

**GENERAL SERVICES ADMINISTRATION
FEDERAL SUPPLY SERVICE
AUTHORIZED FEDERAL SUPPLY SCHEDULE CATALOG/PRICE LIST**

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

SCHEDULE TITLE: Federal Supply Schedule 70 - General Purpose Commercial Information Technology Equipment, Software, and Services

CONTRACT NUMBER: GS-35F-0499X

CONTRACT PERIOD: July 14, 2016–July 13, 2021

Pricelist current through Modification PO-0003 effective July 14, 2016

For more information on ordering from Federal Supply go to this website: www.gsa.gov/schedules



CONTRACTOR: Product Data Integration Technologies dba Modulant, Inc.

4130 Faber Place Drive, Suite 204
North Charleston, SC 29405
Phone: 843-743-2653
Fax: 843-743-2250
E-Mail: cjohnson@modulant.com
Web site: <http://www.modulant.com>

CONTRACTOR'S ADMINISTRATION SOURCE:

Alfred Johnson, President
4130 Faber Place Drive, Suite 204
North Charleston, SC 29405
Phone: 843-743-2880
E-mail: cjohnson@modulant.com

BUSINESS SIZE: Minority Owned Small Business



CUSTOMER INFORMATION:

1a. TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINs)

SIN DESCRIPTION

132-51 Information Technology Professional Services

1b. LOWEST PRICED MODEL NUMBER AND PRICE FOR EACH SIN: N/A

(Government net price based on a unit of one)

1c. HOURLY RATES (Services only):

LINE ITEM	LABOR CATEGORY	PRICE
1	Chief Scientist	\$226.74
2	Senior Program Manager	\$187.64
3	Program Manager	\$143.76
4	Senior Project Manager	\$137.76
5	Project Manager	\$127.05
6	Principal Technology Specialist	\$193.51
7	Senior Technology Specialist	\$182.76
8	Technology Specialist	\$122.17
9	Principal Software Engineer	\$129.18
10	Senior Software Engineer	\$102.70
11	Software Engineer	\$92.85
12	Principal Infrastructure Engineer	\$99.07
13	Senior Infrastructure Engineer	\$94.69
14	Infrastructure Engineer	\$76.37
15	Principal Technical Analyst	\$102.01
16	Senior Technical Analyst	\$83.09
17	Technical Analyst	\$67.69
18	Principal Technical Support Analyst	\$82.19
19	Senior Technical Support Analyst	\$73.68
20	Technical Support Analyst	\$49.62
21	Principal Business Specialist	\$88.01
22	Senior Business Specialist	\$77.60
23	Business Specialist	\$65.03
24	Principal Administrative Associate	\$59.73
25	Senior Administrative Associate	\$47.34
26	Administrative Associate	\$42.24

2. MAXIMUM ORDER*:

The Maximum Order value for the following Special Item Numbers (SINs) is \$500,000: Special Item Number 132-51 - Information Technology Professional Services

NOTE TO ORDERING ACTIVITIES: *If the best value selection places your order over the Maximum Order identified in this catalog/pricelist, you have an opportunity to obtain a better schedule contract price. Before placing your order, contact the aforementioned contactor for a better price. The contractor may (1) offer a new price for this requirement (2) offer the lowest price available under this contract or (3) decline the order. A delivery order that exceeds the maximum order may be placed under the schedule contract in accordance with FAR 8.404.

3. MINIMUM ORDER: \$100

4. GEOGRAPHIC COVERAGE:



The Geographic Scope of Contract will be domestic and overseas delivery.

5. **POINT(S) OF PRODUCTION:** N/A
6. **DISCOUNT FROM LIST PRICES:** Prices shown are NET Prices; Basic Discounts have been deducted. Prices shown are NET prices; Basic Discounts have been deducted. Government Educational Institutions are offered the same discounts as all other Government customers.
7. **QUANTITY DISCOUNT(S):** None
8. **PROMPT PAYMENT TERMS:** N/A
- 9a. **Government Purchase Cards must be accepted at or below the micro-purchase threshold.**
- 9b. **Government Purchase Cards are accepted above the micro-purchase threshold. Contact contractor for limit.**
10. **FOREIGN ITEMS:** N/A
- 11a. **TIME OF DELIVERY:** N/A
- 11b. **EXPEDITED DELIVERY:** Items available for expedited delivery are noted in this price list.
- 11c. **OVERNIGHT AND 2-DAY DELIVERY:** Overnight and 2-day delivery are available. Contact the Contractor for rates.
- 11d. **URGENT REQUIRMENTS:** Agencies can contact the Contractor's representative to affect a faster delivery. Customers are encouraged to contact the contractor for the purpose of requesting accelerated delivery.
12. **FOB POINT:** Destination
- 13a. **ORDERING ADDRESS:** Same as Contractor
- 13b. **ORDERING PROCEDURES:** Ordering activities shall use the ordering procedures described in Federal Acquisition Regulation 8.405-3 when placing an order or establishing a SPA for supplies or services. The ordering procedures, information on Blanket Purchase Agreements (BPA's) and a sample SPA can be found at the GSA/FSS Schedule Homepage (fss.gsa.gov/schedules).
14. **PAYMENT ADDRESS:** Same as Contractor
15. **WARRANTY PROVISION:** N/A
16. **EXPORT PACKING CHARGES:** N/A
17. **TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE:** (any thresholds above the micro purchase level may be inserted by contractor)
18. **TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE):** N/A
19. **TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE):** N/A
20. **TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNT FROM LIST PRICES (IF AVAILABLE):** N/A



- 20a. **TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE):** N/A
- 21. **LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE):** N/A
- 22. **LIST OF PARTICIPATING DEALERS (IF APPLICABLE):** N/A
- 23. **PREVENTIVE MAINTENANCE (IF APPLICABLE):** N/A
- 24a. **SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g. recycled content, energy efficiency, and/or reduced pollutants):** N/A
- 24b. **Section 508 Compliance for Electronic and Information Technology (EIT):** N/A
- 25. **DUNS NUMBER:** 959415456
- 26. **NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE:** Contractor has an Active Registration in the SAM database

**TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY (IT)
PROFESSIONAL SERVICES (SPECIAL ITEM NUMBER 132-51)**

1. SCOPE

- a. The prices, terms and conditions stated under Special Item Number 132-51 Information Technology Professional Services apply exclusively to IT 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

- 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 in accordance with this clause.
- 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/EC 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

The Inspection of Services-Fixed Price (AUG 1996) (Deviation - May 2003) clause at FAR 52.246-4 applies to firm-fixed price orders placed under this contract. The Inspection-Time-and-Materials and Labor-Hour (JAN 1986) (Deviation - May 2003) clause at FAR 52.246-6 applies to time-and-materials and labor-hour 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 (Deviation – May 2003) 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 Services.

9. INDEPENDENT CONTRACTOR

All IT 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/EC 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 52.232-7 (DEC 2002), (Alternate II – Feb 2002) (Deviation – May 2003) 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 52.232-7 (DEC 2002), (Alternate II – Feb 2002) (Deviation – May 2003)) 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/EC SERVICES AND PRICING

a. The Contractor shall provide a description of each type of IT Service offered under Special Item Numbers 132-51. IT Services should be presented in the same manner as the Contractor sells to its commercial and other ordering activity customers. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.

b. Pricing for all IT Services shall be in accordance with the Contractor's customary commercial practices; e.g., hourly rates, monthly rates, term rates, and/or fixed prices.

The following is an example of the manner in which the description of a commercial job title should be presented:

EXAMPLE: Commercial Job Title: System Engineer

Minimum/General Experience: Three (3) years of technical experience which applies to systems analysis and design techniques for complex computer systems. Requires competence in all phases of systems analysis techniques, concepts and methods; also requires knowledge of available hardware, system software, input/output devices, structure and management practices.

Functional Responsibility: Guides users in formulating requirements, advises alternative approaches, conducts feasibility studies.

Minimum Education: Bachelor's Degree in Computer Science



PRODUCT DATA INTEGRATION TECHNOLOGIES, INC. DBA MODULANT SKILLED SERVICES LABOR CATEGORY DESCRIPTIONS

CHIEF SCIENTIST

Minimum/General Experience: 15 years' experience in information technology, software development, management, and application domain expertise. Specializes in IT governance, business process, system design improvement and automation, data sciences and value chain management

Functional Responsibility: Participates in overall information IT program and project planning by bringing current knowledge and future vision of technology and systems as related to the organization's goals and strategy. Determines long-term IT needs and develops overall strategy and innovative direction for acquisition, development, integration, data management, and infrastructure planning for enterprise systems. May provide guidance to development teams of complex concepts and mature processes. Interfaces primarily with leadership in the customer's organization.

Minimum Education: Bachelor's degree (Master's or PhD preferred) in Computer Science, Information Systems, Business, Engineering or related discipline.

SENIOR PROGRAM MANAGER

Minimum/General Experience: 10 years' experience in program and project management experience, including a minimum of 5 years' specific experience managing large, complex programs.

Functional Responsibility: Responsible for the management of several programs or one large, complex project. Oversees all aspects of assigned programs throughout project lifecycles to ensure completion within the defined scope, quality, time, and cost constraints. Ensures accurate allocations of resources throughout the program. Leads multi-disciplinary teams, composed of various levels of personnel, vendors, and clients to create and deploy successful solutions/systems. Has supervisory responsibilities including hiring, firing, salary, and performance management. Has primary responsibility for program scope, budget, schedule, risk management and growth. Serves as primary customer contact.

Minimum Education: Bachelor's Degree in Computer Science, Information Systems, Business, or related discipline.

PROGRAM MANAGER

Minimum/General Experience: 5 years' experience in program and project management, including a minimum of 2 years' specific experience managing moderately complex programs.

Functional Responsibility: Responsible for the management of several programs or one large, complex project. Oversees all aspects of assigned programs throughout project lifecycles to ensure completion within the defined scope, quality, time, and cost constraints. Ensures accurate allocations of resources throughout the program. Leads multi-disciplinary teams, composed of various levels of personnel, vendors, and clients to create and deploy successful solutions/systems. Has supervisory responsibilities including hiring, firing, salary, and performance management. Has primary responsibility for program scope, budget, schedule, risk management and growth. Serves as primary customer contact.

Minimum Education: Bachelor's Degree in Business, Finance, Engineering, Computer Science, Information Systems, Business, or related discipline.

SENIOR PROJECT MANAGER

Minimum/General Experience: 10 years' general experience in the IT and business disciplines in commercial or government enterprises, including at least 5 years' experience in project management for system development, and implementation or business, finance or supply chain process implementation. Must be able to identify, acquire and



utilize required resources to achieve project objectives. Must be able to organize, direct, and coordinate planning and implementation of all contract support activities.

Functional Responsibility: Responsible for the day-to-day tactical duties for a complex technical project. Manages a multi-disciplinary team of IT specialists to architect, design and implement a variety of technical solutions or a team of business, finance or supply chain management specialists. Writes product requirement documents, implements and tracks development timelines. Monitors project to ensure work scope, schedule, budget and risk management are well defined and maintained. Provides the coordination between resource managers/supervisors and ensures all necessary reviews and approvals are performed and received.

Minimum Education: Bachelor's degree in Business, Finance, Engineering, Computer Science, Mathematics, or other related discipline.

PROJECT MANAGER

Minimum/General Experience: 5 years' general experience in IT and business disciplines in commercial or government enterprises, including at least 2 years' experience in project management for system development and implementation or business, finance or supply chain process. Must be able to identify, acquire and utilize required resources to achieve project objectives. Must be able to organize, direct, and coordinate planning and implementation of all contract support activities.

Functional Responsibility: Responsible for the day-to-day tactical duties for a complex technical project. Manages a team of IT specialists to architect, design and implement a variety of technical solutions or a team of business, finance or supply chain management specialists. Writes product requirement documents, implements and tracks development timelines. Monitors project to ensure work scope, schedule, budget and risk management are well defined and maintained. Provides the coordination between resource managers/supervisors and ensures all necessary reviews and approvals are performed and received.

Minimum Education: Bachelor's degree in Business, Finance, Engineering, Computer Science, Mathematics, or other related discipline.

PRINCIPAL TECHNOLOGY SPECIALIST

Minimum/General Experience: 8 years' experience in information systems, software development, and data management, specializing in business process improvements and enterprise systems integration. Possesses and practices skills and expertise in multiple technology domains such as ERP, Solutions/Systems/Infrastructure Architecture, eCommerce, Big Data, commercial off-the-shelf (COTS) software, or Mobile Technologies. Uses knowledge of theory, principles, or technology of specific discipline or field of specialization. Has deep understanding and detailed technical knowledge of IT architectures, system design and development techniques, and/or modeling methods. Uses knowledge of theory, principles, or technology of specific discipline or field of specialization. Has technical knowledge of IT architectures, system design and development techniques, and/or modeling methods.

Functional Responsibility: Directs, designs and develops solutions to meet customer requirements within a specialized information technology domain. Leads and directs technical solutions, translating business needs into long-term architecture solutions. Oversees research, administers studies and surveys to obtain data. Analyzes problems to advise on analytics/BI, mobile, and/or recommends and implements major enterprise software solutions. Works primarily with middle to upper management and technical leads within the customer's organization.

Minimum Education: Bachelor's degree (Master's degree preferred) in Engineering, Computer Science, Information Systems, Business, or related discipline.

SENIOR TECHNOLOGY SPECIALIST

Minimum/General Experience: 5 years' experience in information systems, software development, and data management, specializing in business process improvements and enterprise systems integration. Possesses and practices skills and expertise in one or more technology domains such as ERP, Solutions/Systems/Infrastructure



Architecture, eCommerce, Big Data, commercial off-the-shelf (COTS) software, or Mobile Technologies. Uses knowledge of theory, principles, or technology of specific discipline or field of specialization. Has technical knowledge of IT architectures, system design and development techniques, and/or modeling methods.

Functional Responsibility: Designs and develops solutions to meet customer requirements within a specialized information technology domain. Develops technical solutions, oversees research to obtain relevant data, and analyzes requirements to recommend and implement major enterprise software solutions. Works primarily with middle to upper management and, technical leads, and subject matter experts within the customer's organization. May lead and direct the work of others.

Minimum Education: Bachelor's degree (Master's degree preferred) in Engineering, Computer Science, Information Systems, Business, or related discipline.

TECHNOLOGY SPECIALIST

Minimum/General Experience: 0-4 years' experience in information systems, software development, and data management. Possesses and practices skills and expertise in at least one technology domain such as ERP, Solutions/Systems/Infrastructure Architecture, eCommerce, Big Data, commercial off-the-shelf (COTS) software, or Mobile Technologies. Uses knowledge of theory, principles, or technology of specific discipline or field of specialization. Has technical knowledge of IT architectures, system design and development techniques, and/or modeling methods.

Functional Responsibility: Develops solutions to meet customer requirements within a specialized information technology domain. Participates in the development of technical solutions and conducts research to obtain relevant data, and analyzes requirements. Works primarily with middle management and subject matter experts within the customer's organization.

Minimum Education: Bachelor's degree (Master's degree preferred) in Engineering, Computer Science, Information Systems, Business, or related discipline.

PRINCIPAL SOFTWARE ENGINEER

Minimum/General Experience: 8 years' experience in detail design and development of computer software for enterprise applications. Expertise required in multiple programming languages and scripting languages. Experience in tools, techniques and methodologies used in the development and testing of computer programs or data warehousing.

Functional Responsibility: Performs one or more of the following activities: directs, designs, and develops new software or significant enhancements to existing software, works with technical staff to understand software requirements and develops solutions, performs data analysis and schema design in support of requirements, builds export, transform and load (ETL) scripts for data migration or warehousing, designs and builds web applications and pages using a variety of graphics software applications, techniques, and tools; participates in the development of software user manuals. May lead and direct the work of others.

Minimum Education: Bachelor's degree in Engineering, Computer Science, Information Systems, or other related discipline.



SENIOR SOFTWARE ENGINEER

Minimum/General Experience: 5 years' experience in detail design and development of computer software. Expertise required in several programming languages and scripting languages. Experience in tools, techniques and methodologies used in the development and testing of computer programs data warehousing.

Functional Responsibility: Performs one or more of the following activities: participates as a technical expert in design, development, coding, testing and debugging new software or significant enhancements to existing software; works with technical staff to understand problems with software and develops solutions to resolve them; performs data analysis and schema design in support of requirements; builds export, transform and load (ETL) scripts for data migration or warehousing; designs and builds web applications and pages using a variety of graphics software applications, techniques and tools; participates in the development of software user manuals. May act as a team lead.

Minimum Education: Bachelor's degree in Engineering, Computer Science, Information Systems, or other related discipline.

SOFTWARE ENGINEER

Minimum/General Experience: 0-4 years' experience in detail design and development of computer software. Expertise required in one or more programming languages and scripting languages. Experience in tools, techniques and methodologies used in the development and testing of computer programs or data warehousing.

Functional Responsibility: Performs one or more of the following activities: participates in design development, coding, testing and debugging new software or significant enhancements to existing software; works with technical staff to understand problems with software and develops solutions to resolve them; performs data analysis and schema design in support of requirements; builds export, transform and load (ETL) scripts for data migration or warehousing; builds web applications and pages using a variety of graphics software applications, techniques, and tools; participates in the development of software user manuals.

Minimum Education: Bachelor's degree in Engineering, Computer Science, Information Systems, or other related discipline.

PRINCIPAL INFRASTRUCTURE ENGINEER

Minimum/General Experience: 8 years' experience in IT systems engineering, operations and maintenance. Must have progressive experience in managing IT infrastructure including data center facilities, servers, networks and supporting systems. Proven expertise in infrastructure security, technology transfer, technology insertion, data center configuration and operations, system upgrade/replacement, and application of emerging technologies.

Functional Responsibility: Performs one or more of the following activities: directs and guides information systems operations activities, including computer and telecommunications/communications operations, data entry, data control, LAN/MAN/WAN administration and operations support, operating systems programming, system security policy procedures, and/or web strategy and operations; designs, builds, and implements network and/or database systems; directs compilation of records and reports concerning network/database operations and maintenance; troubleshoots network/database performance issues; analyzes network traffic and provides capacity planning solutions; monitors and responds to complex hardware and software problems; performs system-level design and configuration of products including determination of hardware, OS, and other platform specifications; performs system performance tuning, plans large-scale systems projects through vendor comparison and cost studies.

Minimum Education: Bachelor's degree in Engineering, Computer Science, or related discipline.

SENIOR INFRASTRUCTURE ENGINEER

Minimum/General Experience: 5 years' experience in networking and computer systems. Must have experience in hardware and desktop operating systems and applications as well as network operating systems and security. Must be able to test, maintain, and monitor network, computer, and database systems.



Functional Responsibility: Performs one or more of the following activities: provides assistance and oversight for all information systems operations activities, including computer and telecommunications/communications operations, data entry, data control, LAN/MAN/WAN administration and operations support, operating systems programming, system security policy procedures, and/or web strategy and operations; designs, builds, and implements network and/or database systems; directs compilation of records and reports concerning network/database operations and maintenance; troubleshoots network/database performance issues; analyzes network traffic and provides capacity planning solutions; monitors and responds to complex hardware and software problems; monitors and responds to moderately complex hardware and software problems; performs system-level design and configuration of products including determination of hardware, OS, and other platform specifications, performs system performance tuning.

Minimum Education: Bachelor's degree in Engineering, Computer Science, or other related discipline.

INFRASTRUCTURE ENGINEER

Minimum/General Experience: 0-4 years' experience in networking or computer systems. Must have experience in hardware and desktop operating systems and applications as well as network operating systems and security. Must be able to test, maintain, and monitor network, computer, and database systems.

Functional Responsibility: Performs one or more of the following activities: provides assistance and oversight for all information systems operations activities, including computer and telecommunications/communications operations, data entry, data control, LAN/MAN/WAN administration and operations support, operating systems programming, system security policy procedures, and/or web strategy and operations; assists with implementation of network and/or database systems; compiles records and reports concerning network/database operations and maintenance; troubleshoots network/database performance issues; analyzes network traffic and provides capacity planning solutions; monitors and responds to hardware and software problems; monitors and responds to hardware and software problems, performs system performance tuning.

Minimum Education: Bachelor's degree in Engineering, Computer Science, or other related discipline.

PRINCIPAL TECHNICAL ANALYST

Minimum/General Experience: 8 years' experience in analysis of information technology systems. Must have broad in-depth knowledge and experience in automated business process concepts, software development, quality assurance and systems implementation.

Functional Responsibility: Performs one or more of the following activities: formulates and defines systems scope and objectives based on both user needs and a thorough understanding of business systems and industry requirements; devises or modifies procedures to solve complex problems considering computer equipment capacity and limitations, operation time, and form of desired results; analyzes business and user needs, documents requirements and translates them into proper system requirements specifications; provides consultation on complex projects and is considered to be the top level contributor/specialist while considering the business implications to the current and future business environment; provides an independent assessment of how the project's software development process is being implemented relative to the defined process and recommends methods to optimize the organization's process; responsible for activities involving quality assurance and compliance with applicable regulatory requirements; directs audit activities including review/analysis of data and documentation; develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications.

Minimum Education: Bachelor's degree.

SENIOR TECHNICAL ANALYST

Minimum/General Experience: 5 years' experience in analysis of information technology systems. Must have broad in-depth knowledge and experience in automating business processes, software development, quality assurance and systems implementation.

Functional Responsibility: Performs one or more of the following activities: formulates and defines systems scope and objectives based on both user needs and a thorough understanding of business systems and industry requirements; devises or modifies procedures to solve moderately complex problems considering computer equipment capacity and limitations, operation time, and form of desired results; analyzes business and user needs, documents requirements and translates them into formal system requirements specifications; provides consultation on complex projects and is considered to be a high level contributor/specialist while considering the business implications to the current and future business environment; provides an independent assessment of how the project's software development process is being implemented relative to the defined process and recommends methods to optimize the organization's process; responsible for activities involving quality assurance and compliance with applicable regulatory requirements; conducts audits and reviews/analyzes data and documentation; develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications.

Minimum Education: Bachelor's degree.

TECHNICAL ANALYST

Minimum/General Experience: 0-4 years' experience in analysis of information technology systems. Must have broad in-depth knowledge and experience in automation of business processes, software development, quality assurance and systems implementation.

Functional Responsibility: Performs one or more of the following activities: assists with formulating and defining systems scope and objectives based on both user needs and a thorough understanding of business systems and industry requirements; devises or modifies procedures to solve problems considering computer equipment capacity and limitations, operation time, and form of desired results; analyzes business and user needs, documents requirements and translates them into formal system requirements specifications; responsible for activities involving quality assurance and compliance with applicable regulatory requirements; conducts audits and reviews/analyzes data and documentation; develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications.

Minimum Education: Bachelor's degree.

PRINCIPAL TECHNICAL SUPPORT ANALYST

Minimum/General Experience: 8 years' experience in technical writing, applications support, and/or instructional design industry. Must have experience in developing professional documentation for complex software, systems and processes, coordinating with industry suppliers of documentation products, managing documentation projects, and writing techniques.

Functional Responsibility: Performs one or more of the following activities: directs the writing of a variety of technical documentation including articles, reports, brochures, and/or manuals for a wide range of uses; coordinates the display of graphics and the production of the document; assesses, designs and conceptualizes training scenarios, approaches, objectives, plans, tools, aids, curriculums and other state of the art technologies related to training and behavioral studies; identifies training requirements and develops and revises training courses; prepares training catalogs and course materials; conducts either instructor-led or CBT/Virtual training; provides support to end users on a variety of issues; identifies, researches, and resolves technical problems; documents, tracks, and monitors the problem to ensure a timely resolution; configures, administers, updates, reports, and provides technical support for a wide range of software applications; performs routine analysis including planning, designing, and evaluating a variety of information technology tools; responds to user requests for system needs and upgrades; applies standard methodology, techniques, procedures and criteria; primarily works with Information Engineers and Programmers. May lead or direct the work of other technical support analysts.

Minimum Education: Bachelor's Degree in Business, English or other related discipline.



SENIOR TECHNICAL SUPPORT ANALYST

Minimum/General Experience: 5 years' experience in technical writing, applications support, and/or instructional design industry. Must have experience in developing technical documentation for complex software, systems and processes, coordinating with industry suppliers of documentation products, managing documentation projects, and writing techniques.

Functional Responsibility: Performs one or more of the following activities: writes a variety of complex technical documentation including articles, reports, brochures, and/or manuals for a wide range of uses; coordinates the display of graphics and the production of the document; assesses, designs, and conceptualizes training scenarios, approaches, objectives, plans, tools, aids, curriculums, and other state of the art technologies related to training and behavioral studies; identifies training requirements and develops and revises training courses; prepares training catalogs and course materials; conducts either instructor-led or CBT/Virtual training; provides support to end users on a variety of issues; identifies, researches, and resolves technical problems; documents, tracks, and monitors the problem to ensure a timely resolution; configures, administers, updates, reports, and provides technical support for a wide range of software applications; performs routine analysis including planning, designing, and evaluating a variety of information technology tools; responds to user requests for system needs and upgrades; applies standard methodology, techniques, procedures and criteria; primarily works with Information Engineers and Programmers. May act as a team lead.

Minimum Education: Bachelor's Degree in Business, English or other related discipline.

TECHNICAL SUPPORT ANALYST

Minimum/General Experience: 0-4 years' experience in technical writing, applications support, and/or instructional design industry. Must have experience in developing technical documentation for software, systems and processes, coordinating with industry suppliers of documentation products, managing documentation projects, and writing techniques.

Functional Responsibility: Performs one or more of the following activities: writes a variety of technical documentation including articles, reports, brochures, and/or manuals for a wide range of uses; assists with the coordination of the production of the document; assesses, designs, and conceptualizes training scenarios, approaches, objectives, plans, tools, aids, curriculums, and other state of the art technologies related to training and behavioral studies; develops and revises training courses; prepares training catalogs and course materials; conducts either instructor-led or CBT/Virtual training; provides support to end users on a variety of issues; identifies, researches, and resolves technical problems; documents, tracks, and monitors the problem to ensure a timely resolution; configures, administers, updates, reports, and provides technical support for a wide range of software applications; performs routine analysis including planning, designing, and evaluating a variety of information technology tools; responds to user requests for system needs and upgrades; applies standard methodology, techniques, procedures and criteria; primarily works with Information Engineers and Programmers.

Minimum Education: Bachelor's Degree in Business, English or other related discipline.



PRINCIPAL BUSINESS SPECIALIST

Minimum/General Experience: 8 years' experience in finance, contracts administration and/or business management. Must have experience preparing financial data, reports, budgets and/or forecasts or have experience preparing/reviewing contractual documents such as non-disclosure agreements, teaming agreements, solicitations, RFPs, etc. Familiar with standard concepts, practices, and procedures within a particular field.

Functional Responsibility: Performs one or more of the following activities: leads and directs the general accounting function; directs and participates in the preparation of journal entries, reconciliation of general ledger accounts, financial statements and sales and property tax returns. Responsible for various financial functions such as budgeting, auditing, forecasting and analysis. Directs the preparation of contractual provisions and the administration of contracts. Responsible for preparing bids and negotiating specifications and contractual provisions. Leads and conducts proposal preparation, contract negotiation and administration of major contracts or subcontracts. Monitors company performance for conformance to contract requirements; leads and facilitates activities in the Program/Project Management Office (PMO) by designing, interpreting, and recommending reports and metrics used in the analysis of key project indicators; assists in the development, implementation, and oversight of the project process methodology.

Minimum Education: Bachelor's Degree in Business, Finance, Accounting or other related discipline.

SENIOR BUSINESS SPECIALIST

Minimum/General Experience: 5 years' experience in finance, contracts administration and/or business management. Must have experience preparing financial data, reports, budgets and/or forecasts or have experience preparing/reviewing contractual documents such as non-disclosure agreements, teaming agreements, solicitations, RFPs, etc. Familiar with standard concepts, practices, and procedures within a particular field.

Functional Responsibility: Performs one or more of the following activities: preparation of journal entries, financial statements and sales and property tax returns and reconciliation of general ledger accounts. Responsible for various financial functions such as budgeting, auditing, forecasting and analysis and preparing bids and negotiating specifications and contractual provisions. Leads and conducts proposal preparation, contract negotiation and administration of major contracts or subcontracts; monitors company performance for conformance to contract requirements; facilitates and supports activities in the Program/Project Management Office (PMO) by designing, interpreting, and recommending reports and metrics used in the analysis of key project indicators; assists in the development, implementation, and oversight of the project process methodology. May lead the work of others.

Minimum Education: Bachelor's Degree in Business, Finance, Accounting or other related discipline.

BUSINESS SPECIALIST

Minimum/General Experience: 0-4 years' experience in finance, contracts administration and/or business management. Must have experience preparing financial data, reports, budgets and/or forecasts or have experience preparing/reviewing contractual documents such as non-disclosure agreements, teaming agreements, solicitations, RFPs, etc. Familiar with standard concepts, practices, and procedures within a particular field.

Functional Responsibility: Performs one or more of the following activities: assists with preparation of journal entries, financial statements and sales and property tax returns and reconciliation of general ledger accounts. Responsible for various financial functions such as budgeting, auditing, forecasting and analysis; preparing bids and negotiating specifications and contractual provisions; proposal preparation and administration of contracts or subcontracts; monitoring company performance for conformance to contract requirements. Supports activities in the Program/Project Management Office (PMO) by designing, interpreting, and recommending reports and metrics used in the analysis of key project indicators and assisting in the development, implementation, and oversight of the project process methodology.

Minimum Education: Bachelor's Degree in Business, Finance, Accounting or other related discipline.



PRINCIPAL ADMINISTRATIVE ASSOCIATE

Minimum/General Experience: 8 years' related administrative and/or accounting experience. Demonstrated administrative/accounting and organizational skills. Requires knowledge of word processing, spreadsheet and/or other pertinent software applications.

Functional Responsibility: Performs one or more of the following activities: directs the work of complex administrative/accounting support including scheduling conferences, meetings and business trips; purchase of materials, maintaining filing system, tracking calls, delivery orders and action items through to completion; giving daily program status updates to managers; maintaining records and minutes of daily meetings and conferences; directing complex clerical and entry-level accounting activities; may lead others in balancing accounts, preparing summary of balances, cost information, or other reports for supervisor's use in preparing financial statements; coordinates and monitors the entries of vouchers, invoices, checks, account statements, security records, reports, and other records within electronic accounting system.

Minimum Education: Associate's Degree in Accounting, Business or other related discipline.

SENIOR ADMINISTRATIVE ASSOCIATE

Minimum/General Experience: 5 years' related administrative and/or accounting experience. Demonstrated administrative/accounting and organizational skills. Requires knowledge of word processing, spreadsheet and other pertinent software applications.

Functional Responsibility: Performs one or more of the following complex administrative and accounting activities: schedules conferences, meetings and business trips; purchases materials, maintains filing system; tracks calls, delivery orders and action items through to completion; gives daily program status updates to managers; maintains records and minutes of daily meetings and conferences. Participates in daily functions of the office. Performs moderately complex clerical and entry-level accounting activities; participates in balancing accounts, prepares summary of balances, cost information, or other reports for supervisor's use in preparing financial statements; enters vouchers, invoices, checks, account statements, security records, reports, and other records; reconciles bank statements. May lead the work of others.

Minimum Education: Associate's Degree in Accounting, Business or other related discipline.

ADMINISTRATIVE ASSOCIATE

Minimum/General Experience: 0-4 years' related administrative and/or accounting experience. Demonstrated administrative/accounting and organizational skills. Requires knowledge of word processing, spreadsheet and other pertinent software applications.

Functional Responsibility: Performs one or more of the following routine administrative and accounting support activities: schedules conferences, meetings and business trips; purchases materials; maintains filing system; tracks calls, delivery orders and action items to completion; gives daily program status updates to managers; maintains records and minutes of daily meetings and conferences; assists with daily functions of the office; performs routine clerical and entry-level accounting activities including assistance in balancing accounts, preparing summary of balances, cost information, or other reports for supervisor's use in preparing financial statements; enters vouchers, invoices, checks, account statements, security records, reports, and other records; assists with reconciling bank statements.

Minimum Education: Associate's Degree in Accounting, Business or other related discipline.

**NOTE: 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.

Para 17 of our contract states:



EDUCATION/EXPERIENCE SUBSTITUTIONS

Product Data Integration Technologies, Inc., reserves the right to make the following substitutions in the education and/or experience requirements of any of the service skill categories set forth herein.

- 1.** 1 year experience is the equivalent of 1 year of education.
- 2.** 1 year of education is the equivalent of 1 year of experience.
- 3.** Certification related to the technology is equivalent to 2 years of the experience/education requirement.