the same site – FOB destination
- For services provided at SIM&S site– FOB location is not applicable.
- For data generated at SIM&S site and shipped to customer site – FOB Destination by unit via the least expensive surface method required under the GSA MAS contract unless another method is otherwise required, quoted, and awarded via the customer's purchasing order.

## 12. ORDERING

### 12.1. ADDRESS

Use the address on page 1 of this document.

### 12.2. PROCEDURES

To place an order with SIM&S Monday through Friday during regular business hours of 8AM – 5PM US Central Time:

Via mail or overnight delivery: send to street address shown on cover page with notation on front of envelope "**ATTN: GSA Schedule 70 Order**".

Via telephone: Director of Contracting, at voice number shown on cover page.

Via telefacsimile: use the telefacsimile number shown on cover page and send to the attention of the **Director of Contracting** with subject of “**ATTN: GSA Schedule 70 Order**”.

Via e-mail with attached order in Microsoft WORD or ADOBE PDF format AND “**GSA Schedule 70 Order**” in subject line: to [info@sim-s.com](mailto:info@sim-s.com)

### **13. PAYMENT ADDRESS**

Payments should be sent to the SIM&S address on the cover page to the attention of “**Accounts Receivables**”.

### **14. WARRANTY / GUARANTEE PROVISION**

SIM&S warrants and implies that items delivered under an order for services against this Schedule are merchantable and fit for use for the particular purpose described in the order.

### **15. EXPORT PACKING CHARGES**

Typically, export of data is not applicable. Otherwise, charges will be at cost + G&A.

### **16. LIST OF PARTICIPATING DEALERS**

SIM&S does not authorize any participating dealers under this contract.

### **17. ENVIRONMENTAL ATTRIBUTES**

Not applicable.

### **18. SECTION 508 COMPLIANCE**

Contact SIM&S for Section 508 compliance information. The EIT standards can be found at: <http://www.section508.gov>

### **19. LIABILITY FOR INJURY OR DAMAGE**

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

## **20. SIM&S IDENTIFICATION NUMBERS AND BUSINESSIZE**

- 20.1. The DUNS number for SIM&S is 807006804.
- 20.2. Taxpayer identification number (TIN) is
- 20.3. CAGE Code is 01HD2
- 20.4. SIM&S is a small, minority owned business.
- 20.5. SAM REGISTRATION

The System for Award Management (SAM) database has an active registration for SIM&S. Search for it at <https://www.sam.gov> and use the DUNS number, above.

## **21. Trade Agreements Act of 1979, as Amended:**

All items are U.S. made end products, designated country end products, Caribbean Basin country end products, Canadian end products, or Mexican end products as defined in the Trade Agreements Act of 1979, as amended.

## **22. Ordering Procedures for Federal Supply Schedule Contracts:**

Ordering activities shall use the ordering procedures of Federal Acquisition Regulation (FAR) 8.405 when placing an order or establishing a BPA for supplies or services. These procedures apply to all schedules.

- a. FAR 8.405-1 Ordering procedures for supplies, and services not requiring a statement of work.
- b. FAR 8.405-2 Ordering procedures for services requiring a statement of work.

## **23. Federal Information Technology Telecommunications Standards Requirements:**

Ordering activities acquiring products from this Schedule must comply with the provisions of the Federal Standards Program, as appropriate (reference: NIST Federal Standards Index). Inquiries to determine whether or not specific products listed herein comply with Federal Information Processing Standards (FIPS) or Federal Telecommunication Standards (FED-STDS), which are cited by ordering activities, shall be responded to promptly by the Contractor.

## **24. Federal Information Processing Standards Publications (FIPSPUBS):**

Information Technology products under this Schedule that do not conform to Federal Information Processing Standards (FIPS) should not be acquired unless a waiver has been granted in accordance with the applicable "FIPS Publication." Federal Information Processing Standards Publications (FIPS PUBS) are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Information concerning their availability and applicability should be obtained from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161. FIPS PUBS include voluntary standards when these are adopted for Federal use. Individual orders for FIPS PUBS should be referred to the NTIS Sales Office, and orders for subscription service should be referred to the NTIS Subscription Officer, both at the above address, or telephone number (703) 487-4650.

## **25. Federal Telecommunication Standards (FED-STDS)**

Telecommunication products under this Schedule that do not conform to Federal Telecommunication Standards (FED-STDS) should not be acquired unless a waiver has been granted in accordance with the applicable "FED-STD." Federal Telecommunication Standards are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Ordering information and information concerning the availability of FED-STDS should be obtained from the GSA, Federal Acquisition Service, Specification

Section, 470 East L'Enfant Plaza, Suite 8100, SW, Washington, DC 20407, telephone number (202)619-8925. Please include a self-addressed mailing label when requesting information by mail. Information concerning their applicability can be obtained by writing or calling the U.S. Department of Commerce, National Institute of Standards and Technology, Gaithersburg, MD 20899, telephone number (301)975-2833.

## **26. Contractor Tasks/Special Requirements (C-FSS-370) (NOV 2003)**

- (a) Security Clearances: The Contractor may be required to obtain/possess varying levels of security clearances in the performance of orders issued under this contract. All costs associated with obtaining/possessing such security clearances should be factored into the price offered under the Multiple Award Schedule.
- (b) Travel: The Contractor may be required to travel in performance of orders issued under this contract. Allowable travel and per diem charges are governed by Pub .L. 99-234 and FAR Part 31, and are reimbursable by the ordering agency or can be priced as a fixed price item on orders placed under the Multiple Award Schedule. Travel in performance of a task order will only be reimbursable to the extent authorized by the ordering agency. The Industrial Funding Fee does NOT apply to travel and per diem charges.
- (c) Certifications, Licenses and Accreditations: As a commercial practice, the Contractor may be required to obtain/possess any variety of certifications, licenses and accreditations for specific FSC/service code classifications offered. All costs associated with obtaining/ possessing such certifications, licenses and accreditations should be factored into the price offered under the Multiple Award Schedule program.
- (d) Insurance: As a commercial practice, the Contractor may be required to obtain/possess insurance coverage for specific FSC/service code classifications offered. All costs associated with obtaining/possessing such insurance should be factored into the price offered under the Multiple Award Schedule program.
- (e) Personnel: The Contractor may be required to provide key personnel, resumes or skill category descriptions in the performance of orders issued under this contract. Ordering activities may require agency approval of additions or replacements to key personnel.
- (f) Organizational Conflicts of Interest: Where there may be an organizational conflict of interest as determined by the ordering agency, the Contractor's participation in such order may be restricted in accordance with FAR Part 9.5.
- (g) Documentation/Standards: The Contractor may be requested to provide products or services in accordance with rules, regulations, OMB orders, standards and documentation as specified by the agency's order.
- (h) Data/Deliverable Requirements: Any required data/deliverables at the ordering level will be as specified or negotiated in the agency's order.
- (i) Government-Furnished Property: As specified by the agency's order, the Government may provide property, equipment, materials or resources as necessary.
- (j) Availability of Funds: Many Government agencies' operating funds are appropriated for a specific fiscal year. Funds may not be presently available for any orders placed under the contract or any option year. The Government's obligation on orders placed under this contract is contingent upon the availability of appropriated funds from which payment for ordering purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are available to the ordering Contracting Officer.
- (k) Overtime: For professional services, the labor rates in the Schedule should not vary by virtue of the Contractor having worked overtime. For services applicable to the Service Contract Act (as identified in the



Schedule), the labor rates in the Schedule will vary as governed by labor laws (usually assessed a time and a half of the labor rate).

## **27. Contract Administration for Ordering Activities**

Any ordering activity, with respect to any one or more delivery orders placed by it under this contract, may exercise the same rights of termination as might the GSA Contracting Officer under provisions of FAR 52.212-4, paragraphs (l) Termination for the ordering activity's convenience, and (m) Termination for Cause (See 52.212-4)

## **28. GSA Advantage!**

GSA Advantage! is an on-line, interactive electronic information and ordering system that provides on-line access to vendors' schedule prices with ordering information. GSA Advantage! will allow the user to perform various searches across all contracts including, but not limited to:

- (1) Manufacturer;
- (2) Manufacturer's Part Number; and
- (3) Product categories.

Agencies can browse GSA Advantage! by accessing the Internet World Wide Web utilizing a browser (ex.: NetScape). The Internet address is <http://www.gsaadvantage.gov>

## **29. Purchase of Open Market Items**

**Note:** Open Market Items are also known as incidental items, noncontract items, non-Schedule items, and items not on a Federal Supply Schedule contract. ODCs (Other Direct Costs) are not part of this contract and should be treated as open market purchases. Ordering Activities procuring open market items must follow FAR 8.402(f).

For administrative convenience, an ordering activity contracting officer may add items not on the Federal Supply Multiple Award Schedule (MAS) -- referred to as open market items -- to a Federal Supply Schedule blanket purchase agreement (BPA) or an individual task or delivery order, **only if-**

- (1) All applicable acquisition regulations pertaining to the purchase of the items not on the Federal Supply Schedule have been followed (e.g., publicizing (Part 5), competition requirements (Part 6), acquisition of commercial items (Part 12), contracting methods (Parts 13, 14, and 15), and small business programs (Part 19));
- (2) The ordering activity contracting officer has determined the price for the items not on the Federal Supply Schedule is fair and reasonable;
- (3) The items are clearly labeled on the order as items not on the Federal Supply Schedule; and
- (4) All clauses applicable to items not on the Federal Supply Schedule are included in the order.

## **30. Contractor Commitments, Warranties and Representations**

a. For the purpose of this contract, commitments, warranties and representations include, in addition to those agreed to for the entire schedule contract:

- (1) Time of delivery/installation quotations for individual orders;

(2) Technical representations and/or warranties of products concerning performance, total system performance and/or configuration, physical, design and/or functional characteristics and capabilities of a product/equipment/ service/software package submitted in response to requirements which result in orders under this schedule contract.

(3) Any representations and/or warranties concerning the products made in any literature, description, drawings and/or specifications furnished by the Contractor.

b. The above is not intended to encompass items not currently covered by the GSA Schedule contract.

### **31. Overseas Activities**

The terms and conditions of this contract shall apply to all orders for installation, maintenance and repair of equipment in areas listed in the pricelist outside the 48 contiguous states and the District of Columbia, except as indicated below:

None

Upon request of the Contractor, the ordering activity may provide the Contractor with logistics support, as available, in accordance with all applicable ordering activity regulations. Such ordering activity support will be provided on a reimbursable basis, and will only be provided to the Contractor's technical personnel whose services are exclusively required for the fulfillment of the terms and conditions of this contract.

### **32. Blanket Purchase Agreements (BPAs)**

The use of BPAs under any schedule contract to fill repetitive needs for supplies or services is allowable. BPAs may be established with one or more schedule contractors. The number of BPAs to be established is within the discretion of the ordering activity establishing the BPA and should be based on a strategy that is expected to maximize the effectiveness of the BPA(s). Ordering activities shall follow FAR 8.405-3 when creating and implementing BPA(s).

### **33. Contractor Team Arrangements**

Contractors participating in contractor team arrangements must abide by all terms and conditions of their respective contracts. This includes compliance with Clauses 552.238-74, Industrial Funding Fee and Sales Reporting, i.e., each contractor (team member) must report sales and remit the IFF for all products and services provided under its individual contract.

### **34. Installation, Deinstallation, Reinstallation**

The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of \$2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall received less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act applies.

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage

determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8 or 132-9.

### **35. Prime Contractor Ordering from Federal Supply Schedules**

Prime Contractors (on cost reimbursement contracts) placing orders under Federal Supply Schedules, on behalf of an ordering activity, shall follow the terms of the applicable schedule and authorization and include with each order –

- (a) A copy of the authorization from the ordering activity with whom the contractor has the prime contract (unless a copy was previously furnished to the Federal Supply Schedule contractor); and
- (b) The following statement:

This order is placed under written authorization from \_\_\_\_\_ dated \_\_\_\_\_. In the event of any inconsistency between the terms and conditions of this order and those of your Federal Supply Schedule contract, the latter will govern.

### **36. Insurance- Work On A Government Installation (JAN 1997) (FAR 52.228-5)**

- (a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the contract.
- (b) Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—
  - (1) For such period as the laws of the State in which this contract is to be performed prescribe; or
  - (2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.
- (c) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

### **37. Software Interoperability**

Offerors are encouraged to identify within their software items any component interfaces that support open standard interoperability. An item's interface may be identified as interoperable on the basis of participation in a Government agency-sponsored program or in an independent organization program. Interfaces may be identified by reference to an interface registered in the component registry located at <http://www.core.gov>.

### **38. Advance Payments**

A payment under this contract to provide a service or deliver an article for the United States Government may not be more than the value of the service already provided or the article already delivered. Advance or pre-payment is not authorized or allowed under this contract. (31 U.S.C. 3324)

## **TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES (ORDER-LEVEL MATERIALS 54151S)**

*\*NOTE: All non-professional labor categories must be incidental to, and used solely to support professional services, and cannot be purchased separately.*

### **1. SCOPE**

a. The prices, terms and conditions stated under Order-Level Materials 54151S Information Technology Professional Services apply exclusively to IT Professional Services within the scope of this Information Technology Schedule.

b. The Contractor shall provide services at the Contractor's facility and/or at the ordering activity location, as agreed to by the Contractor and the ordering activity.

### **2. PERFORMANCE INCENTIVES I-FSS-60 Performance Incentives (April 2000)**

a. Performance incentives may be agreed upon between the Contractor and the ordering activity on individual fixed price orders or Blanket Purchase Agreements under this contract.

b. The ordering activity must establish a maximum performance incentive price for these services and/or total solutions on individual orders or Blanket Purchase Agreements.

c. Incentives should be designed to relate results achieved by the contractor to specified targets. To the maximum extent practicable, ordering activities shall consider establishing incentives where performance is critical to the ordering activity's mission and incentives are likely to motivate the contractor. Incentives shall be based on objectively measurable tasks.

### **3. ORDER**

a. 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 (Deviation – May 2003) 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.

b. 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.

### **4. PERFORMANCE OF SERVICES**

a. The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity.

b. The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.

c. The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Services shall be completed in a good and workmanlike manner.

d. Any Contractor travel required in the performance of IT Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts.

## **5. STOP-WORK ORDER (FAR 52.242-15) (AUG 1989)**

(a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either-

(1) Cancel the stop-work order; or

(2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.

(b) If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if-

(1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and

(2) The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

## **6. INSPECTION OF SERVICES**

In accordance with FAR 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (MAR 2009) (DEVIATION I - FEB 2007) for Firm-Fixed Price orders and FAR 52.212-4 CONTRACT TERMS AND CONDITIONS COMMERCIAL ITEMS (MAR 2009) (ALTERNATE I OCT 2008) (DEVIATION I - FEB 2007) applies to Time-and-

Materials and Labor-Hour Contracts orders placed under this contract.

## **7. RESPONSIBILITIES OF THE CONTRACTOR**

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the end product of a task order is software, then FAR 52.227-14 (Dec 2007) Rights in Data – General, may apply.

## **8. RESPONSIBILITIES OF THE ORDERING ACTIVITY**

Subject to security regulations, the ordering activity shall permit Contractor access to all facilities necessary to perform the requisite IT Professional Services.

## **9. INDEPENDENT CONTRACTOR**

All IT Professional Services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

## **10. ORGANIZATIONAL CONFLICTS OF INTEREST**

### **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 ordering activity contract, without some restriction on ordering activities by the Contractor and its affiliates, may either (i) result in an unfair competitive advantage to the Contractor or its affiliates or (ii) 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 interests of the ordering activity, ordering activities may place restrictions on the Contractors, its 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.

## **11. INVOICES**

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

## **12. PAYMENTS**

For firm-fixed price orders the ordering activity shall pay the Contractor, 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 at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to time-and-materials orders placed under this contract. For labor-hour orders, the Payment under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to labor-hour orders placed under this contract. 52.216-31(Feb 2007) Time-and-Materials/Labor-Hour Proposal Requirements—Commercial Item Acquisition. As prescribed in 16.601(e)(3), insert the following provision:

(a) The Government contemplates award of a Time-and-Materials or Labor-Hour type of contract resulting from this solicitation.

(b) The offeror must specify fixed hourly rates in its offer that include wages, overhead, general and administrative expenses, and profit. The offeror must specify whether the fixed hourly rate for each labor category applies to labor performed by —

(1) The offeror;

(2) Subcontractors; and/or

(3) Divisions, subsidiaries, or affiliates of the offeror under a common control.

## **13. RESUMES**

Resumes shall be provided to the GSA Contracting Officer or the user ordering activity upon request.

## **14. INCIDENTAL SUPPORT COSTS**

Incidental support costs are available outside the scope of this contract. The costs will be negotiated separately with the ordering activity in accordance with the guidelines set forth in the FAR.

## **15. APPROVAL OF SUBCONTRACTS**

The ordering activity may require that the Contractor receive, from the ordering activity's Contracting Officer, written consent before placing any subcontract for furnishing any of the work called for in a task order.

## **16. DESCRIPTION OF IT PROFESSIONAL SERVICES AND PRICING SINs 54151S**

- **IT PROFESSIONAL SERVICES RATES**

See attached list of prices.

- **LABOR CATEGORY DESCRIPTIONS**



See attached description of labor categories.

Atch 1 -- Labor Categories

Line	Labor Category	Description
1	Administrative Support	<p>Specializes in coordinating and planning office administration and support. Reports directly to a client, usually at the client location, to support its operations as required. Understands and provides documentation planning and support, project administration, general office support, executive secretarial support, human resource planning, event planning and administration, office relocation planning, etc. required in changing office environments. May perform other duties as assigned. Provides administrative-type support to technical and management-level personnel. This includes, but is not limited to, documentation planning and support, project administration, general office support, executive secretarial support, human resource planning, event planning and administration, office relocation planning, etc.</p> <p>Education: High School Diploma or G.E.D. or other equivalent degree program.</p>
2	Administrative Assistant I	<p>Supports IT projects by preparing correspondence. Supports the development of contract deliverables and reports. Uses automated tools such as word processing for the deliverable documents. 1 year of office experience and/or related education and training. Ability to use Word Processing software applications and general PC operations.</p> <p>Education: High School Diploma or GED.</p>
3	Administrative Assistant. II	<p>Supports IT projects by maintaining schedules, preparing correspondence, and coordinating travel. Supports the development of contract deliverables and reports by developing and updating presentations. Uses automated tools such as word processing and presentation packages for the deliverable documents. 2 years of office experience and/or related education and training. Ability to use Word Processing software applications and general PC operations.</p> <p>Education: High School Diploma or GED.</p>
4	Administrative Assistant III	<p>Directly support IT Program Manager or IT Project Managers by maintaining personnel and other files; preparing correspondence; maintaining schedules; and coordinating travel. Supports the development of contract deliverables and reports by developing and updating presentations to improve the quality and enhance the usability of these documents. Uses automated tools such as word processing and presentation packages for the deliverable documents. 3 years of office experience and/or related education and training. Ability to use Word Processing software applications and general PC operations.</p> <p>Education: High School Diploma or GED. AA/AS in Office Administration would be helpful.</p>

Atch 1 -- Labor Categories

Line	Labor Category	Description
5	Administrative Assistant IV	<p>Directly support IT Program Manager or IT Project Managers by maintaining program and project cost schedules; assisting in the preparation of billing memorandum; maintaining personnel and other files; preparing correspondence; maintaining schedules; and coordinating travel. Supports the development of contract deliverables and reports by developing and updating presentations to improve the quality and enhance the usability of these documents. Uses automated tools such as word processing, presentation packages, and spreadsheets for the deliverable documents. 4 years of office experience and/or related education and training. Ability to use Word Processing software applications and general PC operations.</p> <p>Education: High School Diploma or GED. BA/BS with courses in Office Administration would be helpful.</p>

Line	Labor Category	Description
6	Alarm/Monitor Program Manager	<p>Provides daily supervision and direction to staff that are responsible for monitoring intrusion and fire alarm along with phone and in-person support to patrons that request emergency, computer and telecommunications help. These personnel serve as the first point of contact for providing personnel assistance required to sustain caller while coordinating the dispatch of and assurance that additional resources are in place to assist, and relieve caller of problems. This position requires a minimum of seven years experience, of which at least five years must be specialized. Specialized experience includes: management of help desks that monitor intrusion and fire alarm, respond to emergency calls for help that uses a multi-server environment to receive, record, dispatch, and track problem calls processed with comprehensive knowledge of PC operating systems, e.g., DOS, Windows, as well as networking and mail standards and supervision of help desk employees.</p> <p>General experience includes information systems development, network and other work communication protocol in the public safety field or related fields. Demonstrated ability to communicate orally and in writing and a positive customer service attitude. Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.</p>
7	Alarm/Monitor Supervisor	<p>Provides daily supervision and direction to staff that are responsible for monitoring intrusion and fire alarm along with phone and in-person support to patrons that request emergency, computer and telecommunications help. These personnel serve as the first point of contact for providing personnel assistance required to sustain caller while coordinating the dispatch of and assurance that additional resources are in place to assist, and relieve caller of problems. This position requires a minimum of three years experience. Specialized experience includes: help desk that monitor intrusion and fire alarm, respond to emergency calls for help that uses a multi-server environment to receive, record, dispatch, and track problem calls processed with comprehensive knowledge of PC operating systems, e.g., DOS, Windows, as well as networking and mail standards and supervision of help desk employees. General experience includes information systems development, network and other work communication protocol in the public safety field or related fields.</p> <p>Demonstrated ability to communicate orally and in writing and a positive customer service attitude. Education: AA/AS degree (Computer Science or Information Technology would be helpful); or High School Diploma or GED.</p>
8	Alarm/Monitor	<p>Operates communication equipment to receive incoming calls for assistance and dispatches personnel and equipment to scene of emergency. Operates telephone console to receive incoming calls for assistance. Questions caller to determine nature of problem and type and number of personnel and equipment needed, following established guidelines. Scans status charts and computer screen to determine units available. Monitors alarm system signals that indicate location of fire or other emergency. Operates two-way radio to dispatch police, fire, medical, and other personnel and equipment and to relay instructions or information to remove units. Types commands on computer keyboard to update files and maintain logs. Tests communications and alarm equipment and backup systems to ensure serviceability. May provide pre-arrival instructions to caller, utilizing knowledge of emergency medical techniques. May activate alarm system to notify fire stations. Education: High School Diploma</p>

Atch 1 -- Labor Categories

Line	Labor Category	Description
9	Computer Programmer I	Codes simple (non-complex) programs independently and produce simple subroutines under the direction of senior staff as part of a larger system. Follows logic diagrams and flow charts developed by others and to produce logic diagrams and flow charts for use by others. 1 year of experience and/or education and experience. Knowledge of computer tools and techniques. Codes simple programs and subroutines in at least one advanced (high level) language such as COBOL, Pascal, C, C+, or C++. Education: AA/AS degree (Computer Science or Information Technology would be helpful); or High School Diploma or GED.
10	Computer Programmer II	Codes complete non-complex systems and subsystems without supervision. Performs system testing to include, as needed, module testing, stub testing, waterfall testing, state testing, and system testing. Creates and uses system documentation to include, as needed, system flow diagrams, system logic diagrams, entity relationship diagrams, data flow diagrams, and interface specifications. 2 years of experience and/or education and experience. Knowledge of computer tools and techniques. Codes programs in at least one advanced (high level) language such as COBOL, Pascal, C, C+, or C++. Education: BA/BS (Computer Science or Information Technology would be helpful); or AA/AS (Computer Science or Information Technology would be helpful); or High School Diploma or GED.
11	Computer Programmer III	Functional Responsibility: Develops, modifies, and maintains complex programs; designs and implements the interrelationships of files and records within programs; working with problems and concepts; performs some analysis; and works to develop junior staff. 4 years of computer programming experience and/or education and experience. Codes programs in at least two advanced (high level) languages such as COBOL, Pascal, C, C+, or C++. Education: BA/BS (Computer Science or Information Technology would be helpful); or AA/AS (Computer Science or Information Technology would be helpful); or High School Diploma or GED.
12	Computer Programmer IV	Codes complex computer programs; recommends the redesign of programs, investigates and analyzes feasibility and program requirements, and develops programming specifications. Assigned programs typically affect a broad multi-user computer system that meets the data processing needs of a broad area manufacturing, logistics planning, finance management, human resources, or material management. Develops, modifies, and maintains complex programs; designs and implements the interrelationships of files and records within programs; working with problems and concepts; performs some analysis; and works to develop junior staff. 6 years of computer programming experience and/or education and experience. Codes programs in at least three advanced (high level) languages such as COBOL, Pascal, C, C+, or C++. Education: BA/BS (Computer Science or Information Technology would be helpful); or AA/AS (Computer Science or Information Technology would be helpful); or High School Diploma or GED.

Atch 1 -- Labor Categories

Line	Labor Category	Description
13	Computer Technician I	Under the direction of senior staff, provides support to monitor, install and perform maintenance on personal computers, laptop computers, software, and the networks. Provided additional support in responding to system user requests for assistance. General knowledge of one of the following desired: Novell products, CISCO products, Windows NT products, UNIX products, etc. Requires 1 year of experience and/or education and training. Education: High School Diploma or GED.
14	Computer Technician II	Monitors, installs, and performs maintenance on personal computers, laptop computers, software, and the networks. Provides support in responding to system user requests for assistance and provides support for on-the-spot diagnostic evaluations, implementation of corrections, and training users in proper operation of systems and programs. Provide support to: install and provide basic support for approved PC software; perform upgrades to all computer platforms, train office staff on computers, maintain logs and inventory of equipment repairs, administer all computer platforms as directed and resolve any operations problems. General knowledge of one of the following desired: Novell products, CISCO products, Windows NT products, UNIX products, etc. Requires 2 years of experience and/or education and training. Education: High School Diploma or GED.
15	Computer Technician III	Schedules and maintains configuration logs for both hardware and software installed, upgraded, and de-installed. Trains junior staff. Provides support to monitor, install and perform maintenance on personal computers, laptop computers, software, and the networks. Provides support in responding to system user requests for assistance. Provides support for on-the-spot diagnostic evaluations, implementation of corrections, and training users in proper operation of systems and programs. Provide support to: install and provide basic support for approved PC software; perform upgrades to all computer platforms, train office staff on computers, maintain logs and inventory of equipment repairs, administer all computer platforms as directed and resolve any operations problems. General knowledge of one of the following desired: Novell products, CISCO products, Windows NT products, UNIX products, etc. Requires 4 years of experience and/or education and training. Education: High School Diploma or GED. Certification in Network Products (UNIX, Novell, MSCE, or CISCO) and AA/AS in Computer Science or Information Technology would be helpful.

Atch 1 -- Labor Categories

Line	Labor Category	Description
16	Computer Technician IV	<p>Provides support to monitor, install and perform maintenance on personal computers, laptop computers, software, and the networks. Provide support in responding to system user requests for assistance. Provide support for on-the-spot diagnostic evaluations, implementation of corrections, and training users in proper operation of systems and programs. Provide support to: install and provide basic support for approved PC software; perform upgrades to all computer platforms, train office staff on computers, maintain logs and inventory of equipment repairs, administer all computer platforms as required and resolve any operations problems. Requires general knowledge of one of the following: Novell products, CISCO products, Windows NT products, UNIX products, etc. Requires 6 years of experience and/or education and training and general knowledge of one of the following: Novell products, CISCO products, Windows NT products, UNIX products, etc.</p> <p>Education: High School Diploma or GED. Certification in Network Products (UNIX, Novell, MSCE, or CISCO) and AA/AS in Computer Science or Information Technology would be helpful.</p>
17	Cost Analysis	<p>The Functional Economic Analysis (FEA) states investment costs, benefits, and risks as a net change to the functional baseline cost, the cost of doing business now and in the future. Ensures that cross-functional, security, and other integration issues are addressed. Performs FEA to evaluate the costs of alternative ways to accomplish functional objectives.</p> <p>Bachelor's Degree or equivalent. Six (6) years of general experience is considered equivalent to a Bachelor's Degree.</p>

Atch 1 -- Labor Categories

Line	Labor Category	Description
18	Data Warehouse Specialist I	Analyzes functional business applications and design specifications for functional activities. Develops block diagrams and logic flow charts. Translates detailed design into computer software. Prepares required documentation, including both program-level and user-level documentation. Demonstrated ability to work independently with minimal supervision. Performs as a Data Warehouse Developer on large-scale database management systems. Knowledge of computer equipment and ability to develop complex software to satisfy design objectives. Bachelor's degree or equivalent and 1 year of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, no experience is required.
19	Data Warehouse Specialist II	Analyzes and develops functional business applications and design specifications for functional activities. Tests, debugs, and refines the computer software to produce the required product. Enhances software to reduce operating time or improve efficiency. Demonstrated ability to work independently under minimal supervision. Utilizes multidimensional database(s) on large-scale database management systems, uses OnLine Analytical Processing (OLAP) Access Tool, and ability to develop complex software to satisfy design objectives. Education: Bachelor's degree or equivalent and 3 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree 1 year of general experience is required.
20	Data Warehouse Specialist III	Analyzes and develops computer software processing a wide range of capabilities, including data warehouse technologies, business data model, Executive Information Management, and Decision Support System. Analyzes user interfaces, maintain hardware and software performance tuning, analyze workload and computer usage, maintain interfaces with outside systems, analyze proposed system modifications, upgrades and new COTS. Provides technical direction to junior staff. Performs as a Data Warehouse Developer using OLAP tools on large-scale database management systems, knowledge of computer equipment, and ability to develop complex software to satisfy design objectives. Bachelor's degree or equivalent and 5 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, 3 years of general experience is required. With a PhD, 1 year of general experience is required.



Atch 1 -- Labor Categories

Line	Labor Category	Description
21	Data Warehouse Specialist IV	<p>Provides technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Coordinates with Project and/or Program Manager to ensure problem solution and user satisfaction. Makes recommendations, if needed, for approval of major systems installations. Prepares milestone status reports and deliveries/presentations on the system concept to colleagues, subordinates, and end user representatives. Provides daily supervision and technical direction to staff to ensure program deadlines are met. Performs as a Data Warehouse Developer/Administrator on large-scale database management systems, knowledge of computer equipment, and ability to develop complex software to satisfy design objectives. Possesses ability to assume increasing responsibilities in data mart information system design and management.</p> <p>Education: Bachelor's degree or equivalent and 7 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, 5 years of general experience is required. With a PhD, 3 year of general experience is required.</p>
22	Data Warehouse Specialist V	<p>Applies an enterprise-wide set of data warehouse disciplines for the planning, analysis, data refinement, design and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise. Develops analytical and computational techniques and methodology for problem solutions. Performs enterprise-wide strategic systems planning, business information planning, business and analysis. Provides daily supervision and direction to organization. Performs as a Data Warehouse Developer/Administrator on large-scale database management systems, knowledge of computer equipment and ability to develop complex software to satisfy design objectives. Possesses ability to assume increasing responsibilities in enterprise data warehouse project information system design and management.</p> <p>Education: Bachelor's degree or equivalent and 9 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, 7 years of general experience is required. With a PhD, 5 years of general experience is required.</p>

Line	Labor Category	Description
23	Database Administrator I	<p>Assists in the administration of all relational databases, database design, development, maintenance, security, and backup. Performs the daily backup and recovery procedures. Maintains detailed user/group role security models and for adding and dropping database objects, performance tuning, and performance analysis. 2 years of experience and/or education and experience in data administration, analysis, or coding and/or education and training. Familiarity with data access languages and data schemas.</p> <p>Education: AA/AS degree (Computer Science or Information Technology would be helpful); or High School Diploma or GED.</p>
24	Database Administrator II	<p>Supports the administration of all relational databases, database design, development, maintenance, security, and backup. Installs, configures, and maintains Oracle or SQL Server databases, database options, and database facilities. Facilitates the daily backup and recovery procedures. Ensures detailed user/group role security models and is primary point-of-contact for adding and dropping database objects, performance tuning, and performance analysis. Provides detailed performance reporting on a daily basis, schedule database jobs, perform disaster recovery planning and implementation, and stored procedure creation and tuning. 3 years of experience and/or experience or education in data administration, analysis, or coding and/or education and training. Familiarity with data access languages and data schemas.</p> <p>Education: BA/BS (Computer Science or Information Technology would be helpful); or AA/AS (Computer Science or Information Technology would be helpful); or High School Diploma or GED.</p>
25	Database Administrator III	<p>Provides administration of all relational databases, database design, development, maintenance, security, and backup. Installs, configures, and maintains Oracle or SQL Server databases, database options, and database facilities. Must facilitate daily backup and recovery procedures. Enforces detailed user/group role security models and for adding and dropping database objects, performance tuning, and performance analysis. Should be able to provide detailed performance reporting on a daily basis, schedule database jobs, perform disaster recovery planning and implementation, and stored procedure creation and tuning. Trains junior staff. 4 years of experience and/or education and experience in data administration, analysis, or coding and/or education and training. Familiarity with data access languages and data schemas.</p> <p>Education: BA/BS (Computer Science or Information Technology would be helpful); or AA/AS (Computer Science or Information Technology would be helpful); or High School Diploma or GED.</p>

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Line	Labor Category	Description
26	Database Administrator IV	<p>Coordinates and supervises the administration of all relational databases, database design, development, maintenance, security, and backup. Installs, configures, and maintains Oracle or SQL Server databases, database options, and database facilities. Performs the daily backup and recovery procedures. Creates and enforces detailed user/group role security models and for adding and dropping database objects, performance tuning, and performance analysis. Provides detailed performance reporting on a daily basis, schedule database jobs, perform disaster recovery planning and implementation, and stored procedure creation and tuning. Maintains system data security logs for non-restricted installations. 5 years of experience and/or education and experience in data administration, analysis, or coding and/or education and training. Familiarity with data access languages and data schemas.</p> <p>Education: BA/BS (Computer Science or Information Technology would be helpful); or AA/AS (Computer Science or Information Technology would be helpful); or High School Diploma or GED.</p>
27	Drafter/Illustrator I	<p>Develops engineering drawings using computer based drawing packages. Uses already developed symbol libraries. Develops engineering drawings for site plans, electrical interconnect, and mechanical plans for specialized hardware. Prepares presentation graphics using automated tools. 1 year of experience and/or education and training in drafting. Experience in automated drawing tools such as AutoCAD required. Education: High School Diploma or GED. AA/AS helpful.</p>
28	Drafter/Illustrator II	<p>Develops engineering drawings, using computer based drawing packages. Supervises other Drafter/Illustrators. Develops symbol libraries. Develops engineering drawings for site plans, electrical interconnect, and mechanical plans for specialized hardware. Prepares presentation graphics using automated tools. 3 years of experience and/or education and training in drafting. Experience in automated drawing tools such as AutoCAD required. Education: High School Diploma or GED. BA/BS helpful.</p>
29	Draftsman	<p>Develops engineering drawings for site plans, electrical interconnects, mechanical plans for specialized hardware, etc. Develops engineering drawings, using computer-based drawing packages. High School Diploma or equivalent and 3 years experience. With High School Diploma or equivalent and a training program, 1 year of general experience is required. There is no experience substitution for a High School Diploma, however a G.E.D., other degree equivalency program, or a technical trade school certificate is acceptable. With a Bachelor's degree no experience is required.</p>

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Line	Labor Category	Description
30	Electrical Engineer I	Under the direction of senior staff, maintains and installs power distribution systems, communications systems, data processing systems, or grounding systems. Creates documentation. Employs best practice techniques. Degree plus general knowledge of power distribution systems, communications systems, data processing systems, or grounding systems. Other skills and experience include creativity and problem solving skills. Education: BS in Electrical Engineering or MS in Electrical Engineering.
31	Electrical Engineer II	Supervises all electrical engineering activities for the program/project including power distribution systems, communications systems, data processing systems, and/or grounding systems. Employs best practice techniques in all work. Interfaces with computer and functional analysts, mechanical engineers, and other elements of the program/project team to ensure successful project completion. Trains and supervises junior staff. Three (3) years of practical experience in electrical engineering including power distribution systems, communications systems, data processing systems, or grounding systems. Education: BS in Electrical Engineering or MS in Electrical Engineering.
32	Electrician I	Under the direction of a senior electrician, troubleshoots and repairs. Installs conduit, electrical boxes, rough lighting and wiring, electrical panels and breaker boxes. Handles instruments, meters, conduit, hand and power tools. Connects and corrects single computer power installations and Local Area Network (LAN) power installations. 1 year of experience and/or education and training. Requires mechanical aptitude, ability to see colors, manual dexterity and understand math. Must be able to read blueprints. Education: High School Diploma or GED.
33	Electrician II	Troubleshoots and repairs single circuits. Will supervise and install conduit, electrical boxes, rough lighting and wiring, electrical panels and breaker boxes. Will handle instruments, meters, conduit, hand and power tools. Connects and corrects single computer power installations, Local Area Network (LAN) power installations, and backup power supplies. 3 years of experience and/or education and training. Requires mechanical aptitude, ability to see colors, manual dexterity and understand math. Must be able to read blueprints. Education: High School Diploma or GED.
34	Electrician III	Troubleshoots and repairs entire electrical complex. Will supervise and install conduit, electrical boxes, rough lighting and wiring, electrical panels and breaker boxes. Handles instruments, meters, conduit, hand and power tools. Connects and corrects single computer power installations, Local Area Network (LAN) power installations, backup power supplies, and emergency power facilities such as Uninterruptible Power Supplies (UPS.) 5 years of experience and/or education and training. Requires mechanical aptitude, ability to see colors, manual dexterity and understand math. Must be able to read blueprints. Education: High School Diploma or GED.

Line	Labor Category	Description
35	Enterprise Consultant I	<p>Deploy and document enterprise management under the supervision of the project technical lead. Perform integration work for a variety of systems, network and help desk tools. Understand functionality of tools selected for implementation and hardware and software administrative knowledge. May perform other duties as assigned. Deploys enterprise-wide system management tools. Performs ongoing operations issues and possesses the capability to manage systems. Has a good understanding of complex, multi-platform information technology (IT) infrastructure operations, processes and tools. Deploy architected solution and ability to solve unanticipated complications in the field.</p> <p>Education: Bachelor's Degree or equivalent. With a Bachelor's degree, no experience is required. Six (6) years of general experience is equivalent to a Bachelor's Degree. With a Master's Degree no experience is required.</p>
36	Enterprise Consultant II	<p>Deploy and document enterprise management solutions for complex heterogeneous IT environments. Integrate systems, network and help desk tools into an integrated IT solution. Provide hardware and software tool selection analysis and recommendations. Lead technical teams with diverse areas of specialization to implement multiple software management tools either sequentially or in parallel. May perform other duties as assigned. Deploys enterprise-wide system management tools. Performs ongoing operation issues and has the capability to manage systems. Has a good understanding of complex, multi-platform information technology (IT) infrastructure operations, processes and tools. Deploy architected solution and ability to solve unanticipated complications in the field.</p> <p>Education: Bachelor's Degree or equivalent and 6 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's Degree. With a Master's Degree, two (2) years of general experience is acceptable. With a PhD, no experience is required.</p>

Atch 1 -- Labor Categories

Line	Labor Category	Description
37	Enterprise Consultant III	<p>Design and document enterprise management solutions for complex heterogeneous IT environments. Architect solutions that integrate systems, network and help desk tools into an integrated IT solution. Provide hardware and software tool selection analysis and recommendations. Manages technical teams with diverse areas of specialization to implement multiple software management tools either sequentially or in parallel. Confers with project manager to provide technical advice and to assist with problem resolution. May perform other duties as assigned. Technical subject matter expert for enterprise-wide system management tools and operations. Broad understanding of complex, multi-platform information technology (IT) infrastructure operations, hardware, software, processes and tools. Develops detailed design documents for multiple platform three tiered client server environments. Architect solutions for systems management tools and oversees project implementation.</p> <p>Education: Bachelor's Degree or equivalent and 12 years of general experience Six (6) years of general experience is equivalent to a Bachelor's Degree. With a Master's Degree, six (6) years of general experience is acceptable. With a PhD, 4 years of general experience is required.</p>
38	HP OpenView Consultant	<p>Implements and supports the HP OpenView application and infrastructure. Resolves tool integration issues, documents task requirements and routines. The candidate must have one to three years of HP – UX Administration experience and two years of OpenView Node Manager experience. Experience with Perl and Unix scripting and knowledge of Oracle is necessary. Maintaining a broad understanding of multiple technologies is critical. Strong problem solving skills, excellent communications and interpersonal skills are a must.</p> <p>Education: Bachelor's Degree in computer science or engineering or equivalent industry experience.</p>

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Line	Labor Category	Description
39	HW/SW Installation Tech	<p>Designs and optimize network topologies. Analyzes existing requirements and prepares specifications for hardware/software acquisitions. Prepares engineering plans and site installation Technical Design Packages. Develops hardware/software installation schedules. Prepares drawings documenting configuration changes at each site. Prepares site installation and test reports. Configures systems, communications devices, and peripheral equipment. Installs network hardware/software. Trains site personnel in proper use of hardware/software. Builds specialized interconnecting cables. Conducts sites surveys; assesses and documents current site configuration and user requirements and installs new configurations. High School Diploma or equivalent and 2 years of general experience. There is no experience substitution for a High School Diploma, however a G.E.D., other degree equivalency program, or a technical trade school certificate is acceptable. With a Bachelor's degree no experience is required.</p>
40	HW/SW Specialist	<p>Prepares functional requirements and specifications for hardware/software acquisitions. Ensures that problems have been properly identified and solutions will satisfy the user's requirements. Reviews computer systems in terms of machine capabilities and man-machine interface. Prepares reports and studies concerning hardware/software. Bachelor's Degree or equivalent. Six (6) years of general experience is considered equivalent to a Bachelor's Degree.</p>

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Line	Labor Category	Description
41	Help Desk Specialist I	Serves as the initial point of contact for troubleshooting hardware/software PC and printer problems. Provides phone and in-person support to users in the areas of general PC hardware and generic LAN/WAN problems. 6 months of experience as a technician, programmer, or analyst desired or equivalent training. Education: High School Diploma or GED.
42	Help Desk Specialist II	Responds to application level problems in the areas of e-mail, directories, standard Windows desktop applications, distance learning applications, and any location specific applications. Provides phone and in-person support to users. 3 years of experience and/or education and experience in programming, analysis, or help desk operations and/or equivalent training. Education: High School Diploma or GED.
43	Help Desk Specialist III	Provides support and technical guidance to the phone and in-person support staff. Support staff in high-level applications and installation specific hardware problems. Provides the second-level of support for problems that the first respondent was unable to resolve. 4 years of experience and/or education and experience in programming, analysis, or help desk operations and/or equivalent training. Education: High School Diploma or GED.
44	Help Desk Specialist IV	Provides backup supervision and direction to staff providing phone and in-person support to users in the areas of e-mail, directories, standard Windows desktop applications, site unique applications, and distance learning applications. Trains staff in applications, procedures, and techniques. 5 years of experience and/or education and experience in programming, analysis, or help desk operations and/or equivalent training. Education: High School Diploma or GED. AA/AS in Computer Science or Information Technology would be helpful.
45	Help Desk Specialist V	Provides phone and in-person support to users in the areas of e-mail, directories, standard Windows desktop applications, and applications developed under this contract or predecessors. Serves as the initial point-of-contact for troubleshooting hardware/software, PC, and printer problems. Bachelor's Degree or equivalent. Six (6) years of general experience is considered equivalent to a Bachelor's Degree.
46	Help Desk Mgr.	Provides daily supervision and direction to staff who are responsible for phone and in-person support to users in the areas of e-mail, directories, standard Windows desktop applications, and applications developed or deployed under this contract. The personnel serve as the first point-of-contact for troubleshooting hardware/software, PC, and printer problems. Manages the help desk function and personnel. Education: Bachelor's Degree or equivalent and 6 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's degree 4 years of general experience is required. With a PhD, 2 year of general experience is required.



Atch 1 -- Labor Categories

Line	Labor Category	Description
47	Info Engineer I	<p>Analyzes application software and design specifications for information process activities. Develops block diagrams and logic flow charts. Translates detailed design into application software. Tests, debugs, and refines the application software to produce the required product. Prepares required documentation, including both program-level and user-level documentation. May serve as Tier 1 support to users and involved with trouble-shooting system operations. Works under general supervision. Performs as an applications programmer on large-scale database management systems, knowledge of computer equipment, and ability to develop complex software to satisfy design objectives. Education: Pursuing a Bachelor's degree or equivalent and 1 year of general experience. Three (3) years of general experience is equivalent to pursuing a Bachelor's degree. With a Bachelor's degree, no experience is required.</p>
48	Info Engineer II	<p>Analyzes and studies complex information system requirements. Designs software tools and subsystems to support software reuse and domain analyses and manages their implementation. Manages software development and support using formal specifications, data flow diagrams, other accepted design techniques and Computer Aided Software Engineering (CASE) tools. Provides input to estimate software development costs and schedule. Reviews existing programs and assists in making refinements, reducing operating time, and improving current techniques. May manage, coordinate, or install system upgrades. Uses diagnostic software to test and isolate ADPE to validate functionality. May provide system analysis and integration and oversee system operations. Often assists with monitoring system performance and security and sets up terminal/printer queues. Provides in-service support for proper use of system software, hardware, or applications and provides Tier 1 technical support for ADPE. Works independently under minimal supervision.</p> <p>Works with Ada, SQL, and third/fourth generation languages in the design and implementation of systems and using database management systems. Possesses ability to assume increasing responsibilities in information engineering activities. Knowledgeable of applicable standards and provides general technical support. Education: Bachelor's degree or equivalent and 1 year of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, no experience is required.</p>

Line	Labor Category	Description
49	Info Engineer III	<p>Applies business process improvement practices to re-engineer methodologies/principles and business process modernization projects. Applies, as appropriate, activity and data modeling, transaction flow analysis, internal control and risk analysis and modern business methods and performance measurement techniques. Assists in establishing standards for information systems procedures. Develops and applies organization-wide information plans and models for use in designing and building integrated, shared software and database management systems. Constructs logical business improvement opportunities consistent with corporate Information Management guiding principles, cost savings, and open system architecture objectives. Manages planned projects for overall installation of application and network systems. Develops action plans with milestones for system upgrades. Provides technical leadership for analysis, integration and support of new products, interfaces and performance enhancements.</p> <p>Analyzes and resolves system software issues. Administers accounts and system access as needed. Assists with the development of training curriculum for customer orientation and use of new and improved systems. Also assists with application customization through process analysis and workflow development including advising customers of database file &amp; table configuration best practices. Possesses the ability to work independently. Performs information systems development, functional and data requirements analysis, systems analysis and design, programming, program design, system upgrades and documentation preparation. Implements information engineering projects, systems analysis, design and programming using CASE and IE tools and methods, systems planning, business information planning, and business analysis.</p> <p>Education: Bachelor's degree or equivalent and 5 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, 3 years of general experience is required. With a PhD, 1 year of general experience is required.</p>

Line	Labor Category	Description
50	Info Engineer IV	<p>Applies an enterprise-wide set of disciplines for the management, planning, analysis, design and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise. Develops analytical and computational techniques and methodology for problem solutions. Performs enterprise-wide strategic systems planning, business information planning, business and analysis. Performs process and data modeling in support of the planning and analysis efforts using both manual and automated tools; such as Integrated Computer-Aided Software Engineering (I-CASE) tools. Applies reverse engineering and re-engineering disciplines to develop migration strategic and planing documents. Utilizes various methodologies, e.g., IDEF 0 process modeling and IDEF 1X data modeling. Manages and coordinates planned system and implementation activities including system upgrades, security, allocation of resources, availability, and in-service training. Manages tasks, priorities and objectives.</p> <p>Responsible for customer support and quality &amp; timeliness of services. Provides daily supervision and direction to staff. General Experience: Performs systems management, development, functional and data requirements analysis, systems analysis and design, programming, program design, and documentation preparation. Manages the implementation of information engineering projects and performs systems analysis, design and programming selecting CASE or IE tools and methods, e.g., Oracle CASE, IEF CASE, I-CASE. Works in the client/server environment. Utilizes managerial and supervisory skills. Prepares written and oral communications, including giving formal presentations to different audiences.</p> <p>Education and experience: Bachelor's degree or equivalent and 7 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, 5 years of general experience is required. With a PhD, 3 year of general experience is required.</p>

Line	Labor Category	Description
51	Info Engineer V	<p>Applies an enterprise-wide set of disciplines for the management, planning, coordination, analysis, design, and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise. Develops analytical and computational techniques and methodology for problem solutions. Performs enterprise-wide strategic systems planning, business information planning, business and analysis. Performs process and data modeling in support of the planning and analysis efforts using both manual and automated tools; such as Integrated Computer-Aided Software Engineering (I-CASE) tools. Applies reverse engineering and re-engineering disciplines to develop migration strategic and planing documents. Familiar with various methodologies, e.g., IDEF 0 process modeling and IDEF 1X data modeling. Controls and maintains technical documents. Provides daily supervision and technical guidance in software engineering and system operational techniques and automated support tools to local and remote supporting staff.</p> <p>Advises customers on database file and table build configuration best practices. Manages and coordinates planned system and implementation activities including system upgrades, security, allocation of resources, availability, and in-service training. Manages tasks, priorities and objectives. Assists in the development and implementation of site policies and procedures. May provide train-the-trainer and ad hoc report writing training and assistance. Responsible for customer support and quality &amp; timeliness of services. Performs information systems management, development, functional and data requirements analysis, systems analysis and design, programming, program design, and documentation preparation. Manages the implementation of information engineering projects and experience in systems analysis, design, and programming using CASE and IE tools and methods, e.g., Oracle CASE, IEF CASE, I-CASE. Works in the client/server environment. Utilizes managerial and supervisory skills.</p> <p>Prepares written and oral communications skills, including giving formal presentations to different audiences.</p> <p>Education: Bachelor's degree or equivalent and 9 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's degree. With a Master's degree, 7 years of general experience is required. With a PhD, 5 years of general experience is required.</p>

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Line	Labor Category	Description
52	Internet/Intranet Spec I	<p>Analyzes and develops Internet/Intranet application software processing wide range of capabilities, including numerous engineering, business, and network traffic management functions. Works independently or under general direction. Performs system analysis and design techniques for Internet or Intranet development, which may include HyperText Markup Language (HTML), HyperText Transfer Protocol (HTTP), and Common Gateway Interface (CGI).</p> <p>Education: Bachelor's degree or equivalent and 1 year of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's degree. With a Master's degree, no experience is required.</p>
53	Internet/Intranet Spec II	<p>Develops and applies organization-wide information models for use in designing and building integrated, shared software, and database management systems. Constructs sound, logical business improvement opportunities consistent with corporate Information Management guiding principles, cost savings, and open system architecture objectives. Provides daily supervision and direction to junior staff. Performs system analysis and design techniques for Internet or Intranet development and distribution to remote sites using various technologies, which may include HyperText Markup Language (HTML), HyperText Transfer Protocol (HTTP), Common Gateway Interface (CGI), FrontPage, and Netscape software.</p> <p>Education: Bachelor's degree or equivalent and 3 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's degree. With a Master's degree, 1 year of general experience is required. With a PhD, no experience is required.</p>

Line	Labor Category	Description
54	Internet/Intranet Spec III	<p>Establishes system information requirements, using analysis of the information exchange technologies, in the development of enterprise-wide or large-scale information systems. Designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensures these systems are compatible and in compliance with the standards for open systems architectures, the Open Systems Interconnection (OSI), and International Standards Organization (ISO) reference models, and profiles of standard such as: Institute of Electrical and Electronic Engineers (IEEE), Open Systems Environment (OSE) reference model, and across the application program interface (API). Provides daily supervision and direction to staff. Performs an enterprise-wide set of disciplines for planning, analysis, design, and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise.</p> <p>Develops analytical and computational techniques and methodology for problem solutions.                      Education: Bachelor's degree or equivalent and 3 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's degree. With a Master's degree, 3 year of general experience is required.</p>
55	Mechanical Engineer I	<p>Under the direction of senior staff designs simple and moderately complex one-of-a-kind mechanical structures and mechanisms in a custom environment. Interfaces with both electrical and software engineers as well as support the assembly process and debug equipment. Requires basic knowledge of AutoCAD or equivalent, as well as a good understanding of machining, welding, metal forming, painting, materials, pneumatics, hydraulics, motors, etc.                      Education: BS in Mechanical Engineering or MS in Mechanical Engineering.</p>
56	Mechanical Engineer II	<p>Possesses experience in designing complex mechanical structures and mechanisms in a custom environment, selecting machine components, interfacing with both electrical and software engineers, supporting the assembly process, and debugging equipment. Trains junior staff. Requires excellent knowledge of AutoCAD, as well as good knowledge of machining, welding, metal forming, painting, materials, pneumatics, hydraulics, motors, etc. Proficient in Microsoft products, MS Word, Excel, Project, etc. Requires degree and 2 to 4 years of experience and/or education and training.                      Education: BS in Mechanical Engineering or MS in Mechanical Engineering.</p>

Line	Labor Category	Description
57	Network Engineer I	<p>Translations of business requirements into telecommunications requirements, designs, and orders. Performs analysis of telecommunications alternatives in support of strategic efforts. Provides enhancement designs for small to medium-scale infrastructures. Provides interface support to telecommunications end users. Experience and knowledge in several of the following areas is desirable: telecommunications infrastructure, technology, and telecommunications engineering best practices; TCP/IP, routing protocols, LAN switching, Internet and Intranet systems, and SNMP based network management systems. Strong written and oral communications skills are required. Requires 1 year of experience as a technician or programmer and/or education and training.</p> <p>Education: High School Diploma or GED. Product certifications are helpful.</p>
58	Network Engineer II	<p>Supports in the translation of business requirements into telecommunications requirements, designs, and orders. Provides analysis of telecommunications alternatives in support of their strategic modernization efforts. Enhances designs for medium and large-scale infrastructures. Provides interface support to telecommunications end users, telecommunications operations personnel, and telecommunications strategic program management. Experience and knowledge in several of the following areas is desirable: telecommunications infrastructure, technology, and telecommunications engineering best practices; TCP/IP, routing protocols, LAN switching, Internet and Intranet systems, and SNMP based network management systems; leading design efforts that require in-depth technical knowledge of both wide area and local area communications. Strong written and oral communications skills are required. Requires 2 to 3 years of experience in network engineering and/or education and training. Education: High School Diploma or GED. Product certifications are helpful.</p>
59	Network Engineer III	<p>Plans and performs network engineering research, design development, and other assignments in conformance with network design, engineering and customer specifications. Responsible for the technical/engineering part of a major project or a project of lesser complexity and importance than those normally assigned to a higher level engineer. Coordinates the activities of Network Technicians assigned to specific network engineering projects. May perform other duties as assigned. Under supervision performs a variety of network engineering tasks which are broad in nature and are concerned with the design and implementation of integrated networks, including personnel, hardware, software and support facilities and/or equipment. Performs with some latitude for unreviewed actions and decisions.</p> <p>Education: Bachelor's Degree or equivalent and 3 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, one (1) year of general experience is required. With a PhD, no experience is required.</p>

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Line	Labor Category	Description
60	Network Engineer IV	<p>Plans and performs network engineering research, design development, and other assignments in conformance with network design, engineering and customer specifications. Supervises team of Network Engineers through project completion. Responsible for major technical/engineering projects of higher complexity and importance than those normally assigned to lower level engineers. Coordinates the activities of Network Engineers and Network Technicians assigned to specific network engineering projects. May perform other duties as assigned. Performs a variety of network engineering tasks, either independently or under supervision, which are broad in nature and are concerned with the design and implementation of integrated networks, including personnel, hardware, software, and support facilities and/or equipment. Supervises team of Network Engineers through project completion.</p> <p>Education: Bachelor's Degree or equivalent and 6 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, four (4) years of general experience is required. With a PhD, 2 year of general experience is required.</p>
61	Network Engineer V	<p>Plans and performs network engineering research, design development, and other assignments in conformance with network design, engineering and customer specifications. Responsible for the technical/engineering part of a major project or a project of lesser complexity and importance than those normally assigned to a higher level engineer. Coordinates the activities of Network Technicians assigned to specific network engineering projects. May perform other duties as assigned. Under supervision performs a variety of network engineering tasks which are broad in nature and are concerned with the design and implementation of integrated networks, including personnel, hardware, software and support facilities and/or equipment. Performs with some latitude for unreviewed actions and decisions.</p> <p>Education: Bachelor's Degree or equivalent and 3 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, one (1) year of general experience is required. With a PhD, no experience is required.</p>



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Line	Labor Category	Description
62	Network Engineer VI	<p>Plans and performs network engineering research, design development, and other assignments in conformance with network design, engineering and customer specifications. Supervises team of Network Engineers through project completion. Responsible for major technical/engineering projects of higher complexity and importance than those normally assigned to lower level engineers. Coordinates the activities of Network Engineers and Network Technicians assigned to specific network engineering projects. May perform other duties as assigned. Performs a variety of network engineering tasks, either independently or under supervision, which are broad in nature and are concerned with the design and implementation of integrated networks, including personnel, hardware, software, and support facilities and/or equipment. Supervises team of Network Engineers through project completion.</p> <p>Education: Bachelor's Degree or equivalent and 6 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, four (4) years of general experience is required. With a PhD, 2 year of general experience is required.</p>

Line	Labor Category	Description
63	Network Management Engineer I	<p>Provides assistance to the design, development, and deployment of fault and performance network management systems that provide the required trouble isolation and identification required for the applications. Supports the identification of deficiencies in existing Network Management platforms and proposes solutions that mediate these problems. Supports customizations to existing Network Management implementations to reduce the interval from identification of a fault to problem resolution. Supports integration of multiple COTS vendor products into a seamless operation for a Network Operations Center (NOC). Supports knowledge transfer to NOC personnel or other individuals charged with the maintaining the environment being monitored by the Network Management solution. May perform other duties as required. Has knowledge and experience architecting and configuring Commercial Off The Shelf (COTS) Network Management solutions (i.e., Tivoli, Computer Associates, HP OpenView) for Government applications. Typically has knowledge of one or more flavors of Unix and leading hardware vendors' products on which the Network Management platform would run.</p> <p>Capable of working, with supervision, on specific aspects of network management engineering.                      Education: A Bachelor's Degree in Computer Science, Electrical Engineering, Information Systems or equivalent.                      Eight (8) years experience in telecommunications network management may be substituted for a Bachelor's degree.</p>

Line	Labor Category	Description
64	Network Management Engineer II	<p>Designing, developing, and deploying a fault and performance network management system that provides the required trouble isolation and identification required for the applications. Identifying deficiencies in existing Network Management platforms and proposing solutions that mediate these problems. May include identification of COTS platforms that are currently not deployed. Providing customizations to existing Network Management implementations to reduce the interval from identification of a fault to problem resolution. Integration of multiple COTS vendor products into a seamless operation for a Network Operations Center (NOC). Knowledge transfer to NOC personnel or other individuals charged with the maintaining the environment being monitored by the Network Management solution. May perform other duties as required. Has broad in-depth knowledge and several years experience in architecting and configuring Commercial Off The Shelf (COTS) Network Management solutions (i.e., Tivoli, Computer Associates, HP OpenView) for Government applications.</p> <p>Typically has knowledge of one or more flavors of Unix and leading hardware vendors' products on which the Network Management platform would run.</p> <p>Education: A Master's Degree in Computer Science, Electrical Engineering, Information Systems or equivalent and 3 or more years experience in Network Management platforms. OR, a Bachelor's Degree in Computer Science, Electrical Engineering, Information Systems or equivalent and 5 years general work experience (of which 3 years have been spent on Network Management) is considered equivalent to a Master's Degree and 3 years experience. OR, a PhD, and 1 year of general experience.</p>

Line	Labor Category	Description
65	Network Management Engineer III	<p>Provides technical lead for designing, developing, and deploying a fault and performance network management system that provides the required trouble isolation and identification required for the applications. Provides leadership to identify deficiencies in existing Network Management platforms and proposes solutions that mediate these problems. May include identification of COTS platforms that are currently not deployed. Provides leadership for customizations to existing Network Management implementations to reduce the interval from identification of a fault to problem resolution. Provides leadership for integration of multiple COTS vendor products into a seamless operation for a Network Operations Center (NOC). Leads team performing knowledge transfer to NOC personnel or other individuals charged with the maintaining the environment being monitored by the Network Management solution. May perform other duties as required.</p> <p>Has broad in-depth knowledge and several years leadership experience in architecting and configuring Commercial Off The Shelf (COTS) Network Management solutions (i.e., Tivoli, Computer Associates, HP OpenView) for Government applications. Typically has knowledge of one or more flavors of Unix and leading hardware vendors' products on which the Network Management platform would run. Has the ability to use experience and technical judgment to reach conclusions in the face of limited and/or uncertain data. Supervises or manages the implementation of specific aspects of network management engineering and is capable of supervising a team of technical specialists working on complex projects</p> <p>Education: A Doctorate in Computer Science, Electrical Engineering, Information Systems or equivalent and 6 years experience in Network Management platforms. A Master's Degree in Computer Science, Electrical Engineering, Information Systems or equivalent and 8 years general work experience (of which 4 years have been spent on Network Management) is considered equivalent to a Doctorate and 6 years experience.</p>

Line	Labor Category	Description
66	Network Technician I	<p>Supports the planning and performance of network engineering research, design development, and other assignments in conformance with network design, engineering, and customer specifications. Supports the technical/engineering part of a networking project assigned to higher level engineers. Works under the supervision of a Sr. Network Engineer or Network Engineer. May perform other duties as assigned. Works under supervision to performs a variety of network engineering tasks which are broad in nature and are concerned with the design and implementation of integrated networks, including personnel, hardware, software and support facilities and/or equipment. Works under the supervision of a Sr. Network Engineer or Network Engineer.</p> <p>Education: Bachelor's Degree or equivalent, or High School Diploma and 5 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. There is no experience substitution for a High School Diploma, however a G.E.D. or other degree equivalency program is acceptable.</p>
67	Network Installation Technician II	<p>Assesses and documents current site network configuration and user requirements. Designs and optimizes network topologies. Directs and leads preparation of engineering plans and site installation Technical Design Packages. Develops installation schedules. Mobilizes network installation team. Directs and leads preparation of drawings documenting configuration changes at each site. Prepares site installation and test reports. Coordinates post-installation operations and maintenance support. Organizes and directs network installations and site surveys.</p> <p>Education: Bachelor's Degree or equivalent. Six (6) years of general experience is considered equivalent to a Bachelor's Degree.</p>
68	Operations Manager	<p>Coordinates the resolution of production-related problems. Ensures proper relationships are established between customers, teaming partners, and vendors to facilitate the delivery of information technology services. Provides users with computer output. Supervises staff operations. Manages computer operations. Ensures production schedules are met. Ensures computer system resources are used effectively.</p> <p>Education: Bachelor's Degree or equivalent and 5 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's degree, 3 years of general experience is required. With a PhD, 1 year of general experience is required.</p>

Line	Labor Category	Description
69	Program Manager I	<p>Serves as the interface with government management personnel, contracts managers, and customer agency representatives. Responsible for formulating and enforcing work standards, assigning contractor schedules, reviewing work quality, communicating policies, purposes, and goals of the organization to subordinates. Manages contract and project performance. Ten (10) years of progressively more responsible experience is required in both information systems design and management. Experience is required in complete project development from inception to deployment, with a demonstrated ability to provide guidance and direction in project execution. Education: Master's Degree in Information Technology discipline, i.e. Computer Science, Information Systems, Engineering, or related scientific or technical discipline. Bachelor's degree and 12 years experience equivalent.</p>
70	Program Manager II	<p>Responsible for the effective management of funds and personnel, and is accountable for the quality and timely delivery of all contractual items. Operates within client guidance, contractual limitations, and Company business and policy directives. Serves as focal point of contact with client regarding program activities. Ensures that all required resources are available for program implementation. Maintains the development and execution of business opportunities based on broad, general guidance. Confers with project manager to provide technical advice and to assist with problem resolution. May perform other duties as assigned. Directs the performance of a variety of highly technical projects which may be organized by technology, program or client. Oversees the technology development and/or application, marketing, and resource allocation within program client base. Program areas typically include engineering, integration, test, systems analysis, quality assurance, etc.</p> <p>Education: Bachelor's Degree or equivalent and 15 years of general experience. Six (6) years of general experience is equivalent to a Bachelor's Degree. With a Master's Degree, thirteen (13) years of general experience is acceptable. With a PhD, 11 year of general experience is required.</p>

Line	Labor Category	Description
71	Programmer/Analyst I	<p>Assists programmer analysts in the assessment of the performance of appropriate software systems to identify and correct problems which impact operation and work quality. Assists in analyzing performance indicators such as system response time and number of programs being processed to ensure operational efficiency. Codes, in accordance with specific design parameters, system software modules as directed by the Programmer Analyst. Assists in the identification, evaluation, customizing and implementation of vendor-supplied software packages. Assists in the support of special systems regenerations, where applicable, to reflect changes in peripheral configurations. Assists the Programmer Analyst in end user training in applications programming and other user personnel in the use of systems software and related hardware. May perform other duties as assigned. Works under supervision to support the activities of a Programmer Analyst</p> <p>Assists in the support of the maintenance and operating efficiency of a major system, such as the teleprocessing network, database management system, etc.</p> <p>Education: Bachelor's Degree or equivalent. Six (6) years of general experience is considered equivalent to a Bachelor's Degree.</p>
72	Programmer Analyst II	<p>Support the continual assessment of the performance of appropriate software systems to identify and correct problems which impact operation efficiency and work quality. Analyzes performance indicators such as system's response time and number of programs being processed to ensure operational efficiency. Designs, codes, installs, and maintains appropriate systems software program. Supports the identification, evaluation, customizing and implementation of vendor-supplied software packages. Supports special system regenerations where applicable to reflect changes in peripheral configuration. Ensures the maintenance of adequate software systems documentation. Trains users in applications programming and other user personnel in the use of systems software and related hardware. May perform other duties as assigned. Works under supervision to support the activities of a Sr. Programmer Analyst. Supports the maintenance and operating efficiency of a major subsystem, such as the teleprocessing network, database management systems etc</p> <p>Education: Bachelor's Degree or equivalent and 2 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, no experience is required.</p>

Line	Labor Category	Description
73	Programmer Analyst III	<p>Continually assess the performance of appropriate software systems to identify and correct problems which impact operation efficiency and work quality. Maintains active liaison with user personnel to ensure continuing responsiveness of applicable system software user requirements. Analyzes performance indicators such as system's response time and number of programs being processed to ensure operational efficiency. Designs, codes, installs, and maintains appropriate systems software program. Identifies, evaluates, tailors, and directs the implementation of vendor-supplied software packages. Performs special system regenerations where applicable to reflect changes in peripheral configuration. Ensures the maintenance of adequate software systems documentation. Recommends to management the purchase or lease of system software packages and related hardware. Provides technical assistance to less experienced systems software personnel in the resolution of complex system-related problems. Trains users in applications programming and other user personnel in the use of systems software and related hardware. May perform other duties as assigned.</p> <p>Works independently, with management review of end results. Has prime accountability for the maintenance and operating efficiency of a major subsystem, such as the teleprocessing network, database management systems, etc.</p> <p>Education: Bachelor's Degree or equivalent and 6 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, four (4) years of general experience is required. With a PhD, 2 year of general experience is required.</p>



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Line	Labor Category	Description
74	Project Control Specialist	<p>Performs complex evaluations of existing procedures, processes, techniques, models, and/or systems related to management problems or contractual issues, which would require a report and recommend solutions. Develops work breakdown structures, prepare charts, tables, graphs, and diagrams to assist in analyzing problems. Provides daily supervision and direction to staff. Oversees financial management and administrative activities, such as budgeting, manpower resource planning, and financial reporting.</p> <p>Education: Bachelor's Degree or equivalent. Six (6) years of general experience is considered equivalent to a Bachelor's Degree.</p>
75	Project Manager	<p>Serves as the project manager for a large, complex task order (or a group of task orders affecting the same common/standard/migration system) and shall assist the Program Manager in working with the Government Contracting Officer (CO), the contract-level Contracting Officer's Representative (COR), the task order-level COR(s), government management personnel and customer agency representatives. Under the guidance of the Program Manager, provides overall management of the specific task order(s) and insuring that the technical solutions and schedules in the task order are implemented in a timely manner. Performs enterprise wide horizontal integration planning and interfaces to other functional systems. This position requires a minimum of seven (7) years of general experience, of which at least five (5) years must be specialized.</p> <p>Specialized experience includes: project development from inception to deployment, expertise in the management and control of funds and resources using complex reporting mechanisms, demonstrated capability in managing multi-task contracts and/or subcontracts of various types and complexity. General experience includes increasing responsibilities in information systems design and/or management.</p> <p>Education: Requirements are a Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline preferred. (With a Master's Degree (in the fields described above) and five (5) years of general experience of which at least two (2) years specialized experience is required or with eight years general experience of which at least six years specialized experience, a degree is not required.)</p>

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Line	Labor Category	Description
76	Quality Assurance Specialist I	Participates in the development and implementation of quality control methodologies to ensure compliance with quality assurance standards, guidelines, and procedures. Participates in formal and informal quality assurance reviews. 1 year of experience in quality assurance or in the discipline that they are now to quality assure and/or related education and training. Education: High School Diploma or GED. AA/AS helpful.
85	Quality Assurance Specialist II	Participates in the development and implementation of quality control methodologies to ensure compliance with quality assurance standards, guidelines, and procedures. Development and definition of major and minor characteristics of quality including quality metrics and scoring parameters and determines requisite quality control resources. Establishes and maintains a process for evaluating hardware, software, and associated documentation and/or assists in the evaluation. Participates in formal and informal reviews as required. Performs daily supervision and direction to staff in the absence of senior staff. 3 years of experience in quality assurance or in the discipline that they are now to quality assure and/or related education and training. Courses in quality assurance required. Education: High School Diploma or GED. BA/BS and additional training in QA helpful.
77	Quality Assurance Specialist III	Develops and implements quality control methodologies to ensure compliance with quality assurance standards, guidelines, and procedures. Develops and defines major and minor characteristics of quality including quality metrics and scoring parameters and determines requisite quality control resources. Establishes and maintains a process for evaluating hardware, software, and associated documentation and/or in the evaluation. Conducts formal and informal quality assurance reviews at pre-determined points throughout the development life cycle. Performs daily supervision and direction to staff. 5 years of experience in quality assurance or in the discipline that they are now to quality assure (of which at least 2 must be in quality assurance) and/or education and training. Must have completed at least five courses on quality assurance. Education: High School Diploma or GED. BA/BS helpful. Also must have additional training in QA.
78	Remedy Consultant	Provides technical expertise in designing, developing, troubleshooting, and debugging the applications on multiple platforms, designs and communicates the design to technical and non-technical individuals, analyzes the requirements of each task, documents task requirements and routines. Five to seven years of technical expertise in client/server, distributed, and desktop computing, this includes programming Remedy, APIs and Remedy HTML web-based tools. Broad experience with MS technologies, C/C++, object oriented design and implementation, and state of the art development and debugging tools is necessary. Must have excellent communication and interpersonal skills and must possess a demonstrated commitment to develop and deliver quality products on schedule. Education: Bachelor's or Master's Degree in a computer science or engineering related area with equivalent industry experience.

Line	Labor Category	Description
79	Senior Computer Aerospace Scientist	<p>Provide requirements from a project's inception to conclusion in the subject matter area, for simple to moderately complex systems. Assists other senior consultants with analysis, evaluation and the preparation of recommendations for systems improvements, optimization, development, and or maintenance efforts in the following specialties: Information Systems Architecture for Information Systems, Strategic Information Systems, and Theatre and Tactical Information Systems. Network implementation of Local area networks (LAN), including fiber optic technology, departmental networks, and wide area networks (WAN); Telecommunications implementation of (1) LANs including legacy and high-speed LAN technologies, and campus and departmental networks, (2) WANs and services, including frame relay, ATM, and circuit-switched voice and data services, (3) Communications protocols (asynchronous transfer mode [ATM], Synchronous Optical Network [SONET], Transmission Control Protocol [TCP]/Internet Protocol [IP], DECNET, IPX/SPX, Government Open Systems Interconnection Profile [GOSIP]/Open Systems Interconnection [OSI], SNA, and NFS),</p> <p>(4) Voice system development, including private branch exchange (PBX) and ACD implementation, (5) Call center development, (6) Voice and data network operations and management, and (7) Voice and data network management support systems, databases and applications; Automation of (1) Hardware (micro through mainframe), (2) Computer languages (particularly C and Ada), (3) Operating systems (particularly MS DOS, UNIX, Portable Operating System Interface for Computer Environments [POSIX], VM, DOS-VSE, and MVS), (4) Database management systems, (5) Automation security systems, and (6) Decision support systems; Communications Protocols (1) TCP/IP, (2) GOSIP, (3) OSI, (4) SNA, and (5) NFS applications; Electronic Mail (E-mail); Risk Management/Electronic Analysis; Software (consisting of all commercially available software used under this contract for personal computers (PC), minis, and mainframes); Life-Cycle Management; Software Development Methodologies; Modeling and Simulation; Graphics Processing; and Data Warehousing. Minimum Experience: B.A. or B.S. degree. Must have 8 years of experience in the ADP field.</p> <p>At least 5 years of combined new and related older technical experience in the ADP field directly related to the required area of expertise.</p>

Line	Labor Category	Description
80	Senior Computer Engineering Scientist	<p>Provide requirements from a project's inception to conclusion in the subject matter area, for simple to moderately complex systems. Assists other senior consultants with analysis, evaluation and the preparation of recommendations for systems improvements, optimization, development, and or maintenance efforts in the following specialties: Information Systems Architecture for Information Systems, Strategic Information Systems, and Theatre and Tactical Information Systems. Network implementation of Local area networks (LAN), including fiber optic technology, departmental networks, and wide area networks (WAN); Telecommunications implementation of (1) LANs including legacy and high-speed LAN technologies, and campus and departmental networks, (2) WANs and services, including frame relay, ATM, and circuit-switched voice and data services, (3) Communications protocols (asynchronous transfer mode [ATM], Synchronous Optical Network [SONET], Transmission Control Protocol [TCP]/Internet Protocol [IP], DECNET, IPX/SPX, Government Open Systems Interconnection Profile [GOSIP]/Open Systems Interconnection [OSI], SNA, and NFS),</p> <p>(4) Voice system development, including private branch exchange (PBX) and ACD implementation, (5) Call center development, (6) Voice and data network operations and management, and (7) Voice and data network management support systems, databases and applications; Automation of (1) Hardware (micro through mainframe), (2) Computer languages (particularly C and Ada), (3) Operating systems (particularly MS DOS, UNIX, Portable Operating System Interface for Computer Environments [POSIX], VM, DOS-VSE, and MVS), (4) Database management systems, (5) Automation security systems, and (6) Decision support systems; Communications Protocols (1) TCP/IP, (2) GOSIP, (3) OSI, (4) SNA, and (5) NFS applications; Electronic Mail (E-mail); Risk Management/Electronic Analysis; Software (consisting of all commercially available software used under this contract for personal computers (PC), minis, and mainframes); Life-Cycle Management; Software Development Methodologies; Modeling and Simulation; Graphics Processing; and Data Warehousing. Minimum Experience: B.A. or B.S. degree. Must have 8 years of experience in the ADP field.</p> <p>At least 5 years of combined new and related older technical experience in the ADP field directly related to the required area of expertise.</p>

Atch 1 -- Labor Categories

Line	Labor Category	Description
81	Software Engineer I	<p>Engineers software solutions based upon client requirements. Supports a Sr. Software Engineer as required. Uses commercially-available or custom Computer Aided Software Engineering (CASE) tools as required. Develops technical documentation detailing the project design parameters. May perform other duties as assigned. Under general supervision, engineers software solutions based upon client requirements. Generally reports to a Sr. Software Engineer and makes use of commercially-available or custom CASE tools as required.</p> <p>Education: Bachelor's Degree or equivalent and 5 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, three (3) years of general experience is required. With a PhD, 1 year of general experience is required</p>
82	Software Engineer II	<p>Engineers software solutions based upon client requirements. Supervises a staff of Software Engineers as required. Manages projects that make use of commercially-available or custom Computer Aided Software Engineering (CASE) tools as required. Develops technical documentation detailing the project design parameters. May perform other duties as assigned. Under general supervision, engineers software solutions based upon client requirements. Generally, has one or more Software Engineers on staff and heads up projects that make use of commercially available or custom CASE tools as required.</p> <p>Education: Bachelor's Degree or equivalent and 8 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, six (6) years of general experience is required. With a PhD, 4 years of general experience is required.</p>

Line	Labor Category	Description
83	Subject Matter Expert I	<p>Acknowledged as an expert in the specific field of study. These will include such areas as business process re-engineering, advanced data communications methods and protocols, state-of-the-art data storage techniques and mechanisms, and distance learning. Possesses requisite knowledge and expertise so recognized in the professional community that the Government is able to qualify the individual as an expert in the field for an actual TO. Demonstrates exceptional oral and written communication skills. Must have at least 10 years of experience. Education: Master's Degree in field of study. (Bachelor's Degree and 12 years of experience or 15 years of experience with a High School Diploma, GED, or equivalent)</p>
84	Subject Matter Expert II	<p>Recognized as an expert in the specific field of study. Able to give sworn testimony on the subject. These will include such areas as business process re-engineering, advanced data communications methods and protocols, state-of-the-art data storage techniques and mechanisms, and distance learning. Possesses requisite knowledge and expertise so recognized in the professional community that the Government is able to qualify the individual as an expert in the field for an actual TO. Demonstrates exceptional oral and written communication skills. Must have at least 15 years of experience. Education: Masters Degree in field of study. (Bachelor's Degree and 17 years of experience or 20 years of experience with a High School Diploma, GED, or equivalent)</p>
85	Systems Integration Architect	<p>Plans and performs systems engineering research, design, development, integration and other assignments in conformance with system design, engineering, and customer specifications. Supervises broad team of systems engineers. Responsible for highly complex technical/engineering projects. Often leads team in technical areas. May perform other duties, as assigned. Senior Architect who independently performs a variety of system design and integration tasks which are broad in nature and are concerned with design, implementation and architecting of major systems, systems of systems, integration of systems elements and related support systems. Often supervises a broad team of engineers through project completion. Education: Bachelor's Degree or equivalent and 14 years of general experience. 6 years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, 12 years of general experience is required. With a PhD, 10 year of general experience is required.</p>
86	Systems Integration Engineer I	<p>Performs concept exploration and assessment, systems integration, systems of systems integration, performance management, technology assessment, testing and validation. Supports a Sr. System Integration Engineer, as required. Analyzes and develops technical documentation detailing the integration and system performance. May perform other duties as assigned. Under general supervision, defines and executes integration engineering activities within a project. These activities may consist of concept exploration and assessment, systems integration, systems of systems integration, performance management, technology assessment, testing and validation, and development and staffing of a systems integration plan. Education: Bachelor's Degree or equivalent and 8 years of general experience. 6 years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, 6 years of general experience is required. With a PhD, 4 year of general experience is required.</p>

Atch 1 -- Labor Categories

Line	Labor Category	Description
87	Systems Integration Engineer II	<p>Performs concept exploration and assessment, systems integration, systems of systems integration, performance management, technology assessment, testing and validation. Development and staffing of a systems integration management plan. Supports other Engineers and Program Managers, as required. Analyzes and develops technical documentation detailing the integration and system performance. Coordinates the activities of system integration engineers assigned to specific systems integration projects. May perform other duties as assigned. Acts as a lead in defining and executing integration engineering activities within a project. These activities may consist of concept exploration and assessment, systems integration, systems of systems integration, performance management, technology assessment, testing and validation, and development and staffing of a systems integration plan.</p> <p>Education: Bachelor's Degree or equivalent and 12 years of general experience. 6 years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, 10 years of general experience is required. With a PhD, 8 year of general experience is required.</p>
88	Systems Administrator	<p>Optimizes system operation and resource utilization, and performs system capacity analysis and planning. Provides assistance to users in accessing and using business systems. Supervises and manages the daily activities of configuration and operation of business systems which may be mainframe, mini, or client/server based.</p> <p>Education: Bachelor's Degree or equivalent and 2 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's degree no experience is required.</p>
89	System Analyst I	<p>Analyzes general information requirements. Evaluates analytically and systematically problems of workflow, organization, and planning in order to develop appropriate corrective action. Defines the problem, and develops system requirements and program specifications, from which programmers prepare detailed flow charts, programs, and tests. Under supervision, coordinates closely with programmers to ensure proper implementation of program and system specifications. 2 years experience and/or education and experience in data processing, information technology, or computer programming and/or education and training.</p> <p>Education: BA/BS (Computer Science, Information Technology, or Engineering would be helpful); or AA/AS (Computer Science, Information Technology, or Engineering would be helpful); or High School Diploma or GED.</p>
90	System Analyst II	<p>Performs systems analysis of computer and networking systems. Supports a Systems Analyst, as required. Technically supports the overall integration of all systems peripherals so that they operate correctly within a predefined environment. Provides hotline support to customers. Develops technical documentation detailing the installation procedures. May perform other duties, as assigned. Under supervision, performs systems analysis of computer and communications/network systems. Supports the installation of computer operating systems, network, and application software, and computer/network hardware. Provides hotline support to customers. Possesses troubleshooting skills to assist Systems Analysts.</p> <p>Education: Bachelor's Degree or equivalent and 2 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, no experience is required.</p>

Line	Labor Category	Description
91	System Analyst III	<p>Performs systems analysis of computer and networking systems. Supports a Sr. Systems Analyst, as required. Provides overall integration of all systems peripherals so that they operate correctly within a predefined environment. Provides hotline support to customers. Develops technical documentation detailing the installation procedures. May perform other duties, as assigned. Under general supervision, performs systems analysis of computer and communications/network systems. Performs systems installation of computer operating systems, network, and applications software, and computer/network hardware. Provides hotline support to customers. Has ability to adapt to new situations and environments. Possesses keen troubleshooting skills to assist Sr. Systems Analysts.</p> <p>Education: Bachelor's Degree or equivalent and 5 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, three (3) years of general experience is acceptable. With a PhD, 1 year of general experience is required.</p>
92	System Analyst IV	<p>Performs systems engineering planning, performance management, capacity planning, testing and validation, benchmarking, information engineering. Development and staffing of a systems engineering management plan. Supports other Sr. Systems Engineers and Program Managers, as required. Analyzes and develops technical documentation detailing the integration and system performance. Coordinates the activities of Systems Engineers and Jr. Systems Engineers assigned to specific systems engineering projects. May perform other duties as assigned. Acts as a lead in defining and executing systems engineering activities within a project. These activities may consist of systems planning, performance management, capacity planning, testing and validation, benchmarking, information engineering, and development and staffing of a systems engineering management plan.</p> <p>Education: Bachelor's Degree or equivalent and 8 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, six (6) years of general experience is required. With a PhD, 4 years of general experience is required.</p>



Atch 1 -- Labor Categories

Line	Labor Category	Description
93	System Architect	<p>Plans and performs systems and networking engineering research, design development, and other assignments in conformance with system and network design, engineering, and customer specifications. Supervises team of Sr. Systems Engineers, Systems Engineers, Sr. Network Engineers, and Network Engineers. Responsible for highly complex technical/engineering projects. Coordinates the activities of Sr. Systems Engineers, Systems Engineers, Sr. Network Engineers, and Network Engineers assigned to specific system and network engineering projects. Is the lead technical authority on the project. May perform other duties, as assigned. Senior scientist who independently performs a variety of system design and engineering tasks which are broad in nature and are concerned with design and implementation of major enterprise systems development and integration, including supporting personnel, hardware, software, and support facilities and/or equipment.</p> <p>Supervises team of Sr. Systems Engineers, Network Engineers, Sr. Network Engineers, and Network Engineers through project completion and is considered a Subject Matter Expert (SME) in one or more specific areas of computer system design and networking.</p> <p>Education: Master's Degree or equivalent and 10 years of general experience. A Bachelor's Degree and 9 years of general experience is equivalent to a Master's Degree or a High School Diploma (or equivalent) and 15 years of general experience is considered equivalent to a Master's Degree. With a Doctorate, eight (8) years of general experience is acceptable.</p>
94	System Engineer I	<p>Responsibility: Performs system engineering assignments in support of the analysis of complex system design, formulating requirements, developing alternative approaches, conduct of studies, and application of standards. May function as a member of an engineering team assigned responsibilities for specific task areas. Five (5) years of general experience in the systems engineering field. Requires experience functioning as a member of an engineering team in the development, design, integration of new capabilities with existing systems, implementation, or planning for complex Information Technology systems.</p> <p>Minimum Education: Bachelor's degree in electrical or electronic engineering.</p>

Atch 1 -- Labor Categories

Line	Labor Category	Description
95	System Engineer II	<p>Responsibilities Under supervision, assists in defining and executing systems engineering activities within a project. These activities may consist of systems planning, performance management, capacity planning, testing and validation, benchmarking, information engineering, and development and staffing of a systems engineering management plan.</p> <p>Performs systems engineering planning, performance management, capacity planning, testing and validation, benchmarking, information engineering. Development and staffing of a systems engineering management plan. Supports a Systems Engineer, as required. Analyzes and develops technical documentation detailing the integration and system performance. May perform other duties as assigned.</p> <p>Education: Bachelor's Degree or equivalent and 2 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, no experience is required.</p>
96	System Engineer III	<p>Responsibilities Under supervision, assists in defining and executing systems engineering activities within a project. These activities may consist of systems planning, performance management, capacity planning, testing and validation, benchmarking, information engineering, and development and staffing of a systems engineering management plan.</p> <p>Performs systems engineering planning, performance management, capacity planning, testing and validation, benchmarking, information engineering. Development and staffing of a systems engineering management plan. Supports a Systems Engineer, as required. Analyzes and develops technical documentation detailing the integration and system performance. May perform other duties as assigned.</p> <p>Education: Bachelor's Degree or equivalent and 2 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, no experience is required.</p>
97	System Engineer IV	<p>Under general supervision, defines and executes systems engineering activities within a project. These activities may consist of systems planning, performance management, capacity planning, testing and validation, benchmarking, information engineering, and development and staffing of a systems engineering management plan. Performs systems engineering planning, performance management, capacity planning, testing and validation, benchmarking, information engineering. Development and staffing of a systems engineering management plan. Supports a Sr. Systems Engineer, as required. Analyzes and develops technical documentation detailing the integration and system performance. Coordinates the activities of Systems Engineers and Jr. Systems Engineers assigned to specific systems engineering projects. May perform other duties as assigned.</p> <p>Education: Bachelor's Degree or equivalent and 5 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree.</p> <p>With a Master's Degree, three (3) years of general experience is required. With a PhD, 1 year of general experience is required.</p>

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Line	Labor Category	Description
98	System Operator	Coordinates input, output, and file media. Distributes output and controls computer operation which may be mainframe, mini, or client/server based. Monitors and supports computer processing. Education: High School Diploma and 2 years of general experience. There is no experience substitution for a High School Diploma, however a G.E.D., other degree equivalency program, or a technical trade school certificate is acceptable. With a Bachelor's degree no experience is required.
99	Technical Editor/Writer I	Collects and organizes information required for preparation of user's manuals, training materials, installation guides, proposals, and reports. Under direction writes and rewrites functional descriptions, system specifications, user's manuals, special reports, or any other customer deliverables and documents. 2 years experience and/or education and experience in technical writing. Education: BA/BS; or AA/AS; or High School Diploma or GED. English Proficiency required.
100	Technical Editor/Writer II	Edits functional descriptions, system specifications, user's manuals, special reports, or any other customer deliverables and documents. Assists in collecting and organizing information required for preparation of user's manuals, training materials, installation guides, proposals, and other reports and deliverables. Education: Bachelor's Degree or equivalent. Six (6) years of general experience is considered equivalent to a Bachelor's Degree.
101	Technician I	Participates in site surveys. Documents current physical site network configuration. Follows engineering plans and site installation Technical Design Packages. Adheres to installation schedules. Works with network installation team. Prepares of IT drawing and documenting configuration changes at the site. 1 year of experience as a technician and/or education and training. Education: High School Diploma or GED.
102	Technician II	Conducts site surveys. Assesses and documents current site network configuration and user requirements. Follows engineering plans and site installation Technical Design Packages. Develops installation schedules. Works with network installation team. Prepares of drawing and documenting configuration changes at the site. Prepares of IT site installation and test reports. 3 years of experience as a technician and/or education and training. Education: High School Diploma or GED.
103	Technician III	Independently conducts site surveys. Assesses and documents current site network configuration and user requirements. Follows engineering plans and site installation Technical Design Packages. Develops installation schedules. Works with network installation team. Prepares of drawing and documenting configuration changes at the site. Prepares IT site installation and test reports. 4 years of experience as a technician and/or education and training. Education: High School Diploma or GED. AA/AS helpful.
104	Technician IV	Organizes and directs network or hardware installations. Assesses and documents current site network configuration and user requirements. Directs and leads preparation of engineering plans and site installation technical design packages. Develops installation schedules. Mobilizes installation team. Directs and leads preparation of drawings documenting configuration changes at each site. Prepares IT site installation and test reports. Coordinates post installation operations and maintenance support. 6 years of experience as a technician and/or education and training. Education: High School Diploma or GED. AA/AS helpful.

Atch 1 -- Labor Categories

Line	Labor Category	Description
105	Telecom Technology Project Manager	<p>Responsible for managing resources, scheduling, and allocation of funding in order to deliver contracted products and services on time, Serves as point of contact for details regarding project progress, Can work with Program Manager, or directly with Contract Officer/Contract Officer's Technical Representative, to identify and address changes in project scope, schedule, and budget, Provides advice to assist with project problem resolution, Is capable of developing proposals for new work and changes to existing work. Possesses high-level knowledge of telecommunications networks and/or technologies and integrates this information with knowledge of project management methodologies to organize and direct resources and deliver telecommunications products and services, such as consulting and research, for government applications. Capable of managing the planning, execution, and delivery phases of complex telecommunications projects within the constraints of contract terms and conditions and government procurement regulations.</p> <p>Education: A Bachelor's degree and (6) years Project Management experience is required. A Master's Degree and five (5) years Project management experience with at least 1 year managing government projects is acceptable. With a PhD, 3 year of general experience is required.</p>
106	Training Specialist	<p>Develops and revises these courses and prepares appropriate training catalogs. Prepares instructor materials (course outline, background material, and training aids). Prepares student materials (course manuals, workbooks, handouts, completion certificates, and course critique forms). Trains personnel by conducting formal classroom courses, workshops and seminars. Conducts the research necessary to develop and revise training courses. Education: Bachelor's Degree or equivalent and 2 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's degree no experience is required.</p>
107	Trainer II	<p>Designs, develops, prepares and refines training curriculum and course materials for various classroom and other instructional environments. Possesses skills and knowledge in computer-based and multimedia training environments. Conducts training requirements surveys, designs computer-based and multimedia curriculum in response to specific system training requirements during the life cycle. Is intimately knowledgeable in the subject matters for which he/she is developing curriculum. Supervises Training Specialists in the instruction of individual trainees as well as whole classes of students in a variety of technical-based subject matter. Collaborates, when necessary, with outside entities. Identifies, develops, implements, and conducts training and instruction of technical-based subject matter related to computer hardware/software, communications, local and wide area networking, Internet, video, imaging, business processes, Government regulations, procurement/acquisition, strategic planning, etc., as required for a particular situation.</p> <p>Education: Bachelor's Degree or equivalent and 6 years of general experience. Six (6) years of general experience is considered equivalent to a Bachelor's Degree. With a Master's Degree, four (4) years of general experience is required. With a PhD, 2 year of general experience is required.</p>

Atch 1 -- Labor Categories

Line	Labor Category	Description
108	Dispatcher	<p>Operates communication equipment to receive incoming calls for assistance and dispatches personnel and equipment to scene of emergency. Operates telephone console to receive incoming calls for assistance. Questions caller to determine nature of problem and type and number of personnel and equipment needed, following established guidelines. Scans status charts and computer screen to determine units available. Monitors alarm system signals that indicate location of fire or other emergency. Operates two-way radio to dispatch police, fire, medical, and other personnel and equipment and to relay instructions or information to remove units. Types commands on computer keyboard to update files and maintain logs. Tests communications and alarm equipment and backup systems to ensure serviceability. May provide pre-arrival instructions to caller, utilizing knowledge of emergency medical techniques. May activate alarm system to notify fire stations.</p> <p>Education: High school diploma or GED</p>
109	Switchboard Operator I	<p>The Switchboard Console Operator and Switchboard Operator's experience shall consist of, but not be limited to, overseas telephone calls, post locator service, commercial information services, customer support, conference calls, and emergency calls. The Switchboard Console Operators shall have a minimum of six continuous months of experience as telephone operators within the last three years.</p> <p>Education: High School Diploma.</p>
110	Switchboard Operator II	<p>The Senior Switchboard Console Operator and Switchboard Operator's experience shall consist of, but not be limited to, overseas telephone calls, post locator service, commercial information services, customer support, conference calls, and emergency calls. The Senior Switchboard Console Operator shall have a minimum of two continuous years of experience as a senior telephone operator.</p> <p>Education: High School Diploma plus 2 years experience.</p>

Atch 1 -- Labor Categories

Line	Labor Category	Description
111	Telecommunication Mechanic Technician I	<p>Inside Plant includes, but is not limited to, all communication lines, trunking, cabling and switching systems contained in the SL-100 Dial Central Office (DCO). Inside Plant further includes Remote Switching Centers (RSC's), Remote Line Control Modules (RLCM's) and Access Nodes external to the DCO and all cabling from point of entry through the Main Distribution Frame (MDF) and on the SL-100 DCO Switching Equipment. Inside Plant Personnel shall have the ability to perform all administrative, operation and maintenance functions, and routines required by the SL-100 and Remote telephone switching equipment and voice mail systems. Inside Plant Personnel will ensure that onsite technical staff will be certified to install, test, maintain and operate all inside plant switching equipment in accordance with each applicable OEM</p> <p>Inside Plant Personnel shall have the ability to install, test, maintain and operate all ISDN Basic Rate Interface (BRI), Primary Rate Interface (PRIO and ATM/SONET equipment, input translations and facilities currently installed or to be installed in the above switching equipment to meet Fort Monmouth requirements. Maintenance Personnel for SL-100 Main, Remote Switching Systems and Voice Mail Systems. Inside plant personnel providing maintenance for SL-100 Main and Remote switching systems shall be certified by the original equipment manufacturer for the equipment and have at least 3 years specific experience in this role. This requirement applies to all telecommunications switching systems installed on the Fort Monmouth Campus including but not limited to SL-1 and NORSTAR systems, as well as, OCTEL Voice Messaging equipment. Inside plant personnel shall have a minimum of three (3) years of inside plant maintenance experience.</p> <p>Of the three years, one year may be general inside experience but two years must be specialized experience with the type of telephone equipment.</p> <p>Education: Degree plus 3 years experience, or High School Diploma plus 8 year experience.</p>

Atch 1 -- Labor Categories

Line	Labor Category	Description
112	Telecommunication Mechanic Technician II	<p>Works with heavy-duty power equipment and small tools in the installation, repair and maintenance of outside plant facilities. Loads necessary tools and heavy equipment onto trucks or trailers. Receives work assignments and instructions from supervisor and/or through the use of a computer access terminal. Operates power equipment such as compressors, pumps, blowers, etc., and hydraulic aerial lifts (buckets) and ladders mounted on trucks. Performs construction work such as digging holes, placing poles, placing cable, air pipe and inner duct in various types of conduit systems and open excavations. Unreels, pulls, and strings wire strand and cable from pole to pole; pole to buildings, etc. Determines differences between wire and cable colors. Connects wires and cables to terminals and attaches or detaches various kinds of hardware to wires, cables, buildings or poles. Splices PIC and non-pressurized cable and makes appropriate enclosures. Uses test equipment to check for toxic and explosive gas in manholes, and may have to empty water and other debris from manholes.</p> <p>Dismantles, moves or removes aerial, underground or building wire, cable, associated equipment and hardware. Reviews work orders and Company practices. Works outside in all kinds of weather. Climbs poles, ladders and enters tunnels, buildings, trenches, crawl spaces and manholes to place telephone cables and equipment. Follows established safety procedures. Must be able to safely utilize equipment resources to perform specified physical job duties, i.e., satisfies manufacturers specifications for operation or use of equipment including weight limitations. Lifts and moves loads up to 120 pounds. All outside plant/installers/repairers shall have a minimum of three (3) years experience in telecommunications installation and repair.</p> <p>Education: Degree plus 3 years experience, or High School Diploma plus 8 years experience.</p>

Atch 1 -- Labor Categories

Line	Labor Category	Description
113	Inspector	Operates viewing of the gamma ray images on a video monitor to identify voids, false walls or ceilings, and other secret compartments typically associated with the transportation of drugs, explosives and weapons. Education: High School Diploma or Equivalent.
114	Alternate Lead Inspector	Operates viewing of the gamma ray images on a video monitor to identify voids, false walls or ceilings, and other secret compartments typically associated with the transportation of drugs, explosives and weapons. Education: High School Diploma or Equivalent.
115	Lead Inspector	Operates viewing of the gamma ray images on a video monitor to identify voids, false walls or ceilings, and other secret compartments typically associated with the transportation of drugs, explosives and weapons. Education: High School Diploma or Equivalent.
116	Vehicle Registration Clerk	The vehicle registration/AVIDS clerks shall be required to verify identification and documentation of applicants and accurately input this information into the COPS prior to the issuance of a permanent Decal (DD From 2220) or temporary pass. Employees will be crossed-trained for both operations. High School Diploma or Equivalent.
117	Vehicle Registration Clerk Alternate Lead	The vehicle registration/AVIDS Supervisor provides scheduling, liason between employees and government representative for everyday questions, supervise employees, training. The vehicle registration/AVIDS clerks shall be required to verify identification and documentation of applicants and accurately input this information into the COPS prior to the issuance of a permanent Decal (DD From 2220) or temporary pass. Employees will be crossed-trained for both operations. High School Diploma or Equivalent.
118	Vehicle Registration Clerk Lead	The vehicle registration/AVIDS Supervisor provides scheduling, liason between employees and government representative for everyday questions, supervise employees, training. The vehicle registration/AVIDS clerks shall be required to verify identification and documentation of applicants and accurately input this information into the COPS prior to the issuance of a permanent Decal (DD From 2220) or temporary pass. Employees will be crossed-trained for both operations. High School Diploma or Equivalent.
119	Lenel Certified Systems Engineer	Perform systems study, site walk-downs and conceptual and designs for comprehensive security/access control systems. Evaluate customer requirements and select available equipment and interfaces required. Evaluate access control and intrusion detection solutions. Provide integration, operation and maintenance of Access Control systems and in particular designing LENEL-based systems. Perform integration, testing and validation of hardware and software. Demonstrate troubleshooting skills including computer hardware and software, network hardware and software, and field hardware subsystems relating to security systems. Develop testing procedures and factory acceptance tests. Perform acceptance tests and construct security plans for customers at various locations. Note: Personnel providing above services will be certified with LENEL systems and familiar with server and LAN/WAN integration functions and roles, as well as have extensive experience in the above skills.



Systems Integration/Modeling & Simulation, Inc. GSA Schedule 70 Commercial Rates

	<b>Labor Category</b>	<b>GSA Price with IFF</b>
1	Administrative Support	\$42.25
2	Administrative Assistant I	\$30.21
3	Administrative Assistant. II	\$33.02
4	Administrative Assistant III	\$36.32
5	Administrative Assistant IV	\$39.97
6	Alarm/Monitor Program Manager	\$57.72
7	Alarm/Monitor Supervisor	\$42.82
8	Alarm/Monitor	\$38.92
9	Computer Programmer I	\$43.88
10	Computer Programmer II	\$49.66
11	Computer Programmer III	\$59.21
12	Computer Programmer IV	\$70.58
13	Computer Technician I	\$52.97
14	Computer Technician II	\$58.27
15	Computer Technician III	\$62.62
16	Computer Technician IV	\$70.50
17	Cost Analyst	\$91.52
18	Data Warehouse Spec I	\$84.49
19	Data Warehouse Spec II	\$99.98
20	Data Warehouse Spec III	\$126.74
21	Data Warehouse Spec IV	\$140.81
22	Data Warehouse Spec V	\$154.90
23	Database Administrator I	\$78.84
24	Database Administrator II	\$82.80
25	Database Administrator III	\$86.92
26	Database Administrator IV	\$91.27
27	Drafter/Illustrator I	\$52.02
28	Drafter/Illustrator II	\$57.80
29	Draftsman	\$86.06
30	Electrical Engineer I	\$52.34
31	Electrical Engineer II	\$79.46

Systems Integration/Modeling & Simulation, Inc. GSA Schedule 70 Commercial Rates

	<b>Labor Category</b>	<b>GSA Price with IFF</b>
32	Electrician I	\$52.34
33	Electrician II	\$60.18
34	Electrician III	\$69.19
35	Enterprise Consultant I	\$137.36
36	Enterprise Consultant II	\$177.25
37	Enterprise Consultant III	\$222.02
38	HP OpenView Consultant	\$122.85
39	HW/SW Installation Tech	\$102.41
40	HW/SW Specialist	\$111.71
41	Help Desk Specialist I	\$52.61
42	Help Desk Specialist II	\$64.62
43	Help Desk Specialist III	\$77.54
44	Help Desk Specialist IV	\$92.68
45	Help Desk Specialist V	\$111.71
46	Help Desk Mgr.	\$150.61
47	Info Engineer I	\$50.66
48	Info Engineer II	\$66.90
49	Info Engineer III	\$81.76
50	Info Engineer IV	\$96.62
51	Info Engineer V	\$115.78
52	Internet/Intranet Spec I	\$105.61
53	Internet/Intranet Spec II	\$141.22
54	Internet/Intranet Spec III	\$174.62
55	Mechanical Engineer I	\$47.66
56	Mechanical Engineer II	\$79.46

Systems Integration/Modeling & Simulation, Inc. GSA Schedule 70 Commercial Rates

	<b>Labor Category</b>	<b>GSA Price with IFF</b>
57	Network Engineer I	\$85.41
58	Network Engineer II	\$92.68
59	Network Engineer III	\$101.94
60	Network Engineer IV	\$112.15
61	Network Engineer V	\$127.83
62	Network Engineer VI	\$138.94
63	Network Management Engineer I	\$303.24
64	Network Management Engineer II	\$375.28
65	Network Management Engineer III	\$430.56
66	Network Technician I	\$101.07
67	Network Installation Technician II	\$110.81
68	Operations Manager	\$163.55
69	Program Manager I	\$195.58
70	Program Manager II	\$263.43
71	Programmer/Analyst I	\$100.45
72	Programmer Analyst II	\$124.46
73	Programmer Analyst III	\$135.10
74	Proj Control Specialist	\$94.07
75	Project Manager	\$88.04
76	Quality Assurance Specialist I	\$69.93
77	Quality Assurance Specialist II	\$76.45
78	Quality Assurance Specialist III	\$89.04
79	Remedy Consultant	\$122.85
80	Senior Computer Aerospace Scientist	\$157.25
81	Senior Computer Engineering Scientist	\$122.85
82	Software Engineer I	\$112.97
83	Software Engineer II	\$127.83

Systems Integration/Modeling & Simulation, Inc. GSA Schedule 70 Commercial Rates

	<b>Labor Category</b>	<b>GSA Price with IFF</b>
84	Subject Matter Expert I	\$206.03
85	Subject Matter Expert II	\$277.19
86	Systems Integration Architect	\$251.42
87	Systems Integration Engineer I	\$206.03
88	Systems Integration Engineer II	\$244.82
89	Systems Administrator	\$126.92
90	System Analyst I	\$94.00
91	System Analyst II	\$108.38
92	System Analyst III	\$123.79
93	System Analyst IV	\$138.18
94	System Architect	\$175.12
95	System Engineer I	\$91.04
96	System Engineer II	\$108.38
97	System Engineer III	\$127.83
98	System Engineer IV	\$172.43
99	System Operator	\$110.81
100	Technical Editor/Writer I	\$72.94
101	Technical Editor/Writer II	\$90.22
102	Technician I	\$49.61
103	Technician II	\$57.01
104	Technician III	\$65.15
105	Technician IV	\$73.30
106	Training Specialist	\$110.81
107	Trainer II	\$114.38
108	Dispatcher	\$48.20
109	Switchboard Operator I	\$30.04
110	Switchboard Operator II	\$34.53
111	Telecommunication Mechanic Technician I	\$70.33
112	Telecommunication Mechanic Technician II	\$76.13

Systems Integration/Modeling & Simulation, Inc. GSA Schedule 70 Commercial Rates

	<b>Labor Category</b>	<b>GSA Price with IFF</b>
113	Inspector	\$43.76
114	Alternate Lead Inspector	\$46.89
115	Lead Inspector	\$50.01
116	Vehicle Registration Clerk	\$26.34
117	Vehicle Registration Clerk Alternate Lead	\$28.22
118	Vehicle Registration Clerk Lead	\$30.10
119	Lenel Certified Systems Engineer	\$102.55