



U.S. General Services Administration



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

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

**WORLDWIDE FEDERAL SUPPLY SCHEDULE CONTRACT
SCHEDULE TITLE: GENERAL PURPOSE COMMERCIAL INFORMATION
TECHNOLOGY EQUIPMENT, SOFTWARE, AND SERVICES**

FSC GROUP: 70

**CONTRACT NUMBER:
GS-35F-0581R**

**PERIOD COVERED BY CONTRACT:
May 18, 2005 through May 17, 2020**

**Vision Technologies, Inc.
530 McCormick Drive, Suite G
Glen Burnie, MD 21061-8200
(P) 410-691-3109
(F) 571-323-1850
<http://www.visiontech.biz/>**

Contractor's Administration Source:
Al Saxon
asaxon@visiontech.biz

General Services Administration
Management Services Center Acquisition Division
Modification #PA-0023, Dated 9/27/2016

Business Size:
Small Business
Service Disabled Veteran Owned Small Business

DUNS: 017631941

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

GSA AWARDED TERMS AND CONDITIONS
Vision Technologies, Inc.

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

<u>SIN 132-51:</u>	Information Technology (IT) Professional Services
<u>SIN 132-8:</u>	Purchase of New Equipment
<u>SIN 132-12:</u>	Maintenance of Equipment, Repair Services and/or Repair/Spare Parts

1b. **LOWEST PRICED MODEL NUMBER AND PRICE FOR EACH SIN:** See attached GSA Pricelist

1c. **HOURLY RATES (Services Only):** See attached GSA pricelist

2. **MAXIMUM ORDER*:**

<u>SIN 132-51:</u>	\$500,000
<u>SIN 132-8:</u>	\$500,000
<u>SIN 132-12:</u>	\$500,000

*If the "best value" selection places your order over this 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 contractor 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:** 48 Contiguous States including Washington, DC, Alaska, Hawaii, and Puerto Rico

5. **POINT(S) OF PRODUCTION:** 530 McCormick Drive, Suite G, Glen Burnie, MD 21061-8200

6. **DISCOUNT FROM LIST PRICES:** Refer to attached Pricelist

7. **QUANTITY DISCOUNT(S):** None

8. **PROMPT PAYMENT TERMS:** For SIN 132-8: 2%, 5 days from receipt of invoice or date of acceptance.

9a. Government purchase cards *are accepted* at or below the micro-purchase threshold

9b. Government purchase cards *are not accepted* above the micro-purchase threshold

10. **FOREIGN ITEMS:** N/A

11a. **TIME OF DELIVERY:** The Contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as set forth below:

SIN 132-8: 30 Days

SIN 132-51: To be Negotiated at the task order level

SIN 132-12: To be Negotiated at the task order level

11b. **EXPEDITED DELIVERY:** To be negotiated at the task order level

11c. **OVERNIGHT AND 2-DAY DELIVERY:** To be negotiated at the task order level

- 11d. **URGENT REQUIREMENTS:** To be negotiated at the task order level
12. **FOB POINT:** Destination
- 13a. **ORDERING ADDRESS:**
Vision Technologies, Inc.
530 McCormick Drive, Suite G
Glen Burnie, MD 21061-8200
(P) 410-691-3109
(F) 571-323-1850
<http://www.visiontech.biz/>
Al Saxon
asaxon@visiontech.biz
- 13b. **ORDERING PROCEDURES:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in FAR 8.405-3
14. **PAYMENT ADDRESS:**
Vision Technologies, Inc.
530 McCormick Drive, Suite G
Glen Burnie, MD 21061-8200
(P) 410-691-3109
(F) 571-323-1850
<http://www.visiontech.biz/>
Al Saxon
asaxon@visiontech.biz
15. **WARRANTY PROVISION:** N/A
16. **EXPORT PACKING CHARGES:** N/A
17. **TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE:**
Accepted at or below the micro-purchase threshold
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 DISCOUNTS 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):**
Vision Technologies, Inc.
530 McCormick Drive, Suite G
Glen Burnie, MD 21061-8200
(P) 410-691-3109
(F) 571-323-1850
<http://www.visiontech.biz/>
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 EIT:** As applicable
25. **DUNS NUMBER:** 017631941
26. **NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE:** Active

**TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY NEW
EQUIPMENT(SPECIAL ITEM NUMBER 132-8)**

1. MATERIAL AND WORKMANSHIP

All equipment furnished hereunder must satisfactorily perform the function for which it is intended.

2. ORDER

Written orders, EDI orders (GSA Advantage! and FACNET), credit card orders, and orders placed under blanket purchase agreements (BPA) agreements shall be the basis for purchase in accordance with the provisions of this contract. If time of delivery extends beyond the expiration date of the contract, the Contractor will be obligated to meet the delivery and installation date specified in the original order.

For credit card orders and BPAs, telephone orders are permissible.

3. TRANSPORTATION OF EQUIPMENT

FOB DESTINATION. Prices cover equipment delivery to destination, for any location within the geographic scope of this contract.

4. INSTALLATION AND TECHNICAL SERVICES

a. **INSTALLATION.** When the equipment provided under this contract is not normally self-installable, the Contractor's technical personnel shall be available to the ordering activity, at the ordering activity's location, to install the equipment and to train ordering activity personnel in the use and maintenance of the equipment. The charges, if any, for such services are listed below, or in the price schedule: **Please see attached GSA Pricelist for maintenance, installation and repair labor rates.**

b. **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 SIN 132-9.

c. **OPERATING AND MAINTENANCE MANUALS.** The Contractor shall furnish the ordering activity with one (1) copy of all operating and maintenance manuals which are normally provided with the equipment being purchased.

5. INSPECTION/ACCEPTANCE

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any equipment that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming equipment at no increase in contract price. The ordering activity must exercise its post acceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

6. WARRANTY

a. Unless specified otherwise in this contract, the Contractor's standard commercial warranty as stated in the contract's commercial pricelist will apply to this contract.

b. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

c. **Limitation of Liability.** Except as otherwise provided by an express or implied warranty, the Contractor will not be liable to the ordering activity for consequential damages resulting from any defect or deficiencies in accepted items.

d. If inspection and repair of defective equipment under this warranty will be performed at the Contractor's plant, the address is as follows:

7. PURCHASE PRICE FOR ORDERED EQUIPMENT

The purchase price that the ordering activity will be charged will be the ordering activity purchase price in effect at the time of order placement, or the ordering activity purchase price in effect on the installation date (or delivery date when installation is not applicable), whichever is less.

8. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City or otherwise) covering work of this character, and shall include all costs, if any, of such compliance in the prices quoted in this offer.

9. TRADE-IN OF INFORMATION TECHNOLOGY EQUIPMENT

When an ordering activity determines that Information Technology equipment will be replaced, the ordering activity shall follow the contracting policies and procedures in the Federal Acquisition Regulation (FAR), the policies and procedures regarding disposition of information technology excess personal property in the Federal Property Management Regulations (FPMR) (41 CFR 101-43.6), and the policies and procedures on exchange/sale contained in the FPMR (41 CFR part 101-46).

**TERMS AND CONDITIONS APPLICABLE TO ELECTRONIC COMMERCE AND
SUBSCRIPTION SERVICES (SPECIAL IDENTIFICATION NUMBER 132-12)**

1. SERVICE AREAS

- a. The maintenance and repair service rates listed herein are applicable to any ordering activity location within a TBD (**insert miles**) mile radius of the Contractor's service points. If any additional charge is to apply because of the greater distance from the Contractor's service locations, the mileage rate or other distance factor shall be negotiated at the Task Order level.
- b. When repair services cannot be performed at the ordering activity installation site, the repair services will be performed at the Contractor's plant(s) listed below:

Vision Technologies, Inc.
530 McCormick Drive, Suite G
Glen Burnie, MD 21061-8200

2. MAINTENANCE ORDER

- a. Agencies may use written orders, EDI orders, credit card orders, or BPAs, for ordering maintenance under this contract. The Contractor shall confirm orders within fifteen (15) calendar days from the date of receipt, except that confirmation of orders shall be considered automatic for renewals for maintenance (Special Item Number 132-12). Automatic acceptance of order renewals for maintenance service shall apply for machines which may have been discontinued from use for temporary periods of time not longer than 120 calendar days. If the order is not confirmed by the Contractor as prescribed by this paragraph, the order shall be considered to be confirmed by the Contractor.
- b. The Contractor shall honor orders for maintenance for the duration of the contract period or a lesser period of time, for the equipment shown in the pricelist. Maintenance service shall commence on a mutually agreed upon date, which will be written into the maintenance order. Maintenance orders shall not be made effective before the expiration of any applicable maintenance and parts guarantee/warranty period associated with the purchase of equipment. Orders for maintenance service shall not extend beyond the end of the contract period.
- c. Maintenance may be discontinued by the ordering activity on thirty (30) calendar days written notice, or shorter notice when agreed to by the Contractor; such notice to become effective thirty (30) calendar days from the date on the notification. However, the ordering activity may extend the original discontinuance date upon written notice to the Contractor, provided that such notice is furnished at least ten (10) calendar days prior to the original discontinuance date.
- d. Annual Funding. When annually appropriated funds are cited on a maintenance order, the period of maintenance shall automatically expire on September 30th of the contract period, or at the end of the contract period, whichever occurs first. Renewal of a maintenance order citing the new appropriation shall be required, if maintenance is to continue during any remainder of the contract period.
- e. Cross-year Funding Within Contract Period. Where an ordering activity's specific appropriation authority provides for funds in excess of a 12 month, fiscal year period, the ordering activity may place an

order under this schedule contract for a period up to the expiration of the contract period, notwithstanding the intervening fiscal years.

f. Ordering activities should notify the Contractor in writing thirty (30) calendar days prior to the expiration of maintenance service, if maintenance is to be terminated at that time. Orders for continued maintenance will be required if maintenance is to be continued during the subsequent period.

3. REPAIR SERVICE AND REPAIR PARTS/SPARE PARTS ORDERS

a. Agencies may use written orders, EDI orders, credit card orders, blanket purchase agreements (BPAs), or small order procedures for ordering repair service and/or repair parts/spare parts under this contract. Orders for repair service shall not extend beyond the end of the contract period.

b. When repair service is ordered, only one chargeable repairman shall be dispatched to perform repair service, unless the ordering activity agrees, in advance, that additional repair personnel are required to effect repairs.

4. LOSS OR DAMAGE

When the Contractor removes equipment to his establishment for repairs, the Contractor shall be responsible for any damage or loss, from the time the equipment is removed from the ordering activity installation, until the equipment is returned to such installation.

5. SCOPE

a. The Contractor shall provide maintenance for all equipment listed herein, as requested by the ordering activity during the contract term. Repair service and repair parts/spare parts shall apply exclusively to the equipment types/models within the scope of this Information Technology Schedule.

b. Equipment placed under maintenance service shall be in good operating condition.

(1) In order to determine that the equipment is in good operating condition, the equipment shall be subject to inspection by the Contractor, without charge to the ordering activity.

(2) Costs of any repairs performed for the purpose of placing the equipment in good operating condition shall be borne by the Contractor, if the equipment was under the Contractor's guarantee/warranty or maintenance responsibility prior to the effective date of the maintenance order.

(3) If the equipment was not under the Contractor's responsibility, the costs necessary to place the equipment in proper operating condition are to be borne by the ordering activity, in accordance with the provisions of Special Item Number 132-12 (or outside the scope of this contract).

6. RESPONSIBILITIES OF THE ORDERING ACTIVITY

a. Ordering activity personnel shall not perform maintenance or attempt repairs to equipment while such equipment is under the purview of a maintenance order, unless agreed to by the Contractor.

b. Subject to security regulations, the ordering activity shall permit access to the equipment which is to be maintained or repaired.

c. If the Ordering Activity desires a factory authorized/certified service personnel then this should be clearly stated in the task or delivery order.

7. RESPONSIBILITIES OF THE CONTRACTOR

a. For equipment not covered by a maintenance contract or warranty, the Contractor's repair service personnel shall complete repairs as soon as possible after notification by the ordering activity that service is required. Within the service areas, this repair service should normally be done within 4 hours after notification.

b. If the Ordering Activity task or delivery order specifies a factory authorized/certified service personnel then the Contractor is obligated to provide such a factory authorized/certified service personnel for the equipment to be repaired or serviced, unless otherwise agreed to in advance between the Agency and the Contractor.

8. MAINTENANCE RATE PROVISIONS

a. The Contractor shall bear all costs of maintenance, including labor, parts, and such other expenses as are necessary to keep the equipment in good operating condition, provided that the required repairs are not occasioned by fault or negligence of the ordering activity.

b. REGULAR HOURS

The basic monthly rate for each make and model of equipment shall entitle the ordering activity to maintenance service during a mutually agreed upon nine (9) hour principal period of maintenance, Monday through Friday, exclusive of holidays observed at the ordering activity location.

c. AFTER HOURS

Should the ordering activity require that maintenance be performed outside of Regular Hours, charges for such maintenance, if any, will be specified in the pricelist. Periods of less than one hour will be prorated to the nearest quarter hour.

d. TRAVEL AND TRANSPORTATION

If any charge is to apply, over and above the regular maintenance rates, because of the distance between the ordering activity location and the Contractor's service area, the charge will be negotiated at the Task Order level.

e. QUANTITY DISCOUNTS

Quantity discounts from listed maintenance service rates for multiple equipment owned and/or leased by a ordering activity are indicated below:

Quantity Range	Discounts
_____ Units	_____ %
_____ Units	_____ %
_____ Units	_____ %

9. REPAIR SERVICE RATE PROVISIONS

a. **CHARGES.** Charges for repair service will include the labor charge, computed at the rates set forth below, for the time during which repairmen are actually engaged in work, and, when applicable, the charge for travel or transportation.

b. **MULTIPLE MACHINES.** When repairs are ordered by a ordering activity on two or more machines located in one or more buildings within walking distance of each other, the charges will be computed from the time the repairman commences work on the first machine, until the work is completed on the last machine. The time required to go from one machine to another, or from one building to another, will be considered actual work performance, and chargeable to the ordering activity, provided the time consumed in going between machines (or buildings) is reasonable.

c. **TRAVEL OR TRANSPORTATION**

(1) **AT THE CONTRACTOR'S SHOP**

(a) When equipment is returned to the Contractor's shop for adjustments or repairs which are not covered by the guarantee/warranty provision, the cost of transportation, packing, etc., from the ordering activity location to the Contractor's plant, and return to the ordering activity location, shall be borne by the ordering activity.

(b) The ordering activity should not return defective equipment to the Contractor for adjustments and repairs or replacement without his prior consultation and instruction.

(2) **AT THE ORDERING ACTIVITY LOCATION (Within Established Service Areas)**

When equipment is repaired at the ordering activity location, and repair service rates are established for service areas or zones, the listed rates are applicable to any ordering activity location within such service areas or zones. No extra charge, time, or expense will be allowed for travel or transportation of repairmen or machines to or from the ordering activity office; such overhead is included in the repair service rates listed.

(3) **AT THE ORDERING ACTIVITY LOCATION (Outside Established Service Areas)**

(a) If repairs are to be made at the ordering activity location, and the location is outside the service area as shown in paragraph 1.a, the repair service and mileage rates negotiated per subparagraphs 1.a and 8.d will apply.

(b) When the overall travel charge computed at the above mileage rate is unreasonable (considering the time required for travel, actual and necessary transportation costs, and the allowable ordering activity per diem rate for each night the repairman is required to remain overnight at the ordering activity location), the ordering activity shall have the option of reimbursing the Contractor for actual costs, provided that the actual costs are reasonable and allowable. The Contractor shall furnish the ordering activity with a report of travel performed and related expenses incurred. The report shall include departure and arrival dates, times, and the applicable mode of travel.

d. **LABOR RATES**

(1) **REGULAR HOURS**

The Regular Hours repair service rates listed herein shall entitle the ordering activity to repair service during the period 8:00 a.m. to 5:00 p.m., Monday through Friday, exclusive of holidays observed at the ordering activity location. There shall be no additional charge for repair service which was requested during Regular Hours, but performed outside the Regular Hours defined above, at the convenience of the Contractor.

(2) **AFTER HOURS**

When the ordering activity requires that repair service be performed outside the Regular Hours defined above, except Sundays and Holidays observed at the ordering activity location, the After Hours repair service rates listed herein shall apply. The Regular Hours rates defined above shall apply when repair service is requested during Regular Hours, but performed After Hours at the convenience of the Contractor.

(3) SUNDAYS AND HOLIDAYS

When the ordering activity requires that repair service be performed on Sundays and Holidays observed at the ordering activity location, the Sundays and Holidays repair service rates listed herein shall apply. When repair service is requested to be performed during Regular Hours and/or After Hours, but is performed at the convenience of the Contractor on Sundays or Holidays observed at the ordering activity location, the Regular Hours and/or After Hours repair service rates, as applicable, shall apply.

REPAIR SERVICE RATES

AND LOCATION	MINIMUM CHARGE*	REGULAR HOURS PER HOUR**	AFTER HOURS PER HOUR**	SUNDAYS HOLIDAYS PER HOUR
CONTRACTOR'S SHOP	_____	_____	_____	_____
ORDERING ACTIVITY LOCATION (WITHIN ESTABLISHED SERVICE AREAS)	_____	_____	_____	_____
ORDERING ACTIVITY LOCATION (OUTSIDE ESTABLISHED SERVICE AREAS)	_____	_____	_____	_____

*MINIMUM CHARGES INCLUDE ___ FULL HOURS ON THE JOB.

**FRACTIONAL HOURS, AT THE END OF THE JOB, WILL BE PRORATED TO THE NEAREST QUARTER HOUR.

10. REPAIR PARTS/SPARE PARTS RATE PROVISIONS

All parts, furnished as spares or as repair parts in connection with the repair of equipment, unless otherwise indicated in this pricelist, shall be new, standard parts manufactured by the equipment manufacturer. All parts shall be furnished at prices indicated in the Contractor's commercial pricelist dated _____, at a discount of _____% from such listed prices.

11. GUARANTEE/WARRANTY—REPAIR SERVICE AND REPAIR PARTS/SPARE PARTS

a. REPAIR SERVICE

All repair work will be guaranteed/warranted for a period of _____ TBD _____

b. REPAIR PARTS/SPARE PARTS

All parts, furnished either as spares or repairs parts will be guaranteed/warranted for a period _____ TBD _____

12. INVOICES AND PAYMENTS

a. Maintenance Service

(1) Invoices for maintenance service shall be submitted by the Contractor on a quarterly or monthly basis, after the completion of such period. Maintenance charges must be paid in arrears (31 U.S.C. 3324). PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE.

(2) Payment for maintenance service of less than one month's duration shall be prorated at 1/30th of the monthly rate for each calendar day.

b. Repair Service and Repair Parts/Spare Parts

Invoices for repair service and parts shall be submitted by the Contractor as soon as possible after completion of work. Payment under blanket purchase agreements will be made quarterly or monthly, except where cash payment procedures are used. Invoices shall be submitted separately to each ordering activity office ordering services under the contract. The cost of repair parts shall be shown as a separate item on the invoice, and shall be priced in accordance with paragraph #10, above. PROMPT PAYMENT DISCOUNT, IF APPLICABLE, SHALL BE SHOWN ON THE INVOICE

TERMS AND CONDITIONS APPLICABLE TO ELECTRONIC COMMERCE AND SUBSCRIPTION SERVICES (SPECIAL IDENTIFICATION 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/IAM 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/IAM 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/IAM Professional Services.

9. INDEPENDENT CONTRACTOR

All IT/IAM 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/IAM 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/IAM PROFESSIONAL SERVICES AND PRICING

a. The Contractor shall provide a description of each type of IT/IAM Service offered under Special Item Numbers 132-51 IT/IAM Professional 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/IAM Professional Services shall be in accordance with the Contractor's customary commercial practices; e.g., hourly rates, monthly rates, term rates, and/or fixed prices, minimum general experience and minimum education.

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

132-51 Labor Category Descriptions

Labor Category	Minimum Experience	Minimum Education	Functional Responsibility
Program Manager	15 years developing projects including business plans, strategies and management of costs and resources. This experience may also include determining requirements, developing operational plans, managing multitask, complex contracts, report development, generating proposals for improvements, consultation regarding other work products, and overseeing implementation efforts. Demonstrated expertise in negotiating, planning, evaluating, executing and managing complex projects.	Bachelor's degree or four (4) years of relevant experience.	Applies specialized expertise to assist clients identify management, organizational and business issues and develop strategic initiatives. Acts as single source of contact to the Contracting Officer (CO), the Contracting Officer's Representative (COR), Government Management personnel, customer representatives and other contracting organizations. Develops proposals and recommendations, detailed project/work plans, assigns resources, evaluates and reports progress. Ensures implementation as agreed. Provides leadership and direction to other project/work participants. Demonstrated Ability to work independently and develop/execute complex tasks. May serve as an outside, independent reviewer for recommendations and proposals.
Project Manager – Senior	10 Years of progressive experience which includes: managing, directing, and implementing information technology projects, demonstrated ability to provide technical direction for projects, proven expertise in management and control of funds and resources, and demonstrated capability in managing contracts. Must possess extensive knowledge of engineering and management concepts, procedures and practices. General experience includes increasing responsibilities in information systems design and management; management of a diverse group of functional activities, subordinate groups of technical and administrative personnel; and management and control of funds and resources, and demonstrated capability in managing complex, multi-task commercial and government contracts.	Bachelor's degree or four (4) years of relevant experience.	Serves as a technical manager, and the contractor's authorized technical interface with the COR, Government Personnel, and customer agency representatives. Responsive for providing technical and managerial leadership of major program in specialized area of technology and for overall task performance.
Site Manager	10 years of progressive and intensive experience managing,	Bachelor's degree from an	Responsible for activities for a Government site, facility or multiple locations. Identifies

	<p>with at least two years of relevant experience in a position with duties commensurate to those defined in the task order requirement. Or five years specialized experience in a position with duties commensurate to those defined in the task order requirement.</p>	<p>accredited college or university.</p>	<p>changes in computer and systems technology and interprets their meaning to senior management, bringing current and future knowledge of technology and systems as applied to the client's requirements. Provides technical assistance to facilitate planning and directing the design, installation, modification and operation of an information systems capability. Prepares long and short range plans for application selection, systems development, systems maintenance, production activities and for necessary support resources. Also responsible for applications systems analysis and programming activities for a group or section. Responsible for feasibility studies, time and cost estimates, and the establishment and implementation of new and revised applications systems and programs. Assists in projecting software and hardware requirements. Assigns personnel to various projects and directs their activities; reviews and evaluates their work and prepares performance reports. Confers with and advises subordinates on administrative policies and procedures, technical problems, priorities and methods. Consults with personnel in other information systems sections to coordinate activities. Prepares activity and progress reports regarding the activities of the applications systems and programming section. Confers and consults with Government personnel regarding performance and scheduling issues on tasks.</p>
<p>Technical Documentation Specialist</p>	<p>This position requires a minimum of four (4) years of progressively responsible experience, of which at least two (2) years must be specialized experience developing, editing, and producing technical and graphic documentation for information or engineer technology systems. Must have a thorough understanding of computer processing, including commonly used information technology and engineer terminology and must possess good organizational skills, additional experience must be gained from a combination of</p>	<p>Associates degree Industry Specialization in English, journalism, literature or other related discipline.</p>	<p>Prepares technical documentation, which includes researching for applicable government and industry documentation pertaining to all aspects of information and general engineering. Demonstrated ability to work independently or under only general direction developing, editing, and producing technical and graphic documentation for information technology systems. Must have a basic understanding of computer processing, including commonly used information technology terminology. Assists in collecting and organizing information required for preparation of user's manuals, special reports, training materials, installation guides, proposals, and reports. Revises text and recommends changes in scope, format, and content to ensure conformance with</p>

	education, training, or certification (arts diploma) that provides the requisite knowledge, skills, and abilities.		established standards. May edit, standardize, or make changes to material prepared by other writers. Duties include writing, editing, and graphics presentation of engineering and management information for both technical and non-technical personnel. Organizes material and completes writing assignments with regard to order, clarity, conciseness, style, and terminology. Interprets technical documentation standards and prepares documentation accordingly. Must possess strong organizational, communication, and presentation skills. Performs final quality assurance on all materials
Administrative Assistant	Two years of general experience in office automation developing, writing, proofreading, editing reports, proposal and documents in support of IT operations.	High school graduate or equivalent and or vocational training. Industry General administrative typing, word processing, graphics, technical publication equipment.	Responsible for developing, drafting, writing and editing reports, briefs, proposals, and other documents in support of a client's requirements. Interfaces with personnel to coordinate meetings, maintain logs, records and files, provides end-user support, and performs general administrative duties. Assists in budgetary, billing, and financial management. Must be capable of working independently. Must be able to communicate orally and in writing with all levels of an organization as required. Minimum Experience: Two years of general experience in office automation developing, writing, proofreading, editing reports, proposal and documents in support of IT operations.
Graphic Support Analyst	Two (2) years progressively responsible experience in graphics and 3-D animation activities related to presentations, pamphlets, videos, brochures, marketing, promotional materials, or related products which require the inclusion of charts, graphs, viewgraphs, 35mm slides, illustrations, artwork, solid images, line figures, photographs, sketches and pictures as part of the finished product. Must be knowledgeable, capable, and experienced in the use of commercial word processing software, graphics and animation software, and desktop publishing systems. Additional experience must be gained from a combination of	Associates degree in graphics/fine arts is desired. Industry Graphics/fine arts, television arts, communications, and associated disciplines.	Performs artistic and technical work in design, illustration, and preparation of drawn, printed and photographed material for publication, professional renderings and animations for promotions and marketing, duplication, television broadcasting and other audio and visual presentations. Ensures compliance to Government and commercial graphics standards and with delivery schedules. Works with systems and design engineers, project and program managers. Develops and updates graphic presentations to improve the quality and enhance the usability of reports, plans, and presentation documents. Responsible for integrating graphics generated with automated tools within customer documents. Follows quality assurance processes and procedures.

	education, training, or certification (technical diploma) that provides the requisite knowledge, skills, and abilities		
Principal Consultant	15 Years of experience in providing expert advice, assisting guiding, counseling or managing others in support of technical management and initiatives and organizational and business improvement efforts. This experience may also include studies, analysis and reports documenting historical and current states, proposals for improvement, consultation regarding other work products, or overseeing implementation efforts. Demonstrated expertise in planning, evaluating, executing and coordinating large, complex projects.	Advanced Degree and fifteen (15) years of relevant experience	Applies a set of disciplines and expertise to assist clients identify management, organization and business issues and develop strategic initiatives. Proposals and recommendations are the result of study and analysis of current and desired states. Develops project/work plans, assigns and monitors other resources to ensure timely completion of work in a high quality manner. Periodically reports on project/work status. Ensures implementation as agreed. Provides leadership and direction to other project/work participants and services as a liaison with client personnel. May service as an outside, independent reviewer of recommendations and proposals. May act in the capacity of an advisor to the Chief Information Officer.
Consultant	7 Years experience providing specialized advices, assistance, guidance, counseling, or work coordination in support of client management, organizational and business improvement projects. This experience may also include integration and implementation of projects across multiple entities. Demonstrated experience in planning, evaluating, performing and coordinating project work in subject matter expertise. Ability to analyze problems and issues, develop recommendations and provide direction to support staff.	Bachelors degree or four (4) years of relevant experience	Applies specialized expertise to resolve client's management, organization and business issues. Develops proposals and recommendations, detailed project/work, plans, evaluates and reports progress. Ensures integration and implementation as agreed. Demonstrated ability to work independently and develop/execute complex tasks.
Subject Matter Expert	The Subject Matter Expert – Senior is required to provide proven experience and expertise with depth and breadth of knowledge on a specific problem, task, or subject. Five years of task related experience in the identified field of study or specialization	PhD from an accredited college or university or a MS with qualifying experience in the specific subject matter discipline as identified in the statement of work.	The Subject Matter Expert – Senior is employed for a specific period or for a defined deliverable product which requires specialized technical or functional experience or skills. He/she applies subject matter expertise to resolve complex technical or functional problems. Provides extremely high level subject matter expertise for work described in the task. Provides advanced technical knowledge and analysis of highly specialized applications and operational environment,

			high-level functional systems analysis, design, integration, documentation, training, and implementation advice on complex problems which require doctorate level knowledge of the subject matter for effective implementation. Participates as needed in all phases of development with emphasis on the planning, analysis, testing, integration, documentation, training and presentation phases. Applies principles, methods, and knowledge of specific functional areas of expertise to specific task order requirements. Provides advice on esoteric problems which require extensive knowledge of the subject matter. Designs and prepares technical reports, studies, and related documentation, makes charts and graphs to record results, prepares and delivers presentations, training, and briefings as required by the task order.
Subject Matter Specialist	Three years of intensive and progressive experience in the individual's field of study and specialization	Bachelor's degree from an accredited college, university or comparable relevant experience.	Provides technical knowledge and analysis of highly specialized applications and operational environment, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems which require graduate level knowledge of the subject matter for effective implementation. Participates as needed in all phases of software development with emphasis on the planning, analysis, testing, integration, documentation and presentation phases. Applies principles, methods and knowledge of the functional area of expertise to specific task order requirements, advanced mathematical principles and methods to exceptionally difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions. Designs and prepares technical reports, studies, and related documentation, makes charts and graphs to record results. Prepares and delivers presentations and briefings as required by the task order. Technical support includes technical advice on security requirements for highly specialized IT applications, technical report preparation or other services as required by the task order.
Network Administrator	Seven years of increasingly complex and progressive experience in implementing, administering, performing tests and analyzing all elements of network systems. Has	Bachelor's degree from an accredited college or university.	Provides system administration of Network, Web, and/or communication systems, including Local Area Network (LAN) and Wide Area Network (WAN) systems, involving network security. This includes administration of user accounts,

	experience with current technologies and, where required for the task, emerging technologies.		passwords, email, chat, and FTP. Requires comprehensive knowledge of the organization's hardware, software and network components. Maintains servers, creates monitoring reports and logs, and ensures functionality of links. Monitors web site for acceptable performance and user accessibility. Establishes back-ups and monitors site security. Consults with and advises network users. Coordinates network administration and performance requirements with others in the information systems function. Identifies, analyzes and documents long-range requirements and schedules resources related to the enterprise network. Responsible for configuration management and documentation of network and system topologies and/or web site. Prepares technical implementation plans that provide integrated solutions including actions, milestones, timelines and critical paths required for complete solutions. Researches applicable standards and requirements documents to assure compliance. Selects or recommends multi-user software that meets common user requirements, integrates (where possible) with existing software. Plans for and provides reasonable responsiveness in terms of system performance. Prepares activity and progress reports regarding the network performance. Administers large e-mail systems.
Network Technician	Three years of increasingly complex and progressive experience in computer system/network engineering. Includes one years of specialized experience related to the task.	High school graduate or equivalent.	Monitors and responds to complex hardware, software and network problems utilizing a variety of hardware and software testing tools and techniques. Provides primary interface with vendor support service groups or provides internal analysis and support to ensure appropriate notification during outages or period of degraded system performance. Provides LAN server support. Requires extensive knowledge of PC/LAN communications hardware and software in multi-protocol environment, and network management and security software. May function as task lead providing guidance and training for less experienced technicians
Desktop Technician	Two years of increasingly complex and progressive experience in computer system/network and desktop support.	High school graduate or equivalent.	Responds to hardware, software, and network problems utilizing hardware and software testing tools and techniques. Interfaces with vendor support service groups to ensure appropriate notification during outages or period of degraded

			<p>system performance. Assists with installation of terminals and associated hardware. In support of microcomputer applications, analyzes requirements; creates, designs and develops requirements in required media; provides program support; tests, debugs and writes documentation as required. May have responsibilities for providing customer assistance support in setting up microcomputers and/or installing software packages. Provides user training for hardware/software products; identifies problems and resolves hardware/software/network malfunctions; performs minor hardware/software/network maintenance such as board replacement, cable switching, communication assistance, hardware (CRTs, printers) installation/replacement; interfaces with mainframe, CAD/CAM, digitizers, LANs, Networks, provides analysis support for such requirements.</p>
Helpdesk / Call Center Manager	<p>The Help Desk Manager must have a minimum of seven (7) years general experience of which at least five (5) must be specialized. Specialized experience includes the management of help desks in a multi-server environment, a comprehensive knowledge of PC operating systems, and knowledge of networking and electronic mail.</p>	<p>Bachelor's degree in computer science, information systems, engineering, business, or other related discipline.</p>	<p>The Help Desk Manager provides telephone and in-person support to users in the areas of electronic mail, directories, and standard Windows desktop applications and manages help desks in a multi-server environment.</p>
Helpdesk / Call Center Supervisor	<p>A minimum of five (5) years experience of which at least two (2) must be specialized. Specialized experience includes help desk experience, knowledge of personal computer operating systems, and environments, or equivalent experience in a specific customer's environment (e.g., UNIX, mainframe systems, as applicable). Knowledge of applications that support major business systems running on clients, servers, and workstations is also required.</p>	<p>Associate's degree in Computer Science, or equivalent.</p>	<p>Provides telephone and in-person support to users in the areas of electronic mail, directories, and client/server, and workstation-based COTS and business systems. He/she acts as senior-level troubleshooter to resolve problems that cannot be resolved by the first help desk tier. The Supervisor directs and advises junior help desk specialists in problem resolution; evaluates, tests, installs, and modifies stand-alone, networked, and workstations systems and applications; and evaluates and tests vendorsupplied applications to determine their compatibility with existing systems and other software, ease of use, maintenance, and suitability for the client organization's overall needs, mission, and requirements. He/she consults with users to define optimal hardware and software configurations; interacts with other</p>

			functional areas such as network services, systems engineering, and applications development to identify and solve user problems and to restore service; prepares reports on type and frequency of user problems and analyzes them to recommend changes to reduce user problems; prepares reports on problem resolution response time, and recommends changes to the help desk process to improve response times.
Helpdesk / Call Center Operator	A minimum of three (3) years general experience of which at least one (1) must be specialized. Specialized experience includes direct help desk experience, knowledge of PC operation systems, and knowledge of networking and electronic mail.	Associate's degree or equivalent experience	The Help Desk Specialist provides telephone and in-person support to users in the areas of electronic mail, system login, and standard Windows desktop applications.
Systems Engineer Senior	Ten (10) years experience in information network design and architecture, systems development, functional and data requirements analysis, systems analysis and design, programming, program design and documentation preparation. Of the ten years experience, a minimum of seven years of experience must involve the design and implementation of large scale, legacy, networked client/server or distributed systems. Demonstrated experience communicating directions and providing guidance to lower level professionals.	Bachelors degree or four (4) years of relevant experience	Develops and applies organization-wide information models for use in designing and building integrated, shared software and database management systems. Develops or makes enhancements to existing systems to improve business methods consistent with organization-wide initiatives. Includes architectural planning, participates in new technology analysis, tradeoff studies, test planning and design analysis. Provides daily supervision and directions to staff
Systems Engineer	Five (5) years experience in information systems development, network design and architecture, functional and data requirements analysis, systems analysis and design, programming, program design and documentation preparation. Of the five years experience, a minimum of three years of experience must involve the design and implementation of large scale, legacy, networked client/server or distributed systems.	Bachelors degree or four (4) years of relevant experience	Develops and applies organization-wide information models for use in designing and building integrated, shared software and database management systems. Develops or makes enhancements to existing systems to improve business methods consistent with organization-wide initiatives. Includes architectural planning, participates in new technology analysis, tradeoff studies, test planning and design analysis.
Systems Technician	Five years of intensive and progressive experience in functional or IT	High School Diploma	Provides high level functional and IT analysis, design, development, integration, documentation, and implementation

	analysis/programming of subject matter closely related to the work to be automated.		assistance on problems which require a thorough knowledge of the related technical subject matter for effective system deployment. Participates in all phases of systems development. Applies principles and methods of the functional area to difficult problems in technical areas to arrive at automated solutions. Designs and prepares technical reports and related documentation, and makes charts and graphs to record results. Prepares and delivers presentations and briefings as required by the task order.
Telecommunications Circuit Designer	Three Years experience working with analog, digital, voice, frame relay and T -1 circuits, switching, and transmission equipment, and associated software. Ability to analyze requirements, design and test circuits based upon needs.	High School Diploma	Analyze needs, design and test the complete telecommunications circuit path and connections including loop acceptance, breaking connections for disconnects and cross connects. Knowledge of one or more of the following circuit levels DSO, DS1, DS3, STS1, OC3 and OC12. Familiarity with circuit design, test and connection software. Ability to track and report circuit orders and deliver completed circuit design according to schedule. Ability to communicate and interact with Provisioners, Test Engineers, and Installers.
Telecommunications Provisioner	One year experience creating customer access services requests (ASR), tracking orders, reviewing and maintaining relationships in a telecommunications environment. Knowledge of Local Exchange Carriers (LEC) and Competitive Local Exchange Carriers (CLEC) and terms including 5ESS, DSO, DS3, DSX, OC systems and cross connects. Knowledge of provisioning software applications.	High School Diploma	Creates and processes access service requests (ASR). Coordinates and monitors order progress with Local Exchange Carriers (LEC), Competitive Local Exchange Carriers (CLEC) and other service providers. Designs and provisions simple and complex orders for the delivery of dialtone services. Processes orders using MetaSolv TBS. Coordinates installation activates with operations, LEC's, CLEC's and vendors. Demonstrated ability to meet deadlines and handle multiple projects.
Principal Computer Systems Analyst	Ten (10) years experience which includes analysis and design of complex information systems, knowledge of data base management systems, knowledge of programming, knowledge of current storage and retrieval methods, and demonstrated ability to formulate specifications for computer programmers to use in coding, testing, and debugging of computer programs. General experience	Bachelors degree or four (4) years of relevant experience, Additional experience must be gained from a combination of education, training, or certification (technical diploma) that provides the	Leads tasks related to the development of complex computer systems. Responsible for the development and management of program plans. Supervises systems analysis, systems design, programming, and testing. Provides technical and administrative direction for personnel performing software development tasks, and reviews work products for correctness, adherence to the design concept and to user standards, and progress in accordance with schedules. Prepares status reports and presentations on task performance to customers. Provides daily supervision and

	<p>includes increasing responsibilities in assignments of a technical nature. Must be capable of conversing with technical and managerial personnel to determine applicable programs, agency plans, and other factors affecting systems design requirements. Prepares specifications, work statements and proposals. Possesses ability SA Schedule 70 GS-35F-0581R Vision Technologies, Inc. 530 J McCormick Drive Glen Bernie, MD 21061 www.visiontech.biz Page 42 to work independently or under only general direction on complex application problems involving all phases of systems analysis is required.</p>	<p>requisite knowledge, skills, and abilities</p>	<p>direction to support staff. Prepares and delivers presentations on data base management systems concepts. Provides daily supervision and direction to support staff.</p>
<p>Computer Systems Analyst Senior</p>	<p>Eight (8) years experience which includes analysis and design of complex information systems, knowledge of data base management systems, knowledge of programming, knowledge of current storage and retrieval methods, and demonstrated ability to formulate specifications for computer programmers to use in coding, testing, and debugging of computer programs. General experience includes increasing responsibilities in assignments of a technical nature. Must be capable of conversing with technical and managerial personnel to determine applicable programs, agency plans, and other factors affecting systems design requirements. Possesses ability to work independently or under only general direction on complex application problems involving all phases of systems analysis is required.</p>	<p>Bachelors degree or four (4) years of relevant experience</p>	<p>Leads tasks related to the development of complex computer systems. Responsible for the development and management of program plans. Supervises systems analysis, systems design, programming, and testing. Provides technical and administrative direction for personnel performing software development tasks, and reviews work products for correctness, adherence to the design concept and to user standards, and progress in accordance with schedules. Prepares status reports and presentations on task performance to customers. Provides daily supervision and direction to support staff. Prepares and delivers presentations on data base management systems concepts. Provides daily supervision and direction to support staff.</p>
<p>Computer Systems Analyst</p>	<p>Six (6) years experience which includes analysis and design of complex information systems, knowledge of data base</p>	<p>Bachelors degree or four (4) years of relevant experience</p>	<p>Leads tasks related to the development of complex computer systems. Responsible for the development and management of program plans. Supervises systems</p>

	<p>management systems, knowledge of programming, knowledge of current storage and retrieval methods, and demonstrated ability to formulate specifications for computer programmers to use in coding, testing, and debugging of computer programs. General experience includes increasing responsibilities in assignments of a technical nature. Must be capable of conversing with technical and managerial personnel to determine applicable programs, agency plans, and other factors affecting systems design requirements. Possesses ability to work independently or under only general direction on complex application problems involving all phases of systems analysis is required.</p>		<p>analysis, systems design, programming, and testing. Provides technical and administrative direction for personnel performing software development tasks, and reviews work products for correctness, adherence to the design concept and to user standards, and progress in accordance with schedules. Prepares status reports and presentations on task performance to customers. Provides daily supervision and direction to support staff. Prepares and delivers presentations on data base management systems concepts. Provides daily supervision and direction to support staff.</p>
<p>Computer Systems Analyst Junior</p>	<p>Two (2) years experience which includes analysis and design of complex information systems, knowledge of data base management systems, knowledge of programming, knowledge of current storage and retrieval methods, and demonstrated ability to formulate specifications for computer programmers to use in coding, testing, and debugging of computer programs. General experience includes increasing responsibilities in assignments of a technical nature. Possesses ability to work independently or under only general direction on complex application problems involving all phases of systems analysis is required.</p>	<p>Bachelors degree or four (4) years of relevant experience</p>	<p>Leads tasks related to the development of complex computer systems. Responsible for the development and management of program plans. Supervises systems analysis, systems design, programming, and testing. Provides technical and administrative direction for personnel performing software development tasks, and reviews work products for correctness, adherence to the design concept and to user standards, and progress in accordance with schedules. Prepares status reports and presentations on task performance to customers. Provides daily supervision and direction to support staff. Prepares and delivers presentations on data base SA Schedule 70 GS-35F-0581R Vision Technologies, Inc. 530 J McCormick Drive Glen Bernie, MD 21061 www.visiontech.biz Page 44 management systems concepts. Provides daily supervision and direction to support staff.</p>
<p>Programmer Analyst</p>	<p>Two (2) to four (4) years of experience depending on formal education. Designs, codes and documents portions of applications programs for large scale electronic computers and associated equipment appropriate to scientific systems, or</p>	<p>Associates degree and two (2) years of experience or four (4) years of relevant experience in an associated discipline.</p>	<p>Must be able to perform technical work of professional level using standard programming methods and techniques. Develops detailed flowcharts and associated documentation for assigned areas from general program statements. Capable of using detailed, coding level flowcharts and associated prose, codes assigned segments of a program using</p>

	<p>commercial projects. Individual holding this position works under close supervision and direction. May provide work direction to one or more lower level employees on a project. Detailed problem specifications are presented to him/her; however, incumbent is expected to show judgment and initiative in performing assigned tasks. Individual normally receives assignments requiring a limited amount of experience and must keep supervisor and other personnel related to his/her work advised of progress on assignments. Particular emphasis on technical training and professional development. Continual communication with other operating areas concerned with assignments is required.</p>		<p>machine and/or other programming languages. Ability to develop test data and routines. Tests all code personally produced, and assists in the testing of the total program. Documents procedures used in standardized terminology. Capable of maintaining files and records of some or all operational data received. Ability to provide theoretical analysis where project requires it to assist in coming to a practical solution of problems and eliminating unnecessary "trial and error" solutions.</p>
<p>Computer Programmer Senior</p>	<p>Eight (8) years experience. Experience includes: demonstrated experience with third and fourth generation programming languages, experience with object-oriented programming, ability to develop complex software to satisfy design objectives, and experience developing software for data base management systems. General experience includes knowledge of Internet working, client/server environments, and demonstrated experience supervising software development projects.</p>	<p>Bachelors degree</p>	<p>Supervises software development projects. Develops logic flow charts and pseudo-code. Translates software specifications into software applications. Tests, debugs, and refines software to produce the required product. Prepares required documentation, including both program-level and userlevel documentation. Enhances software to reduce operating time or improve efficiency. Provides daily supervision to staff members. Oversees computer programmers and reviews their work to create or maintain operating systems, communications software, data base management systems, compilers, assemblers, and utility programs. Modifies existing software as well as creates special-purpose software to ensure efficiency and integrity between systems and applications. Provides supervision to staff members.</p>
<p>Computer Programmer</p>	<p>Six (6) years experience which includes experience as an applications programmer on data base management systems, knowledge of computer equipment and ability to perform computer programming in order to develop complex software to satisfy design objectives. Demonstrated ability to work</p>	<p>Bachelors degree</p>	<p>Analyzes functional business applications and design specifications for functional activities. Develops block diagrams and logic flowcharts. Translates detailed design into computer software. Tests, debugs and refines computer software to produce the required product. Prepares required documentation, including both program and user-level documentation. Enhances software to reduce operating time or improve efficiency. Provides technical</p>

	independently or under only general direction.		direction to programmers to ensure program deadlines are met.
Computer Programmer Junior	Assists in the design, coding, and documentation portions of applications programs for electronic computers and associated equipment for scientific systems or commercial projects. Individual holding this position works under very close supervision. Contributes to complex problem solving and may direct the work of one or more lower level nonprofessional personnel on routine projects.	15 quarter hours in an associated discipline or one year experience.	Works with programmers, engineers, scientists, or documentation specialists, using technical tools and techniques appropriate to the discipline. May be responsible for analysis, statistical interpretation, and write-up of research data. May be involved in analysis, formatting, writing, and editing of technical documentation. Codes programs and program segments, using detailed coding level flow charts and associated prose. May analyze flow charts for adherence to systems specifications or other guidelines. May work with technical/administrative details including operational records, reports and files.
Configuration Management Specialist	Minimum of three years' overall experience. Should have some team leading or other management experience. Should have experience in configuration management, programming, and systems administration. Experience writing Software CM procedures and standards. Database and QA experience helpful. Should have good interpersonal skills, teamwork and communication skills	Bachelors degree and six (6) years experience	Designs, develops and establishes configuration and data management documents based on program requirements. Responsible for establishing configuration identification, functional, allocated and product baselines, configuration control, status accounting, and physical configuration audits, configuration management procedures and techniques, utilization, processing and technical documentation. Analyzes proposed product design changes to determine the effect on overall system. Conducts formal and informal reviews at pre-determined points throughout the development life cycle to ensure quality control. Implements directives and schedules necessary to ensure effective system management.
Database Engineer Senior	Seven years of increasingly complex and progressive experience in performing systems analysis, development, and implementation of business, mathematical, or scientific settings using a variety of information technology resources. Has experience with current technologies and, where required for the task, emerging technologies.	Bachelor's degree from an accredited college or university with a curriculum or major field of study.	Performs one or more of the following tasks in support of computer database administration: architects, designs, oversee the development of, or administers computerized databases, installs the applicable databases onto the appropriate computer operating systems, creates databases, configure databases (for a data warehousing application), use import utilities to install databases. Includes creation of Indexes, Clusters, Snapshots, Views, and other database objects, as well as, management of Rollback Segments, Data File Size, and all the other aspects related to the performance tuning of databases. Write code for update queries, update data dictionaries as new fields are added to the database, and maintain a data correction log. Create and maintain data correction logs that identify the date the

			<p>correction that was performed, tables and fields effected, submission effected, error code effected, and other pertinent metadata. Expand and update the data dictionary for the database and any related applications. May, assign personnel to various projects and directs their activities; reviews and evaluates their work and prepares performance reports. Confers with and advises subordinates on administrative policies and procedures, technical problems, priorities and methods. Consults with and advises users of the various databases. Projects long-range requirements for database administration and design in conjunction with other managers in the information systems function. Prepares activity and progress reports regarding the database management section.</p>
Database Engineer	<p>Five years of increasingly complex and progressive experience in performing systems analysis, development, and implementation of business, mathematical, or scientific settings using a variety of information technology resources. Has experience with current technologies and, where required for the task, emerging technologies.</p>	<p>Bachelor's degree from an accredited college or university with a curriculum or major field of study.</p>	<p>Designs, implements and maintains complex databases. Includes maintenance of database dictionaries, overall monitoring of standards and procedures, and integration of systems through database design. Works at the highest level of all phases of database management</p>
Database Engineer Junior	<p>Two years of increasingly complex and progressive experience in performing systems analysis, development, and implementation of business, mathematical, or scientific settings using a variety of information technology resources. Has experience with current technologies and, where required for the task, emerging technologies.</p>	<p>Bachelor's degree from an accredited college or university.</p>	<p>Designs, implements, and maintains moderately complex databases. Includes maintenance of database dictionaries and integration of systems through database design. Works on most phases of database administration.</p>
Database Analyst	<p>Five years of increasingly complex and progressive experience in performing systems analysis and implementation of database applications, business, mathematical, or scientific support using a variety of data related information technology resources. Has experience with</p>	<p>Bachelor's degree from an accredited college, university, or equivalent experience with a curriculum or major field of study</p>	<p>Formulates and defines system scope and objectives for assigned projects. Prepares detailed specifications for data support. Responsible for functional design, testing, and roll-out. Has full technical knowledge and responsibility of all phases of user interface analysis and implementation. Understands the business or function for which application is designed. Duties also include instructing, directing and checking</p>

	current technologies and, where required for the task, emerging technologies.		the work of other systems analysts and development personnel. Responsible for quality assurance review
Internet Engineer Senior	Minimum 6-10 years general experience of which at least four (4) years must be specialized internet experience.	Bachelor's Degree or equivalent	Provides support in architectural design of large-scale, Internet-based enterprise systems. Prepares and reviews implementation plans leveraging Internet-based technologies such as .NET, J2EE, Web Services and PKI/SSL. Possesses working knowledge of Web hosting infrastructure and key Web hosting components such as Web Servers, middleware servers, load balancers, firewalls (DMZ), and Internet protocols (HTTP, TCP, FTP, DNS). Identifies and designs software tools and subsystems to support software development, test and reuse, and manages their implementation. Prepares and conducts codes reviews and system acceptance criteria development. Applies accepted design techniques and CASE tools. Supervises software configuration management and version control. Provide technical direction and guidance to Internet engineers involved modifications, development or migration of Internet-based systems. Task lead or supervisor of intermediate, junior and/or entry level internet engineers.
Internet Engineer	IT related discipline with minimum 3-6 years general experience of which at least two (2) years must be specialized internet experience.	Bachelor's Degree or equivalent	Provides support in architectural design of moderately complex Internetbased enterprise systems. Familiar with Web hosting infrastructure and key Web hosting components such as Web Servers, middleware servers, load balancers, firewalls, and Internet protocols (HTTP, TCP, FTP, DNS). Independently implements Web components, such as user interfaces, data access objects and business logics by analyzing functional specifications and interpreting system design specifications. Prepares and reviews user manuals, maintenance guides, training materials, and installation guides. Conducts system/subsystem tests, and prepares test results documents. Troubleshoots and analyzes systems anomalies, and recommends corrective actions. Ensures that implementation is in compliance with requirements and design specifications. Require minimal supervision.
Internet Engineer Junior	IT related discipline with three (3) years or less in general Internet experience.	Bachelor's Degree or equivalent	Familiar with Web hosting infrastructure and key Web hosting components such as Web Servers, middleware servers, load balancers, firewalls, and Internet protocols (HTTP, TCP, FTP, DNS). Assists in

			<p>implementation of Web components, such as user interfaces, data access objects and business logics. Contributes to preparation and reviews of user manuals, maintenance guides, training materials, and installation guides. Assists in system/subsystem tests, and validates user interfaces functionality. Require direct supervision</p>
Information Assurance Specialist Senior	This position requires a minimum of seven years' experience.	<p>Bachelor's degree from an accredited college or university in electrical, electronic or computer engineering; computer science; or a related field.</p>	<p>Provides customer support in solving all phases of complex information assurance-related technical problems. Reviews and recommends information assurance solutions to customer problems based on an understanding of products/systems test results. Conducts systems security analysis and implementation, system engineering, electrical design, design assurance, testing, software engineering, program design, configuration management, integration and testing of information assurance products and techniques. Solutions are based on a firm understanding of government/industry policy, practices, procedures, customer requirements, and emerging security technologies and future trends in support of information system and network security. Insures that information assurance solutions are fully compatible with or engineered into the customer's network design. Provides work direction and guidance to other personnel; ensures accuracy of the work of other personnel, operates under deadlines and able to work on multiple tasks</p>
Information Assurance Specialist	This position requires a minimum of five years task related experience.	<p>Bachelor's degree from an accredited college or university in electrical, electronic or computer engineering, computer science, or a related field.</p>	<p>Provides customer support in solving phases of complex Information assurance-related technical problems. Reviews and recommends information assurance solutions to customer problems based on an understanding of products/systems test results. Conducts systems security analysis and implementation, system engineering, electrical design, design assurance, testing, software engineering, program design, configuration management, integration and testing of information assurance products and techniques. Solutions are based on a firm understanding of government/industry policy, practices, procedures, customer requirements, and emerging security technologies and future trends in support of information system and network security. Provides work direction and guidance to other personnel; ensures accuracy of the work of other personnel, operates under deadlines and able to work on multiple</p>

			tasks.
Information Assurance Specialist Junior	This position requires a minimum of two years task related experience.	Bachelor's degree from an accredited college or university in electrical, electronic or computer engineering, computer science, or a related field.	Provides customer support in solving low-level information assurance related technical problems. Conducts systems security analysis and implementation, testing, configuration management, and testing of information assurance products and techniques. Solutions are based on a firm understanding of government/industry policy, practices, procedures, customer requirements, and emerging security technologies and future trends in support of information system and network security.
Training Specialist	Two years intensive or progressive experience in the individual's field of study or specialization. Master's degree may be substituted for experience requirement.	Bachelor's degree from an accredited college or university with a curriculum or major field of study which provides substantial knowledge relevant to the task order.	Develops, implements, and maintains training scenarios, approaches, objectives, plans, tools, aids, curriculums, and other state of the art technologies related to training and behavioral studies. Identifies the best approach training requirements to include, but not limited to hardware, software, simulations, course assessment and refreshment, assessment centers, oral examinations, interviews, computer assisted and adaptive testing, behavior-based assessment and performance, and team and unit assessment and measurement. Utilizes various iterative process improvement and best methodologies in applied psychology, psychometrics, educational measurement, and other related disciplines. Develops and maintains knowledge bases, conduct applied and advanced research methodologies, develop tests, surveys, training materials, data collection measures, statistical and other analysis, and identify, conceptualize and secure new research and development areas.
Logistics Specialist Senior	This position requires a minimum of five years experience, of which at least one year must be specialized. Experience in various logistics support functions and their automated support systems, involving maintenance planning, personnel planning, training, support equipment, test equipment, technical and logistics data, facilities support, supply support and warehousing. Specialized experience includes knowledge of logistics management principles and procedures, logistics documentation and	High school graduate or equivalent and applicable functional area certification or two years undergraduate education.	Prepares logistics support documentation and source data, such as logistics operational management/user documents, integrated logistics support plans, user logistics support summaries, post-production support plans, and logistics implementation plans. Implements logistics plans, databases, and support files to support the fielding of new complex information systems or major modifications. Applies logistics principles and methods to specialized logistics solutions. Performs logistics database management functions. Performs logistics inventories and related logistics functions. Works independently and leads the implementation of logistics discipline.

	automated logistics applications. General experience includes general logistics warehousing functions and documentation.		
Logistics Specialist	This position requires a minimum of three years experience. Experience in various logistics support functions and their automated support systems, involving maintenance, personnel, training, equipment, test equipment, technical and logistics data, facilities support, supply support and warehousing. Specialized experience includes knowledge of logistics principles and procedures, documentation and automated logistics applications. General experience includes general logistics warehousing functions and documentation.	High school graduate or equivalent and applicable functional area certification or two years undergraduate education.	Prepares logistics support documentation and source data, such as operational and user documents, logistics support summaries, and logistics implementation plans. Implements logistics plans, databases, and support files for new and existing information systems. Applies logistics principles and methods to specialized logistics solutions. Performs logistics database management functions. Performs logistics inventories and related logistics functions. Works independently.
Logistics Specialist Junior	This position requires a minimum of one year experience. Experience in logistics support functions and their automated support systems, involving logistics data, facilities support, supply support and warehousing. General experience includes general logistics warehousing functions and documentation.	High school graduate or equivalent and applicable functional area certification or two years undergraduate education.	Prepares logistics support documentation and source data, such as user documents.. Applies logistics principles and methods to specialized logistics solutions. Performs logistics database input functions. Performs logistics inventories and related logistics functions.
Senior-Level Network Architect	15 or more years related experience	Bachelors/Masters degree typical substitution for education requirement: 4 years related experience substitutes for Associates degree; 8 years related experience substitutes for Bachelors degree; 12 years related experience substitutes for a Masters degree	Provides visionary conceptual direction to technologies and network based solutions. Provides assistance to enhance the alignment of the Information Technology strategy with the business strategy. Develops network topology, demonstrates value of design and leads the charge through deployment with Executive presentations and multiple design reviews. Assists with procurement and implementation stages of deployment. Evaluates expectations for and capabilities of the information management organization and makes recommendations to improve service. Responsible for the local and wide area network systems to include planning, designing, evaluating, and selecting operating systems and protocol suites. Develops documentation and may conduct testing of

			network/computer products. Maintains currency in new developments and technology. May act as a technical project lead or provide work leadership for lower level employees.
Network Architect III	10 or more years related experience	Bachelors/Masters degree typical substitution for education requirement: 4 years related experience substitutes for Associates degree; 8 years related experience substitutes for Bachelors degree; 12 years related experience substitutes for a Masters degree	Provides visionary conceptual direction to technologies and network based solutions. Provides assistance to enhance the alignment of the Information Technology strategy with the business strategy. Develops network topology, demonstrates value of design and leads the charge through deployment with Executive presentations and multiple design reviews. Assists with procurement and implementation stages of deployment. Evaluates expectations for and capabilities of the information management organization and makes recommendations to improve service. Responsible for the local and wide area network systems to include planning, designing, evaluating, and selecting operating systems and protocol suites. Develops documentation and may conduct testing of network/computer products. Maintains currency in new developments and technology. May act as a technical project lead or provide work leadership for lower level employees.
Network Architect II	8 or more years related experience	Bachelors degree typical substitution for education requirement: 4 years related experience substitutes for Associates degree; 8 years related experience substitutes for Bachelors degree	Provides visionary conceptual direction to technologies and network based solutions. Provides assistance to enhance the alignment of the Information Technology strategy with the business strategy. Develops network topology, demonstrates value of design and leads the charge through deployment with Executive presentations and multiple design reviews. Assists with procurement and implementation stages of deployment. Evaluates expectations for and capabilities of the information management organization and makes recommendations to improve service. Responsible for the local and wide area network systems to include planning, designing, evaluating, and selecting operating systems and protocol suites. Develops documentation and may conduct testing of network/computer products. Maintains currency in new developments and technology. May act as a technical project lead or provide work leadership for lower level employees.
Network Architect I	5 or more years related	Generally requires	Evaluates network equipment to identify,

	experience	a Bachelors degree typical substitution for education requirement: 4 years related experience substitutes for Associates degree; 8 years related experience substitutes for Bachelors degree	<p>assess and develop detailed requirements for upgrading existing network; as well as re-architecting network segments in order to facilitate new requirements, technologies and growth. Responsible for understanding customer requirements on system performance, IT policies, and application requirements on business logic modules, data flows, and business processes. Translates customer requirements into conceptual and detailed architecture design documents that fully specify the overall system architecture, its constituent components, and technology selections and performance. Interacts with implementation teams, project management, and customers. Responsible for performance tuning of database loading, database transactions, and data exchanges between distributed software modules, and designing inter-working schemes with legacy systems for data exchange and synchronization. Performs Technical Insertions (TIs) for newer technology components and platforms.</p>
Junior Network Architect	4 or more years related experience	Generally requires a Bachelors degree typical substitution for education requirement: 4 years related experience substitutes for Associates degree; 8 years related experience substitutes for Bachelors degree	<p>Evaluates network equipment to identify, assess and develop detailed requirements for upgrading existing network; as well as re-architecting network segments in order to facilitate new requirements, technologies and growth. Responsible for understanding customer requirements on system performance, IT policies, and application requirements on business logic modules, data flows, and business processes. Translates customer requirements into conceptual and detailed architecture design documents that fully specify the overall system architecture, its constituent components, and technology selections and performance. Interacts with implementation teams, project management, and customers. Responsible for performance tuning of database loading, database transactions, and data exchanges between distributed software modules, and designing inter-working schemes with legacy systems for data exchange and synchronization. Performs Technical Insertions (TIs) for newer technology components and platforms.</p>

Lead Installation Technician	3 years of experience working with infrastructure for information technology systems, data networking, and/or telecommunication circuits.	High School Diploma	Establishes and leads working teams of technicians. Assumes full responsibility for running small projects as required. Performs proper installation of copper and fiber cabling infrastructure without supervision. Works with all departments to assure that the level of customer service provided meets or exceeds expectations. Reads and understands floor plans without assistance. Works with other lead technicians and project managers in training entry level technicians on proper infrastructure installation techniques.
Project Leader	5 years of progressive experience managing, with at least 2 years of relevant experience in a position with duties commensurate to those defined in the task order requirement. Or 5 years specialized experience in a position with duties commensurate to those defined in the task order requirement.	High School Diploma	Responsible for managing network infrastructure installation projects. Assumes total project ownership from receipt of complete engineering work package to delivery of project completion and final documentation. Has the ability to deliver small, medium, and large projects at or below specified budgets. Develops and adheres to schedules for project implementation. Supervises technicians and lead technicians and provides on-the-job training when required. Provides regular feedback on the performance of these technicians and lead technicians. Demonstrates ability to teach and mentor assigned staff. Controls and tracks all materials required for the project.
Registered Communications Distribution Designer (RCDD)	5 years of experience with ICT design. Knowledgeable in all aspects of voice/data/fiber design, including site surveys, user needs analysis, work print creation, project specifications, RFP creation and pre-project coordination.	High School Diploma as well as a current designation as a BICSI RCDD	Responsible for design and installation of communications distribution infrastructure such as copper cable, fiber optic cable, wireless, and telephone facilities. Gathers requirements and builds designs for Information and Communications Technology (ICT) applications, including voice and data. Develops work prints, project specifications, and assumptions as required. Manages expectations of internal and external customers and keeps them informed.

GSA Awarded Pricing: SIN 132-51

LABOR CATEGORY	UNIT OF ISSUE	GSA PRICE (INCLUDING IFF)
Administrative Assistant	Hour	\$35.11
Technical Documentation Specialist	Hour	\$45.98
Logistics Specialist Junior	Hour	\$45.98
Lead Installation Technician	Hour	\$46.55

Project Leader	Hour	\$51.73
Logistics Specialist	Hour	\$60.19
Telecommunications Provisioner	Hour	\$62.70
Computer Systems Analyst Junior	Hour	\$62.70
Database Analyst	Hour	\$62.70
Graphic Support Analyst	Hour	\$64.60
Registered Communications Distribution Designer (RCDD)	Hour	\$67.25
Helpdesk / Call Center Operator	Hour	\$66.22
Desktop Technician	Hour	\$71.06
Network Technician	Hour	\$75.24
Computer Systems Analyst	Hour	\$72.68
Logistics Specialist Senior	Hour	\$75.24
Helpdesk / Call Center Supervisor	Hour	\$76.71
Systems Technician	Hour	\$76.71
Computer Programmer Junior	Hour	\$76.71
Database Engineer Junior	Hour	\$80.75
Internet Engineer Junior	Hour	\$80.75
Information Assurance Specialist Junior	Hour	\$80.75
Network Administrator	Hour	\$92.86
Helpdesk / Call Center Manager	Hour	\$92.86
Computer Systems Analyst Senior	Hour	\$92.86
Programmer Analyst	Hour	\$92.86
Computer Programmer	Hour	\$92.86
Training Specialist	Hour	\$92.86
Telecommunications Circuit Designer	Hour	\$100.94
Database Engineer	Hour	\$100.94
Internet Engineer	Hour	\$104.98
Information Assurance Specialist	Hour	\$113.05
Principal Computer Systems Analyst	Hour	\$117.09

Site Manager	Hour	\$121.13
Subject Matter Specialist	Hour	\$121.13
Systems Engineer	Hour	\$121.13
Computer Programmer Senior	Hour	\$121.13
Configuration Management Specialist	Hour	\$121.13
Database Engineer Senior	Hour	\$121.13
Internet Engineer Senior	Hour	\$121.13
Information Assurance Specialist Senior	Hour	\$121.13
Subject Matter Expert	Hour	\$145.35
Systems Engineer Senior	Hour	\$145.35
Project Manager - Senior	Hour	\$146.97
Program Manager	Hour	\$157.46
Consultant	Hour	\$169.58
Principal Consultant	Hour	\$218.03
Senior Level Network Architect	Hour	\$201.96
Network Architect III	Hour	\$169.26
Network Architect II	Hour	\$150.33
Network Architect I	Hour	\$137.70
Junior Network Architect	Hour	\$106.72

GSA Awarded Pricing: SIN 132-12

SERVICE	UNIT OF ISSUE	GSA PRICE (INCLUDING IFF)
Installation Technician	Hour	\$41.39
Technical Services Field Technician	Hour	\$62.08

GSA Awarded Pricing: SIN 132-8

MANUFACTURER NAME	MANUFACTURER PART NO	PRODUCT NAME	UOI	GSA OFFER PRICE (inclusive of the .75% IFF)
IMC Networks	850-13100	IMC Networks, Inc. MediaChassis/1-AC	Each	\$ 60.87
Anixter	043302R51ZE002M	Anixter Blue Keyed-LC to Non-Keyed LC Patchcord-2 meter	Each	\$ 44.44
Anixter	043302R51ZN003M	Anixter Blue Keyed-LC to Non-Keyed LC Patchcord-3 meter	Each	\$ 45.09
Anixter	043302R51ZN005M	Anixter Blue Keyed-LC to Non-Keyed LC Patchcord-5 meter	Each	\$ 46.41
Anixter	043302R51ZE002M	Anixter Orange Keyed-LC to Non-Keyed LC Patchcord-2 meter	Each	\$ 44.44
Anixter	043302R51ZE003M	Anixter Orange Keyed-LC to Non-Keyed LC Patchcord-3 meter	Each	\$ 45.51
Anixter	043302R51ZE005M	Anixter Orange Keyed-LC to Non-Keyed LC Patchcord-5 meter	Each	\$ 46.41
Anixter	043302R51ZR002M	Anixter Red Keyed-LC to Non-Keyed LC Patchcord-2 meter	Each	\$ 44.44
Anixter	043302R51ZR003M	Anixter Red Keyed-LC to Non-Keyed LC Patchcord-3 meter	Each	\$ 45.09
Anixter	043302R51ZR005M	Anixter Red Keyed-LC to Non-Keyed LC Patchcord-5 meter	Each	\$ 46.41
Anixter	0404-A9560-003M	Anixter Blue Non-Keyed-LC to Non-Keyed LC Patchcord-Blue Jacket	Each	\$ 45.78
Anixter	043302R5BN003M	Anixter Blue Keyed-LC to Non-Keyed LC Patchcord-Blue Jacket	Each	\$ 46.32
Anixter	PCX6W03GSA	Anixter White Cat6 Cooper Patch Cable-3 feet	Each	\$ 6.51
Anixter	PCX6W05GSA	Anixter White Cat6 Cooper Patch Cable-5 feet	Each	\$ 7.14
Anixter	PCX6W07GSA	Anixter White Cat6 Cooper Patch Cable-7 feet	Each	\$ 8.42
Anixter	FEWL3LC42-JXM002	Anixter Blue Keyed-LC to Non-Keyed LC Patchcord-2 meter	Each	\$ 58.24
Anixter	FEWL3LC42-HXM003	Anixter Blue Keyed-LC to Non-Keyed LC Patchcord-3 meter	Each	\$ 59.29

Anixter	FEWL3LC42-JXM005	Anixter Blue Keyed-LC to Non-Keyed LC Patchcord-5 meter	Each	\$	61.38
Anixter	FEWL3LC42-HXM003	Anixter Blue Keyed-LC to Non-Keyed LC Patchcord-3 meter (Black Jacket)	Each	\$	59.29
Network outlets voice or data for moves, adds or changes. Outlets consist of cable, faceplate, jacks and slings for support where required. 110 blocks, Patch panels and patch cords are NOT included.					
Vision Technologies	1	Single Category 5e UTP Plenum cable drop	Each	\$	250.05
Vision Technologies	2	Dual Category 5e UTP Plenum cable drop	Each	\$	417.30
Vision Technologies	3	Triple Category 5e UTP Plenum cable drop	Each	\$	584.55
Vision Technologies	4	Quad Category 5e UTP Plenum cable drop	Each	\$	751.81
Vision Technologies	5	Single Category 6 UTP Plenum cable drop	Each	\$	291.86
Vision Technologies	6	Dual Category 6 UTP Plenum cable drop	Each	\$	500.93
Vision Technologies	7	Triple Category 6 UTP Plenum cable drop	Each	\$	710.83
Vision Technologies	8	Quad Category 6 UTP Plenum cable drop	Each	\$	919.06
Vision Technologies	9	Single Category 6A F/UTP Plenum cable drop	Each	\$	584.55
Vision Technologies	10	Dual Category 6A F/UTP Plenum cable drop	Each	\$	1,086.32
Vision Technologies	11	Triple Category 6A F/UTP Plenum cable drop	Each	\$	1,630.73
Vision Technologies	12	Quad Category 6A F/UTP Plenum cable drop	Each	\$	2,089.84
Network Outlet Bundle. Bundles support a variety of singles, duals, triples or quads. Total cables in a bundle solution can be 24 or 48. One (1) 24 or 48 port patch panel will be provided depending on bundle size. Outlets consist of cable, faceplate, jacks and slings for support where required. One (1) 10' station end patch cord per cable is included.					
Vision Technologies	13	24 port bundle Category 5e Plenum cables	Each	\$	5,351.30
Vision Technologies	14	48 port bundle Category 5e Plenum cables	Each	\$	10,034.43
Vision Technologies	15	24 port bundle Category 6 Plenum cables	Each	\$	6,354.83
Vision Technologies	16	48 port bundle Category 6 Plenum cables	Each	\$	12,125.11
Vision Technologies	17	24 port bundle Category 6A F/UTP Plenum cables	Each	\$	13,798.49

Vision Technologies	18	48 port bundle Category 6A F/UTP Plenum cables	Each	\$ 26,759.87
Station Fiber Outlet- Outlets consist of fiber, faceplate, faceplate fiber couplers, fiber connectors (LC, SC or ST) and slings for support where required, innerduct NOT included. TR Fiber enclosures and Patch cords are NOT included (sold separately in Additional Material section)				
Vision Technologies	19	2-strand Plenum 62.5/125 Multimode	Each	\$ 442.39
Vision Technologies	20	2-strand Plenum 50/125 Multimode	Each	\$ 668.18
Vision Technologies	21	2-strand Plenum 8/125 Singlemode	Each	\$ 417.30
Vision Technologies	22	4-strand Plenum 62.5/125 Multimode	Each	\$ 709.99
Vision Technologies	23	4-strand Plenum 50/125 Multimode	Each	\$ 1,169.94
Vision Technologies	24	4-strand Plenum 8/125 Singlemode	Each	\$ 668.18
Vision Technologies	25	6-strand Plenum 62.5/125 Multimode	Each	\$ 961.71
Vision Technologies	26	6-strand Plenum 50/125 Multimode	Each	\$ 1,002.69
Vision Technologies	27	6-strand Plenum 8/125 Singlemode	Each	\$ 1,002.69
Vision Technologies	28	12-strand Plenum 62.5/125 Multimode	Each	\$ 1,671.71
Vision Technologies	29	12-strand Plenum 50/125 Multimode	Each	\$ 2,507.98
Vision Technologies	30	12-strand Plenum 8/125 Singlemode	Each	\$ 1,588.08
Vision Technologies	31	24-strand Plenum 62.5/125 Multimode	Each	\$ 3,428.72
Vision Technologies	32	24-strand Plenum 50/125 Multimode	Each	\$ 4,598.66
Vision Technologies	33	24-strand Plenum 8/125 Singlemode	Each	\$ 3,093.37
Interior Fiber Backbone- Includes Fiber, connectors, enclosures, coupler panels to support the number of fibers. Assumes pathway is provided by others. (Innerduct if requested is sold separately)				
Vision Technologies	34	6 strand 62.5/125 MM Plenum (100ft)	Each	\$ 1,169.94
Vision Technologies	35	6 strand 50/125 MM Plenum (100ft)	Each	\$ 1,253.57
Vision Technologies	36	6 strand 8/125 SM Plenum (100ft)	Each	\$ 1,169.94

Vision Technologies	37	12 strand 62.5/125 MM Plenum (100ft)	Each	\$	1,671.71
Vision Technologies	38	12 strand 50/125 MM Plenum (100ft)	Each	\$	1,922.59
Vision Technologies	39	12 strand 8/125 SM Plenum (100ft)	Each	\$	1,671.71
Vision Technologies	40	24 strand 62.5/125 MM Plenum (100ft)	Each	\$	2,926.12
Vision Technologies	41	24 strand 50/125 MM Plenum (100ft)	Each	\$	3,260.62
Vision Technologies	42	24 strand 8/125 SM Plenum (100ft)	Each	\$	2,842.49
Vision Technologies	43	6 strand 62.5/125 MM Plenum (200ft)	Each	\$	1,420.83
Vision Technologies	44	6 strand 50/125 MM Plenum (200ft)	Each	\$	1,671.71
Vision Technologies	45	6 strand 8/125 SM Plenum (200ft)	Each	\$	1,337.20
Vision Technologies	46	12 strand 62.5/125 MM Plenum (200ft)	Each	\$	2,006.22
Vision Technologies	47	12 strand 50/125 MM Plenum (200ft)	Each	\$	2,507.98
Vision Technologies	48	12 strand 8/125 SM Plenum (200ft)	Each	\$	1,922.59
Vision Technologies	49	24 strand 62.5/125 MM Plenum (200ft)	Each	\$	3,511.51
Vision Technologies	50	24 strand 50/125 MM Plenum (200ft)	Each	\$	4,347.78
Vision Technologies	51	24 strand 8/125 SM Plenum (200ft)	Each	\$	3,177.00
Vision Technologies	52	6 strand 62.5/125 MM Plenum (300ft)	Each	\$	1,671.71
Vision Technologies	53	6 strand 50/125 MM Plenum (300ft)	Each	\$	2,006.22
Vision Technologies	54	6 strand 8/125 SM Plenum (300ft)	Each	\$	1,588.08
Vision Technologies	55	12 strand 62.5/125 MM Plenum (300ft)	Each	\$	2,340.73
Vision Technologies	56	12 strand 50/125 MM Plenum (300ft)	Each	\$	3,093.37
Vision Technologies	57	12 strand 8/125 SM Plenum (300ft)	Each	\$	2,173.47
Vision Technologies	58	24 strand 62.5/125 MM Plenum (300ft)	Each	\$	4,096.90

Vision Technologies	59	24 strand 50/125 MM Plenum (300ft)	Each	\$ 5,184.05
Vision Technologies	60	24 strand 8/125 SM Plenum (300ft)	Each	\$ 3,511.51
Vision Technologies	61	6 strand 62.5/125 MM Plenum (600ft)	Each	\$ 2,340.73
Vision Technologies	62	6 strand 50/125 MM Plenum (600ft)	Each	\$ 3,177.00
Vision Technologies	63	6 strand 8/125 SM Plenum (600ft)	Each	\$ 2,173.47
Vision Technologies	64	12 strand 62.5/125 MM Plenum (600ft)	Each	\$ 3,344.25
Vision Technologies	65	12 strand 50/125 MM Plenum (600ft)	Each	\$ 4,765.91
Vision Technologies	66	12 strand 8/125 SM Plenum (600ft)	Each	\$ 2,926.12
Vision Technologies	67	24 strand 62.5/125 MM Plenum (600ft)	Each	\$ 5,769.44
Vision Technologies	68	24 strand 50/125 MM Plenum (600ft)	Each	\$ 8,027.38
Vision Technologies	69	24 strand 8/125 SM Plenum (600ft)	Each	\$ 5,016.80
Interior Copper Backbone terminated on 110 hardware on each end. Pathways provided by others.				
Vision Technologies	71	25 pair Category 3 Plenum (100ft)	Each	\$ 542.74
Vision Technologies	72	50 pair Category 3 Plenum (100ft)	Each	\$ 751.81
Vision Technologies	73	100 pair Category 3 Plenum (100ft)	Each	\$ 1,253.57
Vision Technologies	74	200 pair Category 3 Plenum (100ft)	Each	\$ 2,173.47
Vision Technologies	75	300 pair Category 3 Plenum (100ft)	Each	\$ 3,093.37
Vision Technologies	76	25 pair Category 3 Plenum (200ft)	Each	\$ 919.06
Vision Technologies	77	50 pair Category 3 Plenum (200ft)	Each	\$ 1,253.57
Vision Technologies	78	100 pair Category 3 Plenum (200ft)	Each	\$ 2,006.22
Vision Technologies	79	200 pair Category 3 Plenum (200ft)	Each	\$ 3,511.51
Vision Technologies	80	300 pair Category 3 Plenum (200ft)	Each	\$ 5,100.42

Vision Technologies	81	25 pair Category 3 Plenum (300ft)	Each	\$ 1,253.57
Vision Technologies	82	50 pair Category 3 Plenum (300ft)	Each	\$ 1,755.34
Vision Technologies	83	100 pair Category 3 Plenum (300ft)	Each	\$ 2,758.86
Vision Technologies	84	200 pair Category 3 Plenum (300ft)	Each	\$ 4,765.91
Vision Technologies	85	300 pair Category 3 Plenum (300ft)	Each	\$ 7,023.85
Vision Technologies	86	25 pair Category 3 Plenum (400ft)	Each	\$ 1,671.71
Vision Technologies	87	50 pair Category 3 Plenum (400ft)	Each	\$ 2,089.84
Vision Technologies	88	100 pair Category 3 Plenum (400ft)	Each	\$ 3,511.51
Vision Technologies	89	200 pair Category 3 Plenum (400ft)	Each	\$ 6,103.95
Vision Technologies	90	300 pair Category 3 Plenum (400ft)	Each	\$ 8,947.27
Vision Technologies	91	25 pair Category 5e Plenum (100ft)	Each	\$ 919.06
Vision Technologies	92	25 pair Category 5e Plenum (200ft)	Each	\$ 1,671.71
Vision Technologies	93	25 pair Category 5e Plenum (300ft)	Each	\$ 2,340.73
Vision Technologies	94	25 pair Category 5e Plenum (400ft)	Each	\$ 3,009.74
Network Tie Bundle. Total cables in a bundle solution can be 24 or 48. One (1) 24 or 48 port patch panel will be provided on each end depending on bundle size. Pathway provided by others. Patch cords are NOT included.				
Vision Technologies	95	24 port bundle Category 5e Plenum cables (up to 100ft)	Each	\$ 3,344.25
Vision Technologies	96	48 port bundle Category 5e Plenum cables (up to 100ft)	Each	\$ 3,929.64
Vision Technologies	97	24 port bundle Category 6 Plenum cables (up to 100ft)	Each	\$ 7,692.87
Vision Technologies	98	48 port bundle Category 6 Plenum cables (up to 100ft)	Each	\$ 6,605.71
Vision Technologies	99	24 port bundle Category 6A F/UTP Plenum cables (up to 100ft)	Each	\$ 7,692.87
Vision Technologies	100	48 port bundle Category 6A F/UTP Plenum cables (up to 100ft)	Each	\$ 15,302.94

Telecommunications Room (TR) Build-out- Includes one (1) sheet of fire-rated plywood, Two (2) 7x19 racks, Three (3) 6" vertical managers and Two (2) 10' sections of 12" overhead ladder tray. Racks and overhead ladder tray will be grounded to ground bus bar/ building grounding system provided by others. Horizontal wire managers and patch panels or fiber enclosures sold separately.				
Vision Technologies	101	Standard 2 rack TR Build-out described above	Each	\$ 2,926.12
Vision Technologies	102	One (1) Additional rack	Each	\$ 333.67
Vision Technologies	103	One (1) Additional 6" vertical manager	Each	\$ 584.55
Additional materials as required (price includes mounting of equipment only) Termination labor included in per drop pricing.				
Vision Technologies	104	One (1) 24 port UTP patch panel Cat5e	Each	\$ 196.52
Vision Technologies	105	One (1) 24 port UTP patch panel Cat6	Each	\$ 271.79
Vision Technologies	106	One (1) 24 port F/UTP modular patch panel Cat6A (jacks not included, sold seperately)	Each	\$ 146.35
Vision Technologies	107	One (1) 48 port UTP patch panel Cat5e	Each	\$ 388.87
Vision Technologies	108	One (1) 48 port UTP patch panel Cat6	Each	\$ 522.67
Vision Technologies	109	One (1) 1RU horizontal wire manager 1.75"	Each	\$ 104.53
Vision Technologies	110	One (1) 2RU horizontal wire manager 3.5"	Each	\$ 104.53
Vision Technologies	111	One (1) 19"Wx49"Hx25"D wall mount swing rack	Each	\$ 648.11
Vision Technologies	112	One (1) wall mount LIU supports up to 24 fibers using Ganged Adapters	Each	\$ 166.42
Vision Technologies	113	One (1) rack mount 1U fiber shelf supports up to 24 fibers ST or 24 fibers SC or 48 fibers LC using Ganged Adapters	Each	\$ 200.71
Vision Technologies	114	One (1) rack mount 2U fiber shelf supports up to 48 fiber ST or 48 fiber SC or 96 fibers LC using Ganged Adapters	Each	\$ 271.79
Vision Technologies	115	One (1) Ganged adapter panel w/12LC MM 62.5/125 Beige	Each	\$ 45.99
Vision Technologies	116	One (1) Ganged adapter panel w/12LC MM 50/125 Aqua	Each	\$ 45.99
Vision Technologies	117	One (1) Ganged adapter panel w/12LC SM Blue	Each	\$ 54.36

Vision Technologies	118	One (1) Ganged adapter panel w/6SC MM 62.5/125 Beige	Each	\$	45.99
Vision Technologies	119	One (1) Ganged adapter panel w/6SC MM 50/125 Aqua	Each	\$	45.99
Vision Technologies	120	One (1) Ganged adapter panel w/6SC SM Blue	Each	\$	50.18
Vision Technologies	121	One (1) Ganged adapter panel w/6ST MM 62.5/125	Each	\$	33.45
Vision Technologies	122	One (1) Ganged adapter panel w/6ST MM 50/125	Each	\$	37.63
Vision Technologies	123	One (1) Ganged adapter panel w/6ST SM	Each	\$	50.18
Vision Technologies	124	One (1) rack mount 4U fiber shelf supports up to 96 fiber ST or 144 fiber SC or 288 fibers LC	Each	\$	355.42
Vision Technologies	125	One (1) fiber adapter panel w/12LC MM 62.5/125 Beige for 4U rack mount enclosure	Each	\$	75.26
Vision Technologies	126	One (1) fiber adapter panel w/12LC MM 50/125 Aqua for 4U rack mount enclosure	Each	\$	75.26
Vision Technologies	127	One (1) fiber adapter panel w/12LC SM Beige for 4U rack mount enclosure	Each	\$	79.45
Vision Technologies	128	One (1) fiber adapter panel w/12SC MM 62.5/125 Beige for 4U rack mount enclosure	Each	\$	104.53
Vision Technologies	129	One (1) fiber adapter panel w/12SC MM 50/125 Aqua for 4U rack mount enclosure	Each	\$	108.72
Vision Technologies	130	One (1) fiber adapter panel w/12SC SM Beige for 4U rack mount enclosure	Each	\$	121.26
Vision Technologies	131	One (1) 110/100ft Block	Each	\$	71.08
Vision Technologies	132	One (1) 110/300ft Block	Each	\$	149.69
Vision Technologies	133	One (1) Cat5e UTP patch cord 3'	Each	\$	9.20
Vision Technologies	134	One (1) Cat5e UTP patch cord 5'	Each	\$	10.04
Vision Technologies	135	One (1) Cat5e UTP patch cord 7'	Each	\$	10.87
Vision Technologies	136	One (1) Cat5e UTP patch cord 10'	Each	\$	11.71
Vision Technologies	137	One (1) Cat5e UTP patch cord 15'	Each	\$	14.22

Vision Technologies	138	One (1) Cat6 UTP patch cord 3'	Each	\$	14.22
Vision Technologies	139	One (1) Cat6 UTP patch cord 5'	Each	\$	15.05
Vision Technologies	140	One (1) Cat6 UTP patch cord 7'	Each	\$	15.89
Vision Technologies	141	One (1) Cat6 UTP patch cord 10'	Each	\$	17.56
Vision Technologies	142	One (1) Cat6 UTP patch cord 15'	Each	\$	20.91
Vision Technologies	143	One (1) Cat6A F/UTP patch cord 3'	Each	\$	20.91
Vision Technologies	144	One (1) Cat6A F/UTP patch cord 5'	Each	\$	21.74
Vision Technologies	145	One (1) Cat6A F/UTP patch cord 7'	Each	\$	23.42
Vision Technologies	146	One (1) Cat6A F/UTP patch cord 10'	Each	\$	26.76
Vision Technologies	147	One (1) Cat6A F/UTP patch cord 15'	Each	\$	30.11
Vision Technologies	148	One (1) 2M fiber patch cord 62.5/125 MM Orange	Each	\$	65.23
Vision Technologies	149	One (1) 3M fiber patch cord 62.5/125 MM Orange	Each	\$	66.90
Vision Technologies	150	One (1) 5M fiber patch cord 62.5/125 MM Orange	Each	\$	71.08
Vision Technologies	151	One (1) 2M fiber patch cord 50/125 MM Aqua	Each	\$	68.57
Vision Technologies	152	One (1) 3M fiber patch cord 50/125 MM Aqua	Each	\$	71.92
Vision Technologies	153	One (1) 5M fiber patch cord 50/125 MM Aqua	Each	\$	79.45
Vision Technologies	154	One (1) 2M fiber patch cord 8/125 SM Yellow	Each	\$	62.72
Vision Technologies	155	One (1) 3M fiber patch cord 8/125 SM Yellow	Each	\$	64.39
Vision Technologies	156	One (1) 5M fiber patch cord 8/125 SM Yellow	Each	\$	66.90
Vision Technologies	157	One (1) 1" PVC Innerduct	Each	\$	2.22
Vision Technologies	158	One (1) 1" Plenum Innerduct	Each	\$	3.55
Vision Technologies	159	One (1) 2" support sling	Each	\$	10.04

Vision Technologies	169	2 Door Access Control	Each	\$ 5,853.07
Vision Technologies	170	15 Door Access Control	Each	\$ 37,631.41
Vision Technologies	171	40 Door Access Control	Each	\$ 83,626.37
Vision Technologies	172	75 Door Access Control	Each	\$ 158,890.85
Vision Technologies	173	110 Door Access Control	Each	\$ 209,067.17
Vision Technologies	174	4 Door Access Control	Each	\$ 12,543.24
Vision Technologies	175	25 Camera System	Each	\$ 58,538.21
Vision Technologies	176	2 Camera System	Each	\$ 4,180.52
Vision Technologies	177	Four Camera System	Each	\$ 5,853.07
Vision Technologies	178	48 Camera System	Each	\$ 91,989.09
Vision Technologies	179	Ten Camera System	Each	\$ 16,724.60
Vision Technologies	180	16 Camera System	Each	\$ 29,268.69
Vision Technologies	181	2 Camera 2MP System	Each	\$ 5,016.80
Vision Technologies	182	96 Camera System	Each	\$ 188,160.37
Vision Technologies	183	Video Server Bundle	Each	\$ 27,596.14
Vision Technologies	184	8 Camera Low Light System	Each	\$ 30,941.23
Vision Technologies	185	Analog to IP Bundle	Each	\$ 146,346.77
Vision Technologies	186	35 Camera Bundle	Each	\$ 71,082.29
Vision Technologies	187	25 Wide Angle Camera Bundle	Each	\$ 58,538.21
Vision Technologies	188	1 EXT PTZ Bundle	Each	\$ 5,016.80
Vision Technologies	189	Client View Station Bundle	Each	\$ 5,016.80
Vision Technologies	190	Visitor Management Bundle	Each	\$ 10,870.70

Vision Technologies	191	Visitor Management Bundle with Camera	Each	\$ 20,905.96
Vision Technologies	192	Visitor Management Bundle Entry Level	Each	\$ 6,689.34

Any maintenance or repair needed after the warranty expires is performed by the following labor categories:

Installation Technician, \$41.39/hour
 Technical Services Field Technician, \$62.08/hour

ASSUMPTIONS

1. All cable runs are assumed to be 250 feet or less
2. All installations are assumed for typical office construction - drywall, drop ceilings
3. Ceiling height is assumed to be no more than 12 feet.
4. All cabling has a 20 Year Warranty
5. All cabling is US Manufactured.