BID OPENING DATE AND TIME

On: October 9, 2008 AT: 10:30 A.M.

BID NO.	PAGE	INVITATION AND BID ADVERTISED	BIDDER MUST COMPLETE BELOW
S9Z55690	1 OF 43		BIDDER AGREES TO COMPLY WITH ALL CONDITIONS OF THIS BID. UNSIGNED BIDS WILL NOT BE ACCEPTED.

This Invitation to Bid with your quotations must be received prior to the above cited bid opening date and time.

DEPARTMENT DIVISION
Dept. of Aviation

AWARDED

DATE

FOR THE PROCUREMENT COMMISSIONER

CITY OF PHILADELPHIA
PROCUREMENT DEPARTMENT
MUNICIPAL SERVICES BLDG.
1401 JFK BLVD, ROOM 170A
PHILADELPHIA, PA 19102-1685

NAME AND ADDRESS OF FIRM

Federal EIN/Social Security Number

BUYER **T. Vinson**
J. Washington

TITLE OF BID **Airport Computer & Information Systems-Materials, Supplies & Equipment**

GENERAL INFORMATION

This Invitation to Bid is issued under the Anti-Discrimination Policy described in the Mayor's Executive Order 02-05.

While there are no Participation Ranges projected for this Bid, bidders are prohibited from discriminating in their selection of subcontractors and are encouraged to solicit quotes from businesses on an equitable basis with other firms.

For informational purposes only, please describe any such commitments on a separate sheet and identify the subcontractor's name, MBEC Certification Number, and dollar amount/ percentage of work.

BID QUESTIONS

All questions concerning this Invitation to Bid, including specifications and conditions, must be presented prior to the bid opening date and time. Contact the Procurement Department, Public Information Center by calling **(215) 686-4721, 686-4720, or 686-4719** with questions.

BID SECURITY

When applicable, BIDDERS MUST SUBMIT BID SECURITY.

BID SIGNATURE

BIDDERS MUST SIGN PAGE 8 OF THE "TERMS AND CONDITIONS".

For City Use Only

BID SECURITY See Conditions of Bidding	MASTER BID SECURITY		CERTIFIED CHECK SUBMITTED WITH BID	
	☐ YES	☐ NO	AMOUNT	CHECK NUMBER

VOLUNTARY PARTICIPATION AND COMMITMENT FORM (BID)
Please list any MBEC Certified and SBA vendors that will participate in this bid, including the Primary Bidder.

Minority (MBE), Women (WBE), and Disabled (DSBE) Owned Business Enterprises[1]

Bid Number		**Name of Bidder**			
Primary Bidder	**MBE ❑**	**WBE ❑**	**DSBE ❑**	**N/A ❑**	**SBA ❑**
Federal Tax Identification #					
Amount Committed		**Type of Work or Materials**			
Dollar Amount	**$**				
Percent of Total Bid	**%**				
Sub Contractor	**MBE ❑**	**WBE ❑**	**DSBE ❑**		
Vendor Name					
Federal Tax Identification #					
Amount Committed		**Type of Work or Materials**			
Dollar Amount	**$**				
Percent of Total Bid	**%**				
Sub Contractor	**MBE ❑**	**WBE ❑**	**DS-DBE ❑**		
Vendor Name					
Federal Tax Identification #					
Amount Committed		**Type of Work or Materials**			
Dollar Amount	**$**				
Percent of Total Bid	**%**				
Sub Contractor	**MBE ❑**	**WBE ❑**	**DSBE ❑**		
Vendor Name					
Federal Tax Identification #					
Amount Committed		**Type of Work or Materials**			
Dollar Amount	**$**				
Percent of Total Bid	**%**				

REVISED 4-2007

1 MBE/WBE/DSBES listed above **MUST** be certified by the MBEC prior to Bid Opening Date.

SECTION 1: GENERAL BID SUBMISSION

1.1 **TITLE: AIRPORT COMPUTER AND INFORMATION SYSTEMS – MATERIALS, SUPPLIES AND EQUIPMENT**.

1.2 **SCHEDULE NO: 100-01**

CONTRACT TERM: **01/01/2009** to **12/31/2009** ("Initial Term"), with an option to renew for up to **Three** (**3**) additional **One** (**1**) year periods, ("the Renewal Term") exercisable, at the City's sole discretion, as of the expiration of the Initial Term or then current Renewal term. The City may, at its sole discretion, renew the contract for up to three (3) months at the beginning of each renewal period(s) (the "Additional Performance Period"), if a decision has been made not to renew the contract for an entire year.

1.3.1 The City shall exercise such sole option to renew the Contract Term by issuing a letter (the "Renewal Notice") notifying the Contractor that the Contract is renewed for the Renewal Term or Additional Performance Period (identified by commencement and termination dates) that is specified in the Renewal Notice. The Contract shall be deemed to be renewed for such Renewal Term or Additional Performance Period, and Contractor shall be obligated to perform all terms and conditions of the Contract throughout such Renewal Term or Additional Performance Period, as of the effective date indicated on the City's Renewal Notice, whether or not Contractor has agreed, verbally or in writing, to such renewal of the Contract term.

1.3.2 If an individual Performance Bond and/or Payment Bond is required under this Invitation and Bid, such bond(s) shall be and remain in full force and effect throughout the Initial Term, all Renewal Terms, any Additional Performance Period, and the period of any unexpired warranty provided or required under the Contract, without notice of Contract renewal by the City to the surety or the consent of the surety thereto. It is the sole responsibility of the Contractor to ensure that such bond(s) remain in full force and effect as provided in this Section, and failure to do so shall be an event of default pursuant to Section 19, Default, of the attached Terms and Conditions of Bidding and Contract.

If participation in the City's Master Performance Security Program is required under this Invitation and Bid, Contractor shall pay the required annual fee for such participation for each Renewal Term upon the issuance of the Renewal Notice.

1.4 **CONTRACT TYPE: REQUIREMENTS**

1.4.1 The following items are required in the operation of various City agencies as ordered. Exact quantities cannot now be determined but estimates thereof are listed herein. Quantities listed may be increased or decreased to meet the requirements of the City during the period of this contract. A minimum is not guaranteed. Purchase orders issued as a result of this bid will be for materials or services to be delivered generally on an as-needed basis. Successful vendors are cautioned not to deliver any materials or services without first being advised to do so by the ordering agency.

1.4.2 It is the intent of the Procurement Department to make an award for the period as stated above subject to the appropriation of funds in succeeding fiscal year/years by City Council. The City's fiscal year is from July 1st to June 30th inclusive.

Commodities or services on the bid to be ordered after the end of the fiscal year are subject to the issuance of purchase orders for the following fiscal years. The City is not liable for the award involving following fiscal years' funds until such orders are issued.

The successful vendor(s) obligation to deliver on such purchase orders shall not take effect until the orders are issued. To simplify the contract procedure, however, the successful vendor will be required to furnish a Performance Bond or Performance Security Fee to cover units awarded to him.

1.5 **METHODOLOGY OF ACQUISITION**: Purchase of supplies and maintenance service for Communication and Information Systems for the Division of Aviation only.

1.6 **STATEMENT OF DIRECTION:**

It is the intent of the City of Philadelphia to make an award for the purchase of supplies and maintenance for Communications and Information Systems for the DOA as specified herein during the contract.

1.7 **BID SECURITY**

1.7.1 For purposes of this bid only, paragraph **25(e**) of **"Data Processing Agreement"** is deleted.

Instead, vendors **MUST** submit a bid bond executed on the City's forms (attachment B) in an amount of 10% of the total amount upon which a bidders submits a bid. A bid which is not accompanied by this required security will be rejected.

1.8 **BID INFORMATION**:

1.8.1 All information concerning this bid will be contained in this bid document as issued or amended.

1.8.2 Information provided verbally by any City official shall not be binding or relevant.

1.9 **BID SUBMISSION**:

1.9.1 Bid information must be submitted to the City of Philadelphia no later than the time and date for the bid opening.

1.9.2 Advertised sealed bids will be received and read publicly at 10:30 AM in Room #170A, 1st Floor, Municipal Services Building, 1401 JFK Boulevard.

1.9.3 Bid should be complete and include ALL information required as described in the various paragraphs of the bid specifications.

1.9.4 All pricing must be completed on the forms provided; be complete; and be in ink or typed.

1.9.5 The bid must be complete as to required bid signatures and corporate seal, and fully accept the terms and conditions contained in the bid.

1.9.6 **BID PROCESSING FEE:**

All bids submitted where the bid total is greater than $30,000 shall be accompanied by the proper Bid Processing Fee. The fee shall be in the form of a separate check or money order in accordance with Paragraph 3 of the "Terms and Conditions of Bidding and Contract."

1.9.7 When M-BE, W-BE or DS-BE ranges are required on an Invitation and Bid, vendors are reminded that the submission of a blank "Minority Business Enterprise Council Solicitation and Commitment Form" will be deemed non-responsive and ineligible for an award. Vendors are reminded to read carefully and entirely the "Bidder's Guidelines relating to Executive Order 02-05".

OR

If no M-BE, W-BE or DS-BE ranges are established for this Invitation and Bid, vendors are requested to complete the "Voluntary Participation and Commitment Form (Bid)" located after page 1 of the bid.

Completion of this form will not, in any way, impact the City's determination concerning vendor's responsiveness to the requirements of the bid and the award process. The information provided in the "Voluntary Participation and Commitment Form (Bid)" will be for the City's information.

1.9.8 In accordance with the City of Philadelphia's Regulations Relating to Local Bidding Preferences for Procurement Contracts, this bid may be subject to a 5% local bid preference. In order to determine eligibility to receive the 5% preference, if applicable, **vendor or subcontractor must be certified at the time of the bid opening and must submit with the bid the Local Business Entity Certification number** as issued by the Procurement Department for the prime contractor or the applicable subcontractor. If the prime relies upon its subcontractor's LBE status in order to be eligible for the preference, the name and certification number of the subcontractor **must** be submitted with the bid. **Failure to submit the prime's LBE certification number or the subcontractor's name and the LBE certification number with the bid will deem bidder ineligible for the 5% preference.**

Further, by submission of this bid, vendor makes the following certification in connection with the grant of any local bidding preference:

"I certify, that if awarded this contract on the basis of application of the LBE preference, my company or my subcontractor, throughout the entirety of this contract, will perform the majority of the work under this contract within the geographic limits of the City of Philadelphia, and I will, or cause my subcontractor to, maintain within the City a majority of the inventory or equipment that will be used on this contract or the amount of inventory that is customary for this industry."

Prime or subcontractor's LBE Certification Number_____

If applicable:
Subcontractor's Name_____

NOTE: If you wish to apply for Local Business Entity (LBE) certification, go to www.phila.gov/bids. Please provide sufficient time prior to bidding for processing of the LBE application.

1.9.9 **BID QUESTIONS:**

Submit your questions to Timothy A. Vinson, Procurement Technician II, 1401 JFK Boulevard, Room 120, Municipal Services Building, Philadelphia, PA 19102, Phone:215-686-4779; fax: 215-686-4727.

1.9.10 **CONTACT PERSON(S):**

PRE-AWARD:
Indicate below to whom in your firm questions concerning this Invitation and Bid should be directed:

Name:_____

Address:_____

City/State/ZC:_____

Telephone No.(_____)_____ Ext.:_____

Fax No.(_____)_____

E-mail address_____

State Company Web Site Address:_____

POST-AWARD:
Indicate below to whom in your firm questions concerning the Contract resulting from this Invitation and Bid should be directed:

Name:_____

Address:_____

City/State/ZC:_____

Telephone No.(_____)_____ Ext.:_____

Fax No.(_____)_____

E-mail address_____

1.10 **BIDDER QUALIFICATION:**

1.10.1 All vendors must be a bona fide manufacturer of, or dealer in, the article or service specified within the bid. To demonstrate this, vendors should submit the following reference information with their bid. References provided should be pertinent to the commodity or service requested in this Invitation and Bid; and demonstrate the vendor's ability to perform on a contract of this size and scope.

Please note that reference information in each section must be completed. Failure to submit this information may result in the vendor's disqualification.

SECTION 1:

Customer References other than an employee or department of the City of Philadelphia, (excluding suppliers or financial institutions).

	A.	B.	C
Firm Name:	_____	_____	_____
Address:	_____	_____	_____
Contact:	_____	_____	_____
Phone #:	_____	_____	_____
Type Work:	_____	_____	_____
Years dealing w/your firm:	_____	_____	_____

SECTION 2:

Previous purchase order(s)/contract(s) with the City; (State "None" if applicable)

P.O./Contract Number:	_____	_____	_____
Department:	_____	_____	_____
Contact Name:	_____	_____	_____
Phone #:	_____	_____	_____
Item(s):	_____	_____	_____

NOTE: Do not provide the name and phone number of a Procurement Department Buyer in this section. Contact name(s) and phone number(s) must be from a City ordering department.

1.10.2 In Section 2.3, Maintenance Service, the awarded vendor and /or their technicians shall have the following experience for each system listed below:

Digital Video Recording (DVR):

- 5 years experience as a Loronix Authorized service representative.
- Vendor must have a rating from Loronix that places them in the top 5% of the highest rated authorized service representatives in terms of customer satisfaction.
- All technicians working on the Loronix system and Philadelphia International Airport (PHL) must be trained and certified by Loronix.
- All technicians must have a minimum of 3 years experience after being certified by Loronix.
- Vendor must be able to escalate calls to receive support from Loronix's engineers on a 24 hour basis.
- 5 years experience as a PELCO / ENDURA Authorized service representative.
- Vendor must have a rating from PELCO that places them in the top 5% of the highest rated authorized service representatives in terms of customer satisfaction.
- All technicians working on the PELCO / ENDURA system and Philadelphia International Airport (PHL) must be trained and certified by PELCO for ENDURA hardware, software and have a complete understanding of ENDURA best practices.
- All technicians must be currently certified and have a minimum of 3 years experience after being certified by PELCO to work on and maintain ENDURA equipment and data.
- Vendor must be able to escalate calls to receive support from PELCO ENDURA's engineers on a 24 hour basis.

Closed Circuit Television (CCTV):

- 5 years experience as a PELCO Authorized service representative.
- Vendor must have a rating from Pelco that places them in the top 5% of the highest rated authorized service representatives in terms of customer satisfaction.
- All technicians must be currently certified and have a minimum of 3 years experience after being certified by Pelco.
- Vendor must be able to escalate calls to receive support from Pelco's engineers on a 24 hour basis.

Noise Monitoring System:

- 5 years continuous experience as a ERA Corporation Authorized service representative.
- Vendor must have a rating from ERA Corporation that places them in the top 5% of the highest rated authorized service representatives in terms of customer satisfaction.
- All technicians must be currently certified and have a minimum of 3 years experience after being certified by ERA Corporation.
- Vendor must be able to escalate calls to receive support from ERA Corporation's engineers.

Fax Server System:

- All technicians must be currently certified and have a minimum of 3 years experience after being certified by BISCOM.
- Vendor must be able to escalate calls to receive support from BISCOM's engineers.

Call Center Recording System

- All technicians must be currently certified and have a minimum of 3 years experience after being certified by MERCOM (Verint).
- Vendor must be able to escalate calls to receive support from MERCOM's (Verint) engineers.

Airport Operational Database (AODB)

- 5 years continuous experience as a Sun Authorized service representative.
- Vendor must have a rating from Sun that places them in the top 5% of the highest rated authorized service representatives in terms of customer satisfaction.
- All technicians must be currently certified and have a minimum of 3 years experience after being certified by Sun.
- Vendor must be able to escalate calls to receive support from Sun's engineers.

1.10.3 The awarded vendor shall be responsible for obtaining all necessary licenses, and service agreements required to maintain all of the systems listed in Section 2.3. If necessary, the awarded vendor may subcontract all or part of the maintenance services to qualified third parties with the Airport's approval.

1.10.4 Any service technicians or support personnel assigned by the successful vendor shall be deemed to be agents of the successful vendor and not employees of DOA or the City of Philadelphia. The City shall make payments only to the successful vendor for work performed. Any and all payments due to employees, subcontractors, suppliers and agents of the successful vendor are the responsibility of the Prime Contractor.

1.11 **MANDATORY PRE-BID MEETING:**

A MANDATORY PRE-BID MEETING for all interested parties will be held on Thursday, September 25, 2008 at 10:00 AM at the Philadelphia International Airport, 8500 Essington Ave., Terminal D – 3rd Fl. HR Conference Room, Philadelphia, PA 19153.

The purpose of this meeting is to respond to questions from prospective vendors. Vendors are encouraged to submit questions in writing at this time. All questions that materially impact upon the bid process will be answered, in writing, in a formal addendum issued by the City. Oral responses by City employees or their representatives are not binding and shall not in any way be a commitment by the City.

Attendance at this Pre-Bid Meeting is Mandatory. Only vendors who attend the Pre-Bid Meeting and are subsequently qualified by the City will be eligible for award.

NOTE:
Pre-bid meetings should be Non-mandatory unless it is absolutely necessary to make it Mandatory. In either case, when you are having a pre-bid meeting, the following language must be added to the bid document:

"IT IS THE VENDOR'S RESPONSIBILITY TO ENSURE THAT THEY ARRIVE AT THE PRE-BID MEETING ON TIME. VENDORS WHO ARRIVE TWENTY MINUTES AFTER THE MEETING HAS STARTED, MAY BE DENIED ENTRY TO THE MEETING."

1.12 **SITE INSPECTION:**

Vendor is responsible for examining prior to bid submission, in detail the site(s) of the work to be done, shall acquaint himself with conditions affecting the work, and if applicable, shall take his own measurements for which he will be held responsible. The bid shall be prepared with due regard to the conditions existing or to be anticipated at the site(s) of the work.

Attendance at the site is Mandatory. Failure to submit a signed Certification of Site Visit form will disqualify bidder. (See "Certification of Site Visit" form below).

MANDATORY SITE VISIT CERTIFICATION

BID NO. S9-Z5569-0

(TO BE SUBMITTED WITH BID PACKAGE)

This form MUST be signed and dated by a representative of Philadelphia International Airport to certify that the below vendor inspected the area as per specifications.

FAILURE TO VISIT THE SITE WILL DISQUALIFY YOUR BID.

COMPANY NAME: _____

ADDRESS: _____

CITY/STATE/ZIP CODE: _____

PHONE NO.: _____ FAX NO.:_____

CITY REPRESENTATIVE: _____

DEPT.: _____

NAME:_____

SIGNATURE:_____

DATE:_____

SECTION 2: SPECIFICATIONS

2.1 Successful vendor(s) shall be required to supply the City of Philadelphia, Commerce Department, DOA with supplies for Communications and Information Systems and the Maintenance Service of various systems as listed Attachment I (pricing pages) and Section 5 of this Invitation and Bid.

2.1.1 Airport Security and Clearance Requirements

The selected Contractor's employees, subcontractors and/or agents shall be subject to any background, fingerprinting, and security I.D. badging policies that may be imposed from time to time by any Federal, State or Local authorities including Transportation Security Administration (TSA), the City and the DOA. The City will cooperate with the selected Contractor in facilitating the Contractor's compliance with such policy requirements. The selected Contractor and all subcontractors shall comply with all Airport regulations.

Vendor Note: It is the intent of the City of Philadelphia to issue a Request for Proposals for the placement of Computer and Information Systems Management/ Maintenance Services consultant (hereinafter referred to as "CISM Consultant"), to serve as a companion to the contract entered into as a result of this Invitation and Bid. The successful bidder will be expected to work with the CISM consultant and City officials in providing supplies and maintenance, which will be required for the effective management of all systems referenced herein.

2.1.2 The attached Data Processing Agreement is made part of this Invitation and Bid as it applies to Hardware Maintenance and Software Support as referenced in Paragraph 12.a, 12.b (1) (a), 12b. (2) (a), 12.c (1) (a) and 12.c. (2) (a) in Section 12, Maintenance Responsibilities and Paragraphs 8.a., 8b., 8.c. and 8.d. in Section 8 Warranty.

In the event of any discrepancies between the attached Data Processing Agreement and this Invitation and Bid, the Invitation and Bid document shall prevail.

2.2 System Requirements –Supplies/Equipment

2.2.1 AIRPORT COMPUTER AND INFORMATION SYSTEMS

The following systems will require supplies during the contract period:

2.2.1.1 Airport Telephone System.

The Philadelphia International Airport's (PHL) telephone system consists of a Nortel Option 81C PBX, Option 11 PBX, two remote shelves, voice mail, interactive voice response system (IVR), automatic call distribution and statistics system (ACD) and the maintenance administration terminal PC (MATS). Multiple T1 circuits, 8 trunk lines and 16 POTS lines from Verizon feed the system.

The 81C is located in the Central Utilities Building (CUB) which is the Verizon demarc for the airport campus. It has approximately 1700 digital ports and 1700 analog ports and approximately 675 digital and 1675 analog sets at DOA. The Option 11 is located at International Plaza 2 (IP2), 5th floor and is connected to the 81C via two trunk lines. It has 200 digital ports and 50 analog ports. There are approximately 125 digital and 27 analog sets at IP2. The voice mail system, Call Pilot, has a capacity for 750 mailboxes of which approximately 450 are in use. The IVR has 48 channels and handles hundreds of calls per day.

The remote shelves are located at Northeast Philadelphia Airport (PNE) and at the Maintenance Support Building, Island Ave, Philadelphia PA, 19153. The remote shelf at PNE is connected to the 81C via a T1 line. The crash alarm is driven through the telephone system for both the PHL and PNE and rings at the following locations: 3rd & Spring Garden Ave, FAA Tower, Communications Center and Engine 78 Firehouse. The ACD, Symposium Express and Simon View provide the Airports' communications center with call distribution, queuing and statistics. The MATS computer allows the administrator to configure and maintain the PBX.

MERCOM audio log system records telephone calls on certain channels to capture and record certain calls.

2.2.1.2 **Universal Cable Distribution System.**

The physical transmission media and cable plant (UCDS) at the PHL stretches around the physical property of the airport and through the seven terminals. The cable starts out in the main distribution facility (MDF) and continues in smaller lots to the intermediate distribution facility (IDF) and from there to the end device. The cable is routed through duct banks, cable tray and an extensive manhole system. The microwave connects the Airport to the International Plaza building. The media consists of the following items: fiber, single mode and multi-mode; copper, CAT3, CAT 5, CAT6, RG59,RG6, RG8; microwave equipment. The following connectors used for copper: RJ11, RJ45, BNC, and F. The following connectors are used for fiber: ST, SC, LC, MTRJ.

2.2.1.3 **Airport Operation Database System (AODB)**

AODB System consists of the multi-user flight information system (MUFIDS), gate management system (GMS)and common use equipment system (EASE). All of these systems are connected via an Oracle relational database. This means that changes to a flight schedule will affect the availability of that gate. The AODB currently in operation at the Airport is from Air Transport IT Systems (AirIT).

The MUFIDS at the Airport consists of two systems, INFAX and AirIT. The INFAX system is gradually being replaced by the AirIT system through capital projects. The AirIT system is currently in terminals A-West, portions of A-East and F. The INFAX system is in the remaining portions of terminal A-East and terminals B through E. The AirIT system head end is running on two Sun 880 servers with RAID arrays and Veritas software is configured for fail over. The middle tier consists of eight data distribution servers (DDS) which provide authentication and data for the data device controller (DDC). The DDS machines are running Windows XP and the AirIT MUFIDS java application. The DDC machine is either a Lantronics ethernet device or an Apple computer. The Lantronics device connects to a baggage input terminal at the bag belts.

The Apple is either a PowerMac G4 or a Powerbook G4 running Mac OS X, java and the AirIT application. There are a total of 80 Powerbooks connected to seventy plasma displays and ten 29" VGA monitors. There are 172 PowerMacs connected to 162 Clarity LCD displays and 143 29" VGA monitors. The INFAX system consists of two PC servers transmitting data over a RS485 circuit to the custom built data to video converters (DVC). The DVC reads the appropriate data for display to the remaining 470 29" monitors. Each DVC can be connected up to four monitors. The airline flight information is sent into the INFAX system. A flat file is copied to the Airport LAN. That flat file is sent to the web server, AirIT MUFIDS system and the IVR.

The EASE system allows multiple airlines to use the same gate, ticketing and baggage facilities without having multiple sets of equipment at each location. The airlines use the equipment to connect to their own network over a dedicated line or the internet.

This provides the airline with control over the functionality to their personnel and relieves them of the need to train their people on separate systems. The EASE system runs on two DELL servers connected to Dell PC workstations. A Nortel firewall appliance, contivity, sits between the airlines network and EASE network.

The airlines workstation image is loaded onto the PC from the server. Once the image is loaded, the user authenticates to the airlines network and has access to the airlines computers and data.

2.2.1.4 **Video Information Display System (VIDS) Network**

The video information display system consists of the video editing system and the visual paging system. The visual paging system is an Americans with Disabilities Act (ADA) requirement. This system displays on a video monitor the text of an audible announcement that is broadcast over the public announcement system. The terminal announcement control system (TACS) is the head end for the visual paging system. The telephone operators enter a message into the visual paging software. This message is sent to the head end, which controls the timing and display zones for the visual and audio announcement. The video editing system is a set of equipment for the sole purpose of creating and editing video materials. The system consists of AVID software, multiple types of tape decks to record and play, sound mixing board, CD and DVD burners.

2.2.1.5 **Security Access Control System (SACS) Network**

The security access control system at the Airport protects the SIDA from unauthorized access. This is accomplished through the software package, ProWatch 3.5 from NexWatch. ProWatch monitors all of the security access points, which include doors, sally ports, elevators, and vehicle gates that number approximately 880. The end devices are connected to multiplexers which are linked together to form a loop. There are twenty-four loops. Each loop runs the nodal protocol b.

This protocol is converted to RS232 and then converted to Ethernet by a series of Digi board devices. This is a closed system that runs on a pair of DELL 6650 servers with a RAID array and is configured for fail over. It connects to ten workstations. The Systems Control personnel use the workstations to remotely lock and unlock these devices, monitor alarms and device states, update system information and produce reports.

The ID Badging personnel use the workstations, HID encoders and Fargo printers to create, update and produce identification badges for the Airport.

2.2.1.6 **Closed Circuit Television & Digital Recording System**

The closed circuit television (CCTV) and digital video recording (DVR) systems are used to monitor the doors, gates and vehicle entrances throughout the Airport. For example, the security checkpoints are recorded for the TSA as part of the Airport's security plan. The CCTV system consists of approximately 550 cameras and five video switchers. The cameras can be controlled from multiple security locations. The DVR system consists of nine digital video recorders, two master switches, four tape servers and three tape jukeboxes. Video from the camera is sent to the switcher where it is directed to a monitor and the DVR system. The DVR records the video and as it ages it is sent to tape for long term storage.

2.2.1.7 **Noise Monitoring System**

The noise monitoring system records, processes and reports on the noise generated by aircraft flying into the Airport. This information is federally mandated and is used to verify complaints from residents who live near the airport. The noise monitoring system is from British Aerospace (BAE) systems. The system receives data from the FAA radar tower on the x, y and z coordinates and time of an aircraft's arrival and departure. There are currently eleven pieces of remote monitoring equipment around the airport property. This information is stored at the noise abatement office.

2.2.1.8 Uninterruptible Power Supply (UPS) Systems

There are many systems at the Airport that must be run continuously. The UPS systems allow this occur by storing power in batteries and supply that power to the system when the electrical current fails or voltage goes too low to safely run the equipment.

The local area network (LAN) equipment at terminal E and international plaza 5th floor are running on an APC Symettra UPS. The security equipment at terminal E and the LAN equipment at terminal D are running on APC UPS. The Airport's telephone PBX is running on a GNB UPS with 8 hours of run time at the Central Utilities Building.

2.2.1.9 Local Area Network (LAN)

The Airport's LAN consists of the following equipment: eleven Netware 6.0 servers, three linux servers, twenty four Microsoft Windows servers and 300 PCs. The Netware servers act as file and print servers. The linux and windows servers are application and database servers. The network consists of the following equipment: eight Nortel 8600 layer 3 switches, approximately 150 Nortel BPS2000 layer 2 switches, five ARN routers and 1 ASN router. The LAN allows the Airport personnel to send and receive email, files and collaborate on projects. The data on the network is backed up nightly to tape. The network serves a backbone for other systems at the Airport. As older systems are upgraded or replaced, the network backbone has become the primary method to move data around the Airport.

2.2.1.10 Wireless/Hand Held Communications

The Airport campus resides in Philadelphia and Delaware counties. It stretches from the Delaware river on the East and South to Interstate 95 and Tinicum township on the North and West. The City's 800 MHz radio system, AT&T Wireless 802.11b network, various airline and tenant radio systems and various cellular telephone networks cover the campus.

Airport requirements and projects have required that different portions of these systems interface and be accessible by users with various types of equipment. The types of equipment has included the following: GPS receiver; Pocket PC or Palm device; 802.11b Pocket PC or Palm interface card; Nextel direct connect radio; camera attachment for Pocket PC or Palm device; GPS integrated Pocket PC or Palm device for GIS applications; barcode attachment for Pocket PC or Palm device; barcode integrated Pocket PC or Palm device; 800 MHz radio; licensed 400 MHz radio.

2.2.1.11 **Web Site Design**

The Airport's web site serves as a hub for information about the Airport. The web site is hosted locally at Airport. The site is running on a Windows 2000 server protected by a Symantec firewall with VPN access. Five T1 lines using diverse routing provide access to the web site. Live video of the airfield, from two cameras, is displayed on the web site using Real products. Internet access for users is provided through the firewall. Email access through the web is provided through the internet email gateway. MUFIDS information is available on the web site through a flat file of INFAX data. Public information counters throughout the Airport display the Airport's web site using secure secure public kiosks.

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2.3 General Requirements Systems Requiring MAINTENANCE SERVICE

Awarded vendor shall provide the City of Philadelphia with all parts and labor necessary to keep the equipment and software described below in good operating condition.

2.3.1 Items to be added to the list of maintained equipment and maintained software must be approved by DOA prior to inclusion on the list.

2.3.2 PHL may delete any item from the list of maintained equipment and maintained software upon sixty (60) days notice, provided that the remaining system meets the necessary requirements for functionality and reliable operation.

2.3.3 **Digital Video Recording (DVR)**

2.3.3.1 **Performance Period**

Mon. through Fri., 8am – 5pm. Shall include : Telephone Support and/or scheduled appointment or next business day.

Emergency Response – 24 hours a day, 7 days a week, including holidays; problem fixed within 4 hours of report to vendor.

2.3.3.2 **Scope of Work**

Preventative maintenance, including administration issues, and recommendations for the system to prevent unscheduled downtime. Troubleshoot, diagnose and replace non-functioning part(s): Removal of non-functioning part(s): Installation of replacement part(s); Installation, setup and configuration of software, settings, etc. to return system to good working order as necessary. Provide, install and configure manufacturer's recommended software bug fixes and updates to keep system in good working order.

2.3.3.3 **Equipment to be serviced**

Location	Parts No.	Quantity	Description
NCC	951-1050	3	Tape Server
NCC	951-0216	4	32 Port Recorder
NCC	TLS-46180	1	180 Tape Library
NCC	TLS-46120	2	120 Tape Library
NCC	951-1050	2	Tape Server
NCC	951-1040	1	Master Server
AWest –Sector 7	952-2304	1	16 Port Recorder
AWest – Sector 5	952-2304	1	16 Port Recorder
AWest -1T10543	951-0216	2	32 Port Recorder
Terminal E	ENC5316	7	16 Port Encoder
Terminal E	SEB5100-4800	5	Storage Expansion 4.8 TB
Terminal E	DVR5300-4800	6	Digital Video Recorder 4.8 TB
Terminal F	ENC5316	5	16 Port Encoder
Terminal F	SEB5100-4800	5	Storage Expansion 4.8 TB
Terminal F	DVR5300-4800	5	Digital Video Recorder 4.8 TB

2.3.4 **Closed Circuit Television (CCTV)**

2.3.4.1 **Performance Period**

Mon. through Fri., 8am – 5pm. Shall include: Telephone Support and/or Scheduled appointment or next business day.

Emergency Response – 24 hours a day, 7 days a week, including holidays; Problem fixed within 4 hours of report.

2.3.4.2 **Scope of Work**

Troubleshoot, diagnose and replace non-functioning part(s): Removal of non-functioning part(s); Installation of replacement part(s) configuration of software, settings, etc. to return system to good working order as necessary.

Provide, install and configure manufacturer's recommended software bug fixes and updates to keep system in good working order.

2.3.4.3 **Equipment to be serviced**

Qty	Part #	Part Description
8	CM9760-MXB	Pelco Matrix Bay
7	CM9760-CC1	Pelco Matrix CPU
7	CM9760-KBR	Pelco Matrix Keyboard
3	CM9760-CCS	Pelco Matrix CPU Changeover
3	CM9760-CCS-PNL	Pelco Matrix Switcher Patch Panel
4	CM9760-CDU-T	Pelco Matrix Switcher Code Distribution Unit
1	CM9760-DT4	Pelco Matrix Switcher Data Translator RS422
4	CM9760-ALM	Pelco Matrix Switcher Alarm Interface Unit
40	CM9760-VCC	Video Matrix 16 Input Card for 9760

Equipment to be serviced

Qty	Part #	Part Description
15	CM9760-VMC16	Pelco Matrix Switcher Video Output Card 16
7	CM9760-MPS	Pelco Matrix Switcher Bay Power Supply Redundant
15	CM9760-RPM	Pelco Matrix Switcher Rear Panel BNC Card Monitors
40	CM9760-DFL	Downframe card and cable for looping inputs
7	CM9760-DT	Pelco Matrix Switcher ASCII Translator
7	CM9760-SER	Pelco Matrix Switcher RS422 Serial Card

Equipment to be serviced

Qty	Part #	Part Description
24	PMC9A Monitor	9" color, high resolution (350 tvl), rack mountable. 120 VAC, NTSC.
5	PMC14F Monitor	14" color, high resolution, rack mountable. 120/230 VAC, NTSC/PAL.
2	PMC21A Monitor	21" color, high resolution, rack adaptable. 120/230 VAC, NTSC/PAL.
2	TLR096	Pelco VCR
2	MX4009CD Multiplexer	Color, Duplex 9-channel. NTSC/120V.

2.3.5 **Noise Monitoring System**

2.3.5.1 **Performance Period**

8AM - 5PM, Mon. – Fri., excluding holidays.
Unlimited diagnostic telephone consultations regarding system maintenance and operation.

2.3.5.2 **Scope of Work**

Vendor shall provide standard maintenance agreement with ERA Systems Corporation for the TAMIS/Airscene Noise Monitoring system. Also, provide maintenance and unlimited diagnostic telephone consultation services during scheduled hours of service. On-site repairs to be provided after diagnostic telephone consultations and if failing equipment can not, reasonably, be shipped to the manufacturer, at the manufacturer's expense has been determined by both the contractor and the City.

Each fixed remote noise monitoring site shall be calibrated twice per year. Awarded vendor shall provide free upgrades to ERA Systems Corporation software during the life of the contract. The upgrades shall consist of software updates, upgrades, and modifications for the various ERA Systems Corporation developed software elements for the system, including interfaces to commercial third-party software. ERA Systems Corporation shall provide upgrades to the maintained software only when in ERA Systems' sole opinion, the upgrades can be incorporated into the system without degrading system performance or causing any required system functions to become inoperable. ERA Systems Corporation shall not provide hardware modifications as a routine system upgrade.

2.3.5.2.1 PHL shall maintain a staff that has received adequate training in operating noise monitoring equipment and has the skills required to perform operator level maintenance including the removal and replacement of remote noise monitoring equipment and central site equipment under the direction of ERA Systems Corporation maintenance personnel or its designee.

2.3.5.2.2 PHL shall monitor the acquisition of data daily and alert ERA Systems Corporation or its designee that a malfunction has occurred in data acquisition or in the transfer of data to the noise office.

2.3.5.2.3 Airport personnel shall perform operator level maintenance to correct a malfunction on equipment for which they have received maintenance using available spare parts. If the fault is with a remote monitoring site, Airport personnel shall verify that the electric power and telephone circuits at the remote site are in good working order.

2.3.5.2.4 If the operator level maintenance activities are unable to correct the malfunction, the Airport shall notify ERA Systems Corporation maintenance personnel. Within four (4) working hours, ERA Systems Corporation shall respond for diagnostic consultation and possible additional ERA Systems Corporation directed operator maintenance activities. ERA Systems Corporation directed operator maintenance activities shall begin within eight (8) working hours of the reported malfunction.

2.3.5.2.5 Airport shall perform reasonable operator level maintenance activities under the direction of BAE Systems maintenance personnel.

2.3.5.2.6 If the malfunction cannot be resolved by the above procedures, ERA Systems Corporation shall dispatch a service representative within five (5) working days of the time/date stamp on the faxed STR.

2.3.5.2.7 The Airport shall repair or replace equipment under maintenance damaged by relocation of equipment not performed by BAE Systems or under ERA Systems Corporation's supervision or direction.

2.3.5.3 **Hardware/Software to be maintained**

ERA Systems Corporation will maintain all hardware and software that comprises for the TAMIS / Airscene Noise Monitoring system with the exception of consumables such as printer toner, printer paper, network patch cables, etc.

2.3.6 **Fax Server System**

2.3.6.1 **Performance Period**

Telephone and email technical support from 8:30am to 7pm, Mon. – Fri., excluding holidays.

2.3.6.2 **Scope of Work**

Awarded vendor shall supply Premium level Support with BISCOM on their FAX Server product. Software updates; Remote diagnostics; Next day replacement unit for failed unit.

2.3.6.3 **Equipment to be serviced**

FAXCOM 5100, serial # 035113

2.3.7 **Airport Operational Database (AODB)**

2.3.7.1 **Performance Period**

24 x 7 online, and telephone technical support. 4 hour on-site service, 8am to 8pm, Mon. – Fri.

2.3.7.2 **Scope of Work**

Awarded vendor shall supply SunSpectrum Gold Support on all Sun hardware and software. Priority technical support with live call transfer 24x7; Solaris operating system upgrades, enhancements and bug fixes; Replacement parts shipped or delivered; Remote diagnostic analysis available.

2.3.7.3 **Equipment to be serviced**

SUN V880 server, serial # 249V00A8, pn # 602-2262-01
SUN V880 server, serial # 249V00DB, pn # 602-2262-01
SUN 420R server, serial # 132C02E4SUN, pn # A33-ULD2-2GFB1
SUN D1000 disk array, serial # 151H24CC, pn # 595-5795-02
SUN D1000 disk array, serial # 023H2D5E, pn # 595-5375-01

2.3.8 **Call Center Recording System**

2.3.8.1 **Performance Period**

Telephone and email technical support from 8:30 to 7:30 pm. Mon. – Fri., excluding holidays.

2.3.8.2 **Scope of Work**

Awarded vendor shall supply Premium level support with MERCOM (Verint) on their Audiolog product. Hardware replacement, Software updates; Remote diagnostics; Next day replacement unit for failed unit.

2.3.8.3 **Equipment to be serviced**

MERCOM, SERIAL # 1606165KW100011

2.4 **PRICING**

In Attachment I, vendor shall submit pricing for:

2.4.1 **Materials, Supplies/Equipment** for each item listed in that Attachment I.

2.4.1.1 All parts bid must be guaranteed to be both interchangeable and intermixable with the Systems outlined in Section 2.3 as well as any existing systems used throughout the Airport requiring the replacement of equipment, parts and/or materials.

For the purposes of this bid, the following definitions will apply:

Interchangeability shall mean the ability to use one manufacturer's equipment, parts and/or materials parts, with another manufacturer's body.

Intermixability shall mean the ability to randomly mix components of different manufacturers.

2.4.1.2 Vendor's warranty certifying all equipment, parts, supplies must stand for a minimum of Ninety (90) days from the date delivery is accepted by the City, unless otherwise specified in Attachment I, "Pricing".

2.4.2 Vendor shall provide a mark-up for items added to the contract per para. 4.1.1. Mark-up not to exceed 15%.

2.4.3 **MAINTENANCE SERVICE:**

Vendor shall submit a Lot (LO) price for **each** system described in section 2.3 of this Invitation and Bid for maintenance.

Vendors shall also submit a price for each item listed below. Prices shall be firm for the Initial Term of the Contract. If subsequent Renewal Terms are exercised by the City, the vendor may increase prices as per paragraph 4.2.13 "Price Increase or Decrease."

DELIVERY:

VENDOR TO COMPLETE ATTACHMENT I, "PRICING TYPE OF TRANSPORT".

SECTION 3: BID EVALUATION AND AWARD

3.1 **EVALUATION:**

3.1.1 Bids will be evaluated by the Procurement Department.

3.1.2 Bids will be evaluated for responsiveness to the bid specifications and for responsibility of the bidders.

3.1.3 Bids which are determined to be non-responsive for reasons of:

(i) improper bid security
(ii) improper bid execution
(iii) incompleteness
(iv) offering counter terms and conditions
(v) improper or incomplete execution of MBEC documents (if applicable)

may be disqualified by the City without notice to the bidder. The decision of the City is final.

3.1.4 Bidders whose bids are determined to be non-responsible for reasons of vendor qualification shall be notified by the City of the reasons for the determination and may contest the finding of non-responsibility through the prescribed procedures described in paragraph 25(h) of "Data Processing Agreement".

3.2 **AWARD:**

3.2.1 This Invitation and Bid shall be awarded as a whole to the lowest responsive and responsible vendor. Vendor must bid all items to be eligible for award.

3.2.2 If the 5 % local bid preference is applicable, the total bid price or total section price of the certified Local Business Entity (LBE) will be multiplied by .95 and rounded to the second decimal place. The adjusted bid price of the LBE will then be used in determining the lowest responsive and responsible vendor. If any section of the bid is awarded by line item, the 5% local bid preference will not apply to that section.

Unless the Procurement Commissioner determines not to grant a preference for the reasons stated in subsection b., of the LBE Regulation, an LBE, whose bid is otherwise responsive and responsible and who has submitted the information required above, shall be granted a five percent bid preference on competitive bid(s) awards that are over $30,000.00 and awarded as a whole or by section.

3.2.3 **Performance Security**

If the total award amount exceeds $500,000, the Master Performance Security does not apply. Upon notification of award, the City will require the successful vendor to provide an individual Performance Bond in the amount of 100% of the contract award as specified in the Letter of Award. For any subsequent renewal periods, sections 1.3.1 and 1.3.2 shall apply.

3.2.4 **City of Philadelphia-Business, Corporate and Slavery Era Insurance Disclosure**

In accordance with Section 17-104 of The Philadelphia Code, the Vendor, after execution of this Contract, will complete an affidavit certifying and representing that the Vendor (including any parent company, subsidiary, exclusive distributor or company affiliated with Vendor) has searched any and all records of the Vendor or any predecessor business entity regarding records of investments or profits from slavery or slaveholder insurance policies during the slavery era. The names of any slaves or slaveholders described in those records must be disclosed in the affidavit.

The Vendor expressly understands and agrees that any false certification or representation in connection with this Paragraph and/or any failure to comply with the provisions of this Paragraph shall constitute a substantial breach of this Contract entitling the City to all rights and remedies provided in this Contract or otherwise available in law (including, but not limited to, Section 17-104 of the Philadelphia Code) or equity and the contract will be deemed voidable. In addition, it is understood that false certification or representation is subject to prosecution under Title 18 Pa.C.S.A. Section 4904.

3.2.5 **INSURANCE:**

Insurance is a requirement for this bid in accordance with Paragraph 14 of the “Terms and Conditions of Bidding and Contract”. No contract will be executed nor purchase order issued unless and until all required insurance certificates, in the required amount, are received. **All insurance MUST meet the following requirements:**

- Insured must be in the same name and address as the Vendor
- The insurance carrier must be rated “A” or better by AM Best
- The certificate holder must be the City of Philadelphia, and specifically named as an additional insured on the certificate in the "Description of Operations section".

- Certificate must be signed by an authorized representative of the insurance company/carrier

All certificates are to be sent to the Office of Risk Management, One Parkway, 1515 Arch Street, 14th Floor, Philadelphia, PA 19102, Attn. Debbie Lawton or FAX to (215) 683-1705.

SECTION 4: CONTRACT MANAGEMENT

4.1 CITY OF PHILADELPHIA RESPONSIBILITY:

4.1.1 City agencies will be notified by Procurement of award(s) and will be provided with vendor(s), vendor contact(s) and applicable pricing. Departments will prepare and submit through the appropriate review channels, a requisition detailing their specific needs and requirements to Procurement. The Procurement Department shall then apply the requisition against the contract and issue a purchase order.

Order Against Contracts

Subsequent to contract conformance of a Requirements bid, purchase orders will be issued at such time that the product and/or service is needed. Such purchase orders will show if delivery is to be made upon receipt of order, or only after notification by the using department.

4.1.2 Invoices shall be submitted after delivery and acceptance of the product or service by the City. The City attempts to process invoices in a timely manner. Delays can occur because of incomplete or inaccurate invoicing information. Please make sure that invoices contain the following information to help the City process payments to the Contractor as quickly as possible.

(a) After the delivery or services have been completed the Contractor must submit three (3) copies of the invoice for payment to the receiving department listed on the purchase order.

(b) The invoice must correctly reference the purchase order number, the vendor name, address and Federal Employer Identification number.

(c) Checks will only be made payable to the company name as shown on the purchase order; the invoice must reflect this same company name as the “pay to”.

(d) The invoice must show the quantity and type of item or service and the price.

(e) The unit of purchase on the invoice must agree with the unit cited on the purchase order. Reference to the specific line item is helpful.

4.1.3 The using agencies and departments are responsible for monitoring the services and/or products delivered as described in the contract. If any problems arise, a letter should be sent to the vendor requesting resolution by a specified date. A copy should be sent to the buyer. If vendor does not resolve the breach of contract by the requested date the matter should be turned over to the buyer.

4.1.4 **ADD-ONS:**

The City reserves the right to add, delete and/or acquire products/services that the vendor can supply that are similar to, but not specifically called for in this bid. The procedure for such acquisitions shall be as follows:

Procurement or the using department will obtain from the Vendor a letter (on his/her letterhead) verifying the items to be added. The letter shall include the complete description of the item, the location (if applicable), the bid number bid schedule number, the price to the City and the applicable contract period; and upon receipt and approval by the Procurement Department shall automatically become part of the contract. **The City, however, reserves the right to accept or reject the letter and to acquire the supplies or materials in the open market.**

4.2 **VENDOR RESPONSIBILITY:**

4.2.1 Contractor may deliver only products, services or equipment (as applicable) as authorized in the contract and only after receipt of a purchase order or other authorized document from the Procurement Department. All orders must be in writing. Contractor shall not accept verbal delivery requests until after receipt of purchase order or other authorizing document from Procurement.

4.2.2 Contractor may deliver only products, services or equipment (as applicable) at the prices quoted in the contract and that are reflected on a purchase order or a change to a purchase order (a change to a purchase order is issued

whenever the items, unit price, total amount, or terms and conditions change from the original purchase order).

4.2.3 Contractors may deliver products, services or equipment (as applicable) up to the dollar limit of the purchase order and for the period shown on the purchase order. Contractors are requested to carefully monitor obligations against purchase orders and inform the departments of anticipated funding shortfalls.

4.2.4 **DELIVERY:**

Unless otherwise specified in Section 2, noted by vendor in Attachment I, and/or approved by the Using Agency, delivery of product and/or service will be made within 30 days from date requested by DOA. VENDOR NOTE: In Attachment I, specify delivery if other than 30 days.

4.2.4.1 **Liquidated Damages:**

Upon the occurrence of any event or omission listed below. There shall be imposed by the City of Philadelphia upon the vendor liquidated damages of $75.00 for each event or omission per day until such actions are remedied by the vendor:

- Failure to commence work within specified time
- Poor Performance
- Failure to provide all equipment, materials and parts necessary for the performance of the work
- Failure to supply qualified personnel

4.2.4.2 Nothing in the above section shall be deemed to limit the City's rights or remedies in the event the City's actual damage exceeds the amount withheld from the billing. Repeated events or omissions as described above shall be sufficient cause for the City, at its option, to declare vendor in default and exercise all available rights and remedies available under the law.

The City's failure at any time to enforce the provisions of this section shall in no way affect the City's right to enforce this provision for subsequent events. The City/using agency shall notify the vendor in writing on a monthly basis of said liquidated damages imposed on vendor; all assessments of liquidated damages must also be reported, in writing, to the Procurement Dept. Buyer as they occur.

In the event of assessment of liquidated damages, if the vendor feels that extenuating circumstances contributed to the occurrence, a request for a waiver on the liquidated damages may be appealed in writing, within 30 days to the using agency and the Procurement Department who shall be the final arbiter in such matters.

4.2.5 In the event that the contractor receives an order for products, services or equipment not specifically priced and incorporated into the contract, they must:

(i) bring this to the immediate attention of the Procurement Dept., and
(ii) notify the ordering agency in writing and refuse to deliver.

4.2.6 Should products, services, or equipment be delivered that are not specifically incorporated and priced into the contract, and/or be delivered without purchase order, the City shall have no obligation for payment.

4.2.7 For delivery of products or equipment, contractors shall honor and be paid for orders placed until the close of business of the date of purchase order expiration. Delivery of product may occur following purchase order expiration, so long as the order was placed prior to the purchase order expiration date.

4.2.8 For performance of services, contractor shall honor and be paid for orders placed until the close of business of the date of purchase order expiration. Performance of services may occur following purchase order expiration, so

long as the order was placed prior to the purchase order expiration date.

4.2.9 **REPORTS**

4.2.9.1 **RECYCLED USAGE REPORTS**

If the successful vendor is supplying products/ services in this contract that have recycled content, indicate which item(s) contain this content in Section 5: Pricing, (under the applicable item) and the percentage of recovered material and post consumer material as it applies.

The successful vendor will be required, on a quarterly basis, to furnish a usage report of the recycled products purchased by City Departments. Two reports will be required:

a. **Departmental Report**
A report by purchase order, current and cumulative, showing item(s) delivered, description, date, quantity, price, extended amount and to the extent possible, the percent of recovered material in delivered items.

b. **Item Report**

A report, current and cumulative, by item, showing description, date, quantity, price, extended amount, and to the extent possible, the percent of recovered material and percent of Post-Consumer material in delivered items.
All reports are to be submitted to the Recycling Office, Room 780, Municipal Services Building, Philadelphia, PA 19102, Attn: Recycled Content Administrator.

In support of the City of Philadelphia's Recycling Program, bidders are encouraged to supply with their bid, any information available regarding recycled material content in the products bid. The City is particularly interested in the type of recycled material used (such as paper, plastic, glass, metal, etc.); the percentage of recycled material contained in the product and the cost and product performance impact of increasing the percentage of recycled content.

The City also requests information regarding any known or potential material content in the product that may be extracted and recycled after the product has served its intended purpose.

Product bid contains recycled content? YES ☐ NO ☐

Is your product packaged and/or shipped in material containing recycled content? YES ☐ NO ☐

Is your product recyclable after it has reached its intended end use? YES ☐ NO ☐

Is your product shipped in returnable Containers? YES ☐ NO ☐

4.2.10 **Approval of Work:**
All completed work shall be approved by the ordering department prior to approval for payment. Work must be completed in a first-class workmanlike manner to the absolute satisfaction of the City. The cost of any faulty or inadequate workmanship or parts will not be paid for by the department and must be assumed by the Contractor. In addition, the Contractor is responsible for picking up any delivered material that is rejected for non-compliance to specifications. Any and all costs associated with the return is to be at the sole expense of the Contractor.

4.2.11 **Invoices/Receipts:**

4.2.11.1 Successful vendor(s) agrees not to invoice more than once per month.

4.2.11.2 All invoices/receipts for parts shall have the signature and payroll ID number of the authorized/designated City personnel..

4.2.11.3 Invoices should be sent in triplicate to each ordering department

4.2.11.3.1 One (1) original and two (2) copies fully itemized invoices.

4.2.11.3.2 See also item 4.1.2 above.

4.2.12 **PRICE INCREASE OR DECREASE**:

4.2.12.1 **Equipment and Supplies**

Contractor shall provide equipment and supplies at the prices set forth in Attachment I for a period of **Twelve** months; thereafter, the contract may be renewed under the terms and conditions of this agreement at the sole option of the City on an annual basis for up to **Three** (**3**) additional **One** (**1**) year period(s). Contractor may increase prices for future renewal periods provided that:

Notice of price increases must be received, in writing, by the City at least **Sixty** (**60**) days prior to the expiration of each contract period in order for price increase to be effective as of the first day of the renewal period. Price increase letter shall be sent to the Buyer in Room 120, Municipal Services Building, 1401 JFK Blvd., Philadelphia, PA 19102 referencing bid number, contract number, period and showing item(s) description and applicable pricing. Failure to notify the City within this **Sixty** (**60**) day time frame shall result in the following:

the effective date of the price increase shall be sixty (60) days from the receipt of the price increase letter by the City;

or

if the letter is not received before the last day of the contract

period, the prices for the renewal period shall be the same as the prices for the previous contract period.

For each applicable renewal the price increase and/or decrease shall be based on the Consumer Price Index (CPI) for All Urban Consumers – Philadelphia (**August – August**) as published by the U.S. Department of Labor, Bureau of Labor Statistics.

In no event shall the price increase exceed 4% in any renewal period. The increase shall reflect the change to the CPI or the 4% cap, whichever is less.

4.2.12.2 **Maintenance Service:**

Contractor shall provide Maintenance at the prices set forth in Attachment I for period of twelve months; thereafter, service may be renewed under the terms and conditions of this agreement at the sole option of the City on an annual basis for additional **Three** (**3**) **One** (**1**) year period(s). Contractor may increase prices for the subsequent renewal period (s) provided that; notice of price increases must be received, in writing, by the City at least 60 days prior to the expiration of each contract period and price increase letter shall be sent to the Buyer, Room 120 Municipal Services Building, 1401 JFK Blvd., Phila., PA 19102, referencing the Bid #, Contract #, period and showing item(s), descriptions and applicable pricing.

In no event shall the increased prices exceed contractor's published charges for non-educational state and local governments on the effective date of the adjustment, under similar terms and conditions.

Failure to notify the City within this **Sixty** (**60**) day time frame shall result in the following:

the effective date of the price increase shall be sixty(60) days from the receipt of the price increase letter by the City:

or

if the letter is not received before the last day of the contract period, the prices for the renewal period shall be the same as the prices for the previous contract period.

NOTE: Price decreases may be forwarded to the Procurement Department buyer, in writing at any time during the contract period, to include any renewal period(s).

4.2.13 Failure to notify the City within the time frame specified in 4.2.12 will result in a commensurate delay in implementing the price change.

4.3 **VENDOR ACCEPTANCES – IN SUBMITTING AN EXECUTED BID, THE BIDDER AGREES TO THE CONTRACT MANAGEMENT PROCEDURES IN THIS SECTION.**

SECTION 5: PRICING

(PRICES QUOTED MAY NOT EXCEED THREE (3) DECIMAL PLACES)

NOTE:
Unit Price(s) quoted below (Section 5: Pricing), will prevail in case of any discrepancy(ies) between Unit Price and "Amount" and will be the determining factor in establishing applicable contract amount(s)/award.

SEE ATTACHMENT: CISM

All pages (1-68) must be returned with invitation and bid S9-5569-0 in order to be eligible for award. All pricing must be complete on Attachment I.

TYPE OF TRANSPORT:_____

BIDDER SHALL SPECIFY IF DELIVERY IS OTHER THAN 30 DAYS: _____

ATTACHMENT I: PRICING

(Prices quoted MAY NOT Exceed three (3) Decimal Places)

S9-Z5569-0 ATTACHMENT I -- CISM MATERIALS, SUPPLIES AND EQUIPMENT ("SUPPLIES") LIST

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	APC	AP5014	KVM Bracket Set for Rack LCD Monitor Keyboard Mouse		EA	1		
UPS	APC	AR8127BLK	19" Rotating Keyboard Drawer	Black	EA	2		
	APC	AP9607	Serial Interface Expander Card	2 Port Serial Interface Expander SmartSlot Card	EA	2		
	APC	AR8109BLK	2U Blanking Panel Kit	Black, Quantity 2	KT	2		
	APC	AP7900	APC Rack PDU (8) 5-15		EA	2		
	APC	AP7931	Power Distribution Kit (16) 5-15		EA	2		
	APC	AR8390	Netshelter Grounding Kit		KT	2		
	APC	AR8426	2U Horizontal Cable Organizer		EA	2		
	APC	AR8428	2U Horizontal Cable Organizer w/ Pass Thru	Black	EA	2		
	APC	AR8427	2U Patch Cord Organizer		EA	2		
	APC	AP9278	8 Port KVM Switch PC (USB & PS/2) and Sun Compatible		EA	2		
	APC	AR3100BLK	19" wide Network Equipment Cabinet	42U Premium Base Enclosure Black	EA	5		
	APC	AR100	Netshelter -13U		EA	5		
	APC	AR3107	Cabinets with removeable side walls, front and back doors are mesh.		EA	2		
	APC	*AR210BLK	19" wide Network Equipment Cabinet	42U Premium Expansion Enclosure Black	EA	10		
	APC	*AP9420	APC Enterprise Manager 100 node		EA	1		
	APC	AP9414U	APC Enterprise Manager Upgrade 100 node		EA	1		
	APC	MXA008	APC Matrix	UPS Smartcell 4 ft Extender Cable Kit	EA	4		
	APC	*AP9215	APC POWERVIEW UPS MGMT DISPLAY RACK MOUNT		EA	4		
	APC	AP5017	17" Rack LCD Monitor Keyboard Mouse		EA	2		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	APC	ACF 501	Roof Fan Kit		EA	2		
	APC	3363MP-12B	12 Port Cat 5e Patch Panel		EA	2		
	APC	SUA1500RM2U	UPS 1500VA RM 2U 120V		EA	1		
	APC	SU1500RMXL2U	APC Smart	UPS 1500 RM XL 5U 208V, (2) L6 30R, (1) L6 20R, (2) 5 15R	EA	1		
	APC	SU2200RMXLTNET	APC Smart	UPS XL 2200VA RM 5U 208V	EA	1		
	APC	P/N SYBT2	Symmetra RM 2-6k VA battery module	VA battery module	EA	1		
	APC	SUM3000RMXL2U	APC Smart	UPS XL Modular 3000VA 120V Rackmount/Tower ; 1yr warranty	EA	1		
	APC	SYOPT5	APC Symmetra 15ft Extender Cable for 208/240V Tower Battery Cabinet		EA	1		
	APC	SY16KRFSH	APC Symmetra 16kVA Tune	UPS	EA	1		
	APC	SYBATT	APC Symmetra 4	16kVA Battery Module	EA	1		
	APC	SYPM	APC Symmetra 4	16kVA Power Module (4kVA)	EA	1		
	APC	SYRIM2	APC Symmetra 4	16kVA Redundant Intelligence Module	EA	1		
	APC	SYXRBC1	APC Symmetra Basic 10	Battery XR Frame	EA	1		
	APC	SYXRBC2	APC Symmetra Basic 20	Battery XR Frame	EA	1		
	APC	SYXRBC3	APC Symmetra Basic 30	Battery XR Frame	EA	1		
	APC	SYMIM2	APC Symmetra Main Intelligence Module 2		EA	1		
	APC	SMARTCELLXR	SMARTCELLXR		EA	1		
	APC	AP9600	SmartSlot Expansion Chassis		EA	1		
	APC	AP9604	SmartSlot Triple Chassis		EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	APC	AP9604BLK	Triple Chassis,Black		EA	1		
	APC	AP9612TH	UPS Environmental Monitoring SmartSlot Card		EA	1		
	APC	AP9619	UPS Network Management Card w/ Environmental Monitoring		EA	1		
	APC	AP9850	KVM Cable for PC servers (PS/2, VGA) - 10 ft/2.5m		EA	1		
	APC	AP9851	KVM Cable for PC servers (PS/2, VGA) - 25 ft/6.3m		EA	1		
	APC	AP9852	KVM Pairing Cable Kit 3ft/0.9m		EA	1		
	APC	AP9853	KVM Cable for Sun servers (Sun, VGA) - 15 ft/4.6m		EA	1		
	APC	AP9854	KVM Cable for Sun servers (Sun, 13W3) - 15 ft/4.6m		EA	1		
	APC	AP9855	KVM Cable for USB servers (USB, VGA) - 12 ft/3.7m		EA	1		
	APC	AP9207	Share-UPS		EA	1		
	APC	940-0020B	Serial/Share-UPS cable		EA	1		
	APC	AR8210BLK	Roof Fan Tray (120 VAC) Black		EA	1		
	APC	AP9513	Door Switch Kit		EA	1		
	APC	AP9225EXP	MasterSwitch plus exp, 1U, 15A		EA	1		
	APC	SYA16K16P	Symmetra LX 16kVA		EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
CCTV	Pelco	CM9760-MXB	Pelco Matrix Bay		EA	4		
	Pelco	CM9760-CC1	Pelco Matrix CPU		EA	2		
	Pelco	CM9700-CC1	Matrix CPU		EA	1		
	Pelco	CM9760-HS	Matrix Hotswitch		EA	1		
	Pelco	CM9760-RPC	Rear Channel Card - output BNC's		EA	1		
	Pelco	CM9760-KBR	Pelco Matrix Keyboard		EA	7		
	Pelco	CM9760-CCS	Pelco Matrix CPU Changeover		EA	3		
	Pelco	CM9760-CCS-PNL	Pelco Matrix Switcher Patch Panel		EA	3		
	Pelco	CM9760-CDU-T	Pelco Matrix Switcher Code Distribution Unit		EA	4		
	Pelco	CM9760-DT4	Pelco Matrix Switcher Data Translator RS422		EA	1		
	Pelco	CM9760-ALM	Pelco Matrix Switcher Alarm Interface Unit		EA	4		
	Pelco	CM9760-VCC	Video Matrix 16 Input Card for 9760		EA	4		
	Pelco	CM9760-VMC16	Pelco Matrix Switcher Video Output Card 16		EA	5		
	Pelco	CM9760-MPS	Pelco Matrix Switcher Bay Power Supply Redundant		EA	7		
	Pelco	CM9760-RPM	Pelco Matrix Switcher Rear Panel BNC Card Monitors		EA	7		
	Pelco	CM9760-DFL	Downframe card and cable for looping inputs		EA	10		
	Pelco	CM9760-DFC	Downframe Card		EA	1		
	Pelco	CM9760-MDA	Distribution Amp		EA	1		
	Pelco	CM9760-DT	Pelco Matrix Switcher ASCII Translator		EA	7		
	Pelco	CM9760-SER	Pelco Matrix Switcher RS422 Serial Card		EA	7		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Pelco	PMC9A Monitor	9" color, high resolution (350 tvl), rack mountable. 120 VAC, NTSC.		EA	8		
	Pelco	PMC14F Monitor	14" color, high resolution, rack mountable. 120/230 VAC, NTSC/PAL.		EA	5		
	Pelco	PMC21A Monitor	21" color, high resolution, rack adaptable. 120/230 VAC, NTSC/PAL.		EA	2		
	Pelco	TLR096	Pelco VCR		EA	2		
	Pelco	MX4009CD Multiplexer	Color, Duplex 9-channel. NTSC/120V.		EA	2		
	Pelco	MX4016CD	Multiplexer, 16 channel, Color, duplex		EA	1		
	Pelco	SEB5100-9000	Endura Storage Expansion Box, 9.0TB Storage		EA	1		
	Pelco	SEB5100-6000	Endura Storage Expansion Box, 6.0TB Storage		EA	1		
	Pelco	WS5050	Endura PC Client (monitor not included)		EA	1		
	Pelco	CM9760MDD-EVS	CM9760 Matrix Digital Decoder		EA	1		
	Pelco	DVR5348-9000	Endura Digital Video Recorder - record up to 48 cameras; 9.0 TB storage		EA	1		
	Pelco	DVR5348-6000	Endura Digital Video Recorder- record up to 48 cameras; 6.0 TB storage		EA	1		
	Pelco	NET530IR	Endura Video receiver		EA	1		
	Pelco	MCS8-5B	Camera Power Supply 24VAC, 8 Inputs, 5 Amp		EA	1		
	Pelco	NVR5124-6000	Video Recorder		EA	1		
	Pelco	NET350T	IP Network Video Receiver		EA	1		
	Pelco	NET350R	IP Network Video Receiver		Ea	1		
	Pelco	CST150	Compact Field Device	TFT Microdisplay (800x225 pixel resolution)	EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
Digital Video Recording								
	Samsung	400DX	40" LCD Monitor	Minimums, resolutions: all at 60Hz, 800x600, 1024x768, 1280x768,1600x1200; typical brightness > 450 cd/m2; typical contrast ratio > 600:1; typical LCD response time <=15 ms; viewable image size = 40"; 3yr warranty including image retention	EA	10		
	Samsung	460DX	46" LCD Monitor	Minimums, resolutions: all at 60Hz, 800x600, 1024x768, 1280x768,1600x1200; typical brightness > 450 cd/m2; typical contrast ratio > 600:1; typical LCD response time <=15 ms; viewable image size = 46"; 3yr warranty including image retention	EA	10		
	Datavideo	FW-VIDC-FO3	DAC-100 Firewire Digital/Analog Video Capture-Converter			1		
	Nortel	AF0002E13	ASN2 Base Unit 32M AC Redundant Power (Includes North American power cord)	1yr warranty (24/7 on-site everyday, 4 hour repair)	EA	1		
	Nortel	AF0011005	32M DRAM field kit/8M or 16M to 32M field upgrade (previous order number 50028)		EA	1		
	Nortel	34000	Dual Ethernet Net Module		EA	1		
	Nortel	34010	Single 100BASE-T Net module		EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
VIDS	Nortel	AF2111005	Quad Sync Net Module Spare		EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Nortel	AA0011004	ASN2 Fast Packet Cache - Spare		EA	1		
	Nortel	AF0011024	ASN2 Rack Mount Replacement Kit		EA	1		
	Nortel	AF0008118-15.5	ASN Corporate Suite (16M PCMCIA)		EA	1		
LAN	Nortel	AF0008084	3DES - IPSEC Option for ASN for all currently supported versions of BayRS		EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Nortel	AP0000023-15.5	Site Manager CD-ROM		EA	1		
	Nortel	DS1404001-E5	8010 10-slot Chassis		EA	1		
	Nortel	DS1404025	Passport 8691SF Routing Switch Module CPU/Switch Fabric module - One required for per Passport 8000 Routing Switch chassis. Note: Includes PCMCIA flash memory card.	1yr warranty (9/5 on-site, next business day repair)	EA	1		
	Nortel	DS1404056	Passport 8648TXM Routing Switch Module. 48 port autosensing 10BASE-T/100BASE-TX Ethernet Layer 2 switching interface. Expanded	1yr warranty (9/5 on-site, next business day repair)	EA	1		
	Nortel	DS1404059-E5	Passport 8608GBM Routing Switch Module. 8-port 1000 Base GBIC (GBICs sold separately). Expanded memory.	1yr warranty (24/7 on-site everyday, 4 hour repair)	EA	1		
	Nortel	DS1404061-E5	Passport 8608GTM Routing Switch Module. 8 port 1000BASE-T Gigabit Ethernet interface module. Expanded memory.	1yr warranty (24/7 on-site everyday, 4 hour repair)	EA	1		
	Nortel	AA1403001-E5	1-Port 10GBase-LR/LW XFP, Support SM Fiber up to 10		EA	1		
	Nortel	AA1419001	1-port 1000Base-SX Gigabit Interface Converter (GBIC)		EA	1		
	Nortel	AA1419002-E5	1-port 1000Base-LX Gigabit Interface Converter (GBIC)		EA	1		
	Nortel	AA1419004	1-port 1000Base-ZX Gigabit Interface Converter (GBIC) - 70km		EA	1		
	Nortel	AA1419041	1-port 1000Base-T Gigabit Interface Converter (GBIC), 8-pin modular connector (RJ-45).		EA	1		
	Nortel	AA1419043	1-port 1000Base-T Small Form Pluggable (SFP), 8-pin modular connector (RJ-45).		EA	1		
	Nortel	AA1419069-E6	1-PORT 1000BASE-BX SFP GBIC, 1310NM WAVELENGTH		EA	1		
	Nortel	AA1419070-E6	1-PORT 1000BASE-BX SFP GBIC, 1490NM WAVELENGTH		EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Nortel	AA1419076-E6	1000BASE-BX, 40KM REACH, SFP GBIC, 1310NM WAVELENGTH		EA	1		
	Nortel	AA1419077-E6	1000BASE-BX, 40KM REACH, SFP GBIC, 1490NM WAVELENGTH		EA	1		
	Nortel	DS0011154	Wall Mount Bracket for VPN Router 1100		EA	1		
	Nortel	DS1402001-E5	8010 10 slot chassis. Includes chassis, dual backplane,two fan trays,RS232 cable for management console,rack mount kit,and cable guide kit. Requires at least one power supply,up to three power supplies supported.	1yr warranty (24/7 on-site everyday, 4 hour repair)	EA	1		
	Nortel	DS1405E03	8003ACPS 100-240 VAC Power Supply, at least one power supply required per 8003 3-slot chassis. (Includes North American power cord)		EA	1		
	Nortel	DS1405E08	8003ACPS 100-240 VAC Power Supply, at least one power supply required per 8003 3-slot chassis. (Includes North American power cord)		EA	1		
	Nortel	DS1411016	256MB SIMM CPU Memory Upgrade for 8690SF and 8691SF. This upgrade is REQUIRED for the 8690SF when running		EA	1		
	Nortel	DS1411022-E6	8000 Series 256MB PCMCIA flash memory card. For use with 8691SF, 8691SF/256, 8690SF and 8393SF modules.		EA	1		
	Nortel	DS1410003-4.1	Passport 8000 Routing Switch Software Kit (Includes v4.1 SW license, Device Manager, and complete SW documentation set). One license kit required per chassis. (Support		EA	1		
	Nortel	DS1410005-4.0	Optivity Switch Manager version 4.0.		EA	1		
	Nortel	DS1410015	Passport 8600 Advanced Diagnostics Tools (Includes Adv Diag Tools SW Lic and complete SW doc set).		EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Nortel	DS1404102-E6	8648GBRS 48 SFP Module		EA	1		
	Nortel	DS1404110-E6	8648GTRS 48 10/100/1000 Module		EA	1		
	Nortel	DS1404045	Alteon WSM. 4-port 1000BASE-SX Gigabit or 10BASE-T/100BASE-TX Ethernet Layer 4-7 Web Switching Module.	1yr warranty (24/7 on-site everyday, 4 hour repair)	EA	1		
	Nortel	DS1404055-E5	8632TXM 32-Port 10/100TX Module		EA	1		
	Nortel	DS1404066	8692SF Switch Fabric/CPU		EA	1		
	Nortel	DS1404063-E5	8630GBR 30-Port SFP GBIC Baseboard		EA	1		
	Nortel	DS1404067	Alteon WSM- 2Pk - High Availability Bundle - 2 X 4p Gig SX or 10/100BaseTX Layer 4-7 Intelligent Routing Modules.	1yr warranty (24/7 on-site everyday, 4 hour repair)	EA	1		
	Nortel	DS1404070	Alteon 8661 SSL Acceleration Module(SAM) for the Passport 8600. Secures web-based applications and business communications while enabling content networking features on secure sessions. Features 3,000 SSL Sessions per second, 260 Mbps and 64,000 Concurrent connections per module.	1yr warranty (24/7 on-site everyday, 4 hour repair)	EA	1		
	Nortel	DS1404088	Alteon Secure Content Switching Bundle - includes a single WSM & 8661SAM - Enables Content Networking Services on Secure	1yr warranty (24/7 on-site everyday, 4 hour repair)	EA	1		
	Nortel	DS1404092-E5	8648GTR 48-Port 10/100/1000 Routing switch module		EA	1		
	Nortel	DS1404097-E6	8612XLRS 12 XFP 10GE LAN		EA	1		
	Nortel	DS1405012-E5	8005AC 100-240 VAC 1140W/1462W Power Supply		EA	1		
	Nortel	DS1410026	8000 RTNG SWITCH SW LIC V5.0-PREMIER		EA	1		
	Nortel	DS1411012	8600 Console Cable.		EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Nortel	DS1411015	Passport 8000 Chassis MAC Address Upgrade Kit. License for reprogramming the chassis to a block of 4096 addresses for routed VLAN scaling.		KT	1		
	Nortel	DS1411017-E6	8010 CMHS FAN TRAP	For use with ERS8600 "RS"	EA	1		
	Nortel	DS1411020	8600 Alteon WSM & 8661SAM Console Cable.		EA	1		
	Nortel	DS1410005-3.0	Optivity Switch Manager (OSM) v3.0.0.0, supports PP1000, PP8000, BPS2000, Baystack 350, 380, 410, 420, 450, 460. Platforms: WIN 98, NT, 2000, XP and Solaris (v2.6, 2.7, 2.8). Includes SW lic and documentation.		EA	1		
	Nortel	DM1401096E5	VPN Router 1100, 5 tunnels, single 10/100 Enet, 4-Port Switch, 2 PCI slots, external auto-sensing power supply, Server software w/ (128bit) Encryption, No Power Cord, Nortel VPN Client for Windows.	1yr warranty (9/5 on-site, next business day repair)	EA	10		
	Nortel	DM0011079E5	Replacement power pupply for VPN Router 1010, 1050, & 1100 only. Does not include power cord.		EA	1		
	Nortel	DM0011116	64MB Compact Flash Card Upgrade (FIELD INSTALL), For use/sale in Contivity 1010, 1050, or 1100 only.		EA	10		
	Nortel	DM1011005E6	10/100 Ethernet Half Height Card (Field INSTALL), for use in the VPN Router (Contivity) 1100 only.		EA	1		
	Nortel	DM2111023E5	Single Port T1 w/CSU/DSU Half Height Card (FIELD INSTALL) for use in the VPN Router 1100 only.		EA	1		
	Nortel	AA0020035E6	Power Cord 10A/110-120V North America.		EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Nortel	DM1401147E5	VPN Router 1750, 5 tunnels, Dual 10/100 Ethernet LAN Port, 4 PCI Exp Slots, Server S/W w/(128-Bit) Encryption, Nortel VPN Client for Windows, No power cord.	1yr warranty (9/5 on-site, next business day repair)	EA	1		
	Nortel	DM0011085E5	VPN Router Security Accelerator Card (CSA). Supports AES and Diffie-Hellman in hardware. (FIELD INSTALL) for use in the VPN Router (Contivity)1740/1750/2700/4600/5000 only.		EA	1		
	Nortel	DM1011004E6	10/100/1000 Ethernet Card (FIELD INSTALL), for use in the VPN Router (Contivity) 600/1600/17x0/2600/2700/4600/5000 only.		EA	1		
	Nortel	DM0016002	Stateful Firewall license for the VPN Router (Contivity) 1600/17x0 platforms.		EA	1		
	Nortel	DM0016005	Advanced Routing License enables OSPF, VRRP, Differentiated Services, Bandwidth Management, ECMP, and IPSec Mobility for the VPN Router (Contivity) 1600/17X0 Series.		EA	1		
	Nortel	DM0016009			EA	1		
	Nortel	DM0016012	Advanced Routing License enables OSPF, VRRP, Differentiated Services, Bandwidth Management, ECMP, and IPSec Mobility for the VPN Router (Contivity) 1010, 1050, and 1100.		EA	1		
	Nortel	DM0016014	Contivity VPN Option License to provide 30 Tunnels on a Base Unit Contivity 10x0/1100. Includes Contivity VPN Client for Windows (128 bit).		EA	1		
	Nortel	DM0016015	Contivity VPN Option License to provide 500 tunnels on a Base Unit Contivity 17x0.		EA	1		
	Nortel	DM0016027	1050, 1100. Enables BGP functionality and all Advanced Routing and DLSw features; regardless of previous installs of any one of these license types.		EA	1		
	Nortel	DM0021001-4.85	Premium Routing License for VPN Router 1600, 17xx. Enables BGP functionality and all Advanced Routing and DLSw features; regardless of previous installs of any one of these license types. (See Note 1) (See Note 3)		EA	1		
	Nortel	DM0021017-2.3	Nortel Element Manager (Contivity Configuration Manager) 2.3, manages from 1 to 250 devices. Includes media kit, and license. Supports Windows, NT, Solaris. Includes embedded database.		EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Nortel	EB1639092E5	VPN Gateway 3050 - Fixed configuration-1U - Four 10/100/1000 ports. 50 User SSL VPN/IPsec license included. For additional licenses, see VPN Gateway Software Licensing.		EA	1		
	Nortel	EB1639124E5	VPN Gateway 3070 - Fixed configuration-1U - Four 10/100/1000 copper ports. 50 user SSL VPN/IPsec license included. For additional licenses, see VPN Gateway Software Licensing.		EA	1		
	Nortel	AL1001E05-E5	5520-48T Power 10/100/1000 Ethernet Routing Switch w/ 1 year 8 x 5 x Next business day Warranty		EA	2		
	Nortel	AL1001E07-E5	Ethernet Routing Switch 5530-24TFD		EA	1		
	Nortel	AL2001E15	Business Policy Switch 2000 Autosensing Policy Switch (24 10/100BASE-TX plus 1 MDA and 1 Cascade Slot) (Includes North American power cord) Limited Lifetime Warranty: for details see the warranty section of the Services Price Book.	1 Yr warranty (9/5 on-site, next business day repair)	EA	20		
	Nortel	AL2033012	BPS2000-4FX 4-port 100BASE-FX MDA w/mini MT-RJ-type connectors(for Business Policy Switch 2000 Switches).		EA	10		
	Nortel	AL2033013	BPS2000-2FX 2-port 100BASE-FX MDA w/SC-type connectors(for Business Policy Switch 2000 Switches).		EA	10		
	Nortel	AL2033015	BPS2000 2 port 1000BASE-T MDA (for Business Policy Switch 2000 Switches and OPTera Metro 1000 Series Ethernet Service Module).		EA	10		
	Nortel	AL2033016	BPS2000 2 port SFP GBIC MDA (for Business Policy Switch 2000 Switches and OPTera Metro 1000 Series Ethernet Service Module).		EA	10		
	Nortel	AA1419013	1-port 1000Base-SX Small Form Factor Pluggable GBIC (mini-GBIC, connector type: LC).		EA	1		
	Nortel	AA1419014	1-port 1000Base-SX Small Form Factor Pluggable GBIC (mini-GBIC, connector type: MT-RJ).		EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Nortel	AA1419015-E5	1-port 1000Base-LX Small Form Factor Pluggable GBIC (mini-GBIC, connector type: LC).		EA	1		
	Nortel	AA1419042	1-port 1000Base-T Gigabit Interface Converter (GBIC), 8-pin modular connector (RJ-45) for BayStack products only.		EA	1		
	Nortel	CV1001005	ARN Ethernet Base Unit (32M DRAM)		EA	1		
	Nortel	CV1001015	ARN 10/100M-TX UTP Base Unit (32M DRAM)		EA	1		
	Nortel	CV0008096-15.5	ARN Corporate Suite (16M PCMCIA)		EA	1		
	Nortel	CV0008066	3DES-IPSEC Option for BayStack ARN for all currently supported versions of BayRS		EA	1		
	Nortel	CV0004021	ARN Ethernet DCM		EA	1		
	Nortel	CV0004014	ARN Ethernet and Tri-Serial Expansion Module		EA	1		
	Nortel	CV0004026	ARN Ethernet and 7-Serial Expansion Module (see Note 1)		EA	1		
	Nortel	CV0004027	ARN 7-Serial Expansion Module(See Note 1)		EA	1		
	Nortel	CV0004020	ARN V.34 Modem Console Module (North America only)		EA	1		
	Nortel	CV0004001	ARN Serial Adapter Module		EA	1		
	Nortel	CV0004023	ARN T1/FT1 DSU/CSU Adapter Module (North America only) .		EA	1		
	Nortel	CV0011021	ARN Ethernet DCM Module Field Upgrade/Spare		EA	1		
	Nortel	AA0011005	16M Flash PCMCIA Card Spare - Formatted		EA	1		
	Nortel	CV0011027	4M, 8M or 16M to 32M DRAM SIMM Spare/Upgrade		EA	1		
	Nortel	CV0011011	ARN Tri Serial Expansion Module Field Upgrade/Spare		EA	1		
	Nortel	CV0011012	ARN Ethernet Expansion Module Field Upgrade Spare		EA	1		
	Nortel	DS1405E08	8003 ACPS 100-240 VAC Power Supply, at least one Power Supply required per 8003 3 slot chassis (Includes Nort American Power Cord)		EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Nortel	GN530000311	7X24X everyday 4-hour on-site Matenance for Alteon 2424		EA	4		
	Nortel	GU5300000345	Software Release Maintenance on WebOS Bandwidth Management		EA	1		
	Nortel	GU5300000596	Software Release Manitenance on WebOS protection License		EA	1		
	Bluecoat	SG510-10-PR		Proxy Edition	EA	1		
	Bluecoat	SVG-SG510-10-PR	Gold Service	1 year	EA	1		
	Bluecoat	SW-SSL-SG510-10			EA			
	Bluecoat	SG510-10	SSL License		EA			
	Bluecoat	BCWF-500-999	Software,bluecoat webfilter,500-999 users					
	Bluecoat	SVC-BCWF-500-999	Service, bluecoat webfilter,500-999 users	1 year	EA	1		
	ADTRAN	4200169L1	T1/FT1 Data Service/Channel Unit (DSU/CSU) with an integral embedded SNMP agent and optional dial backup (DBU) and ethernet SNMP port	TSU ESP with Ethernet; 1yr warranty (24/7 on-site everyday, 4 hour repair)	EA	1		
	ADTRAN	4202076L9	SNMP-Managed Integrated Access Device/ T1 Multiplexer with dual power supplies	TSU 600e w/Dual AC Power; 1yr warranty (24/7 on-site everyday, 4 hour repair)	EA	1		
	ADTRAN	1200055L1#HS	TSU DSX-1 Module Plug-in module	TSU DSX-1 Module plug in module	EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	ADTRAN	1200114L1	TSU DSX-1 Module Plug-on module	TSU DSX-1 Module plug on module	EA	1		
	ADTRAN	1200065L1	TSU Drop and Insert Module	TSU Drop and Insert Module	EA	1		
	ADTRAN	1200080L1#HS	TSU Dual FXS Plus (MW) Plug-in Module	TSU Dual FXS Plus (MW) Plug-in Module	EA	1		
	ADTRAN	1200082L1#HS	TSU Dual FXS Plus (MW) Plug-On	TSU Dual FXS Plus (MW) Plug-On	EA	1		
	ADTRAN	1200089L2#HS	TSU Multiport DBU Plug-in Module	TSU Multiport DBU Plug-in Module	EA	1		
	ADTRAN	1200103L2	TSU Dual FXO Plug-in Module	TSU Dual FXO Module	EA	1		
	ADTRAN	1200104L2	TSU Dual FXO Plug-on Module	TSU Dual FXO Module	EA	1		
	ADTRAN	1200230L1	TSU Dual OCU DP Plug-in Module	TSU Dual OCU DP Module	EA	1		
	ADTRAN	1200231L1	TSU Dual OCU DP Plug-on Module	TSU Dual OCU DP Module	EA	1		
	ADTRAN	1202300L1	TSU Quad FXS Plus Plug-in Module	2nd Generation Module	EA	1		
	ADTRAN	1202350L1	TSU Router Plug-in Module	TSU Router Plug-in Module	EA	1		
	ADTRAN	1202350L2	TSU Router Plug-on Module	TSU Router Plug-on Module	EA	1		
	BlackBox	SW622A-R2	ServSwitch Jr. KVM	Keyboard, Video, Mouse (KVM) for 4 PCs	EA	5		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	BlackBox	EHN051B-0010	ServSwitch Jr. KVM Cables	10ft cable for KVM	EA	20		
	Biscom	FaxCom 5100	Fax Server with NDS integration	4 Channel Windows 2000 Fax Server (4U rack-mount), 4 port analog fax board	EA	1		
	Raritan	SX DSXA-48-AC	Dominion 48 port serial console		EA	1		
	Raritan	P2-UMT1664M	64 port IP centric KVM base unit	64 port paragon 2	EA	1		
	Raritan	P2-UMT1664S	64 port IP centric KVM Stack unit	64 port paragon 2	EA	1		
	Raritan	P2-UMT242	42 port IP centric KVM base unit	42 port paragon 2	EA	2		
	Raritan	P2-UMT832M	32 port IP centric KVM base unit	32 port paragon 2	EA	2		
	Raritan	P2CIM-APS2	TRANSMITTER (PS2)	TRANSMITTER	EA	20		
	Raritan	P2CIM-APS2-32PAC	Transmitter (Bulk 32 units)	Transmitter	EA	1		
	Raritan	P2CIM-APS2-64PAC	Transmitter (Bulk 64 units)	Transmitter that supports automatic skew compensation	EA	1		
	Raritan	P2CIM-AUSB	Transmitter (USB)	Transmitter	EA	1		
	Raritan	P2-UST1P1	USER STATION	USER STATION	EA	5		
	Raritan	URKVMG	RECEIVER	RECEIVER	EA	5		
	Raritan	UKVMSPD	LOCAL PC CONNECTION	LOCAL PC CONNECTION	EA	1		
	Raritan	UKVMPD	PC CONNECTION	PC CONNECTION	EA	1		
	Qlogic	QLE-2460-CK	(HBA) Host Bus Adapters Single Port	Card for Server	EA	1		
	Qlogic	QLE-2462-CK	(HBA) Host Bus Adapters Dual Port	Card for Server	Ea	1		
	DELL	340-7240	LTO-1 Tape Drives	LTO1	EA	25		
	DELL	340-8701	LTO-2 Tape Drives	LTO2	EA	25		
		Dial Up	Dial up Internet Account	Internet Access 1 year	EA	1		
	Intel	PHILA8460C3	Intel Pro/100 S Desktop NIC Adapter			1		
	Intel	PWLA8492MT	PRO1000 MT Dual Port Server Adapter	PRO1000/10/100	EA	1		
	Intel	PWLA8490MT	PRO1000 MT Server Adapter	PRO1000/10/100	EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Nortel	7932	15 Foot 50 pin to male V.35 SCSI Cable			1		
	Interlink	VP2500	Durapoint Industrial Mouse			1		
	Interlink	VP2501	Durapoint Industrial Mouse, pointing Stick			1		
	Adtran	1200202L1	Duel Esp Mounting Shelf (stand alone)			1		
		26220001	LTO type magnetic data tape	200/400 Ultrium Tape	EA	20		
		26112090	DLT type head cleaning cartridge	Fujifilm DLT Cleaning Cartridge	EA	20		
		26200017	LTO type head cleaning cartridge	FUJIFILM LTO Ultrium x 1 - cleaning cartridge	EA	20		
	Apple	MA073LL/A	AirPort Extreme Base Station		EA	1		
			Personal Digital Assistant	Intel® 400 MHz processor with Xscale technology, 128	EA	5		
			Personal Digital Assistant GPS Add on module	Bluetooth enabled GPS iPAQ Navigation System	EA	2		
			Personal Digital Assistant Protective Cover	Zippered leather case	EA	5		
	Adaptive	9160C	LED Displays	Scroll messages; 1yr warranty	EA	10		
	Adaptive	4240C	LED Displays	Scroll messages; 1yr warranty	Ea	10		
	Adaptive	9080C	LED Displays	Scroll messages; 1yr warranty	Ea	10		
	Adaptive	1088-1114B	Alpha Etherent Adapter Kit II		Ea	10		
	Adaptive	11429002A	Controller Board for Adaptive 9160C LED		EA	1		
	Adaptive	11409013	Network Option Board for Adaprive 9160C Led		EA	1		
	Apple		MacBook Pro	Minimum requirements : 2.4 GH Intel Core 2 Duo processor or better, 2GB main memory, 200 GB hard drive, super drive; 3ry warranty	EA	15		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Apple		Mac Pro	Minimum requirements : 1 2.8ghz Intel Xeon processor or better, 2GB main memory, 320 GB hard drive, super drice, 2 x ATI Radeon HD 2600 XT 256MB; 3yr warranty	EA	12		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Apple		Mac Mini	Minimum requirements: Mac Mini with Intel processor, 1.83 GHZ or better with 2yr	EA	10		
	Apple		Mac Mini 2 year apple care extension	Apple Care Warranty	EA	10		
	Apple		MacBook Pro 2 year apple care extension	Apple Care Warranty	EA	10		
AODB	Apple		Mac Pro, 2 year apple care extension	Apple Care Warranty	EA	10		
	NEC		15inch CRT Monitor	PC inputs: Mini D-Sub 15 Pin;Video inputs: VGA; Minimum resolutions @ 60Hz	EA	20		
	NEC	LCD3210-BK	32" LCD	Minimums, resolutions: all at 60Hz, 800x600, 1024x768, 1280x768,1600x1200; typical brightness > 450 cd/m2; typical contrast ratio > 600:1; typical LCD response time <=15 ms; viewable image size = 32"; 3yr warranty including image retention	EA	1		
	NEC	LCD4020-BK-AV	40" LCD	Minimums, resolutions: all at 60Hz, 800x600, 1024x768, 1280x768,1600x1200; typical brightness > 450 cd/m2; typical contrast ratio > 600:1; typical LCD response time <=15 ms; viewable image size = 40"; 3yr warranty including image retention	EA	1		

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	NEC	LCD4620-BK-AV	46" LCD	Minimums, resolutions: all at 60Hz, 800x600, 1024x768, 1280x768,1600x1200; typical brightness > 450 cd/m2; typical contrast ratio > 600:1; typical LCD response time <=15 ms; viewable image size = 46"; 3yr warranty including image retention	EA	1		
	NEC	LCD5710-BK	57" LCD	Minimums, resolutions: all at 60Hz, 800x600, 1024x768, 1280x768,1600x1200; typical brightness > 450 cd/m2; typical contrast ratio > 600:1; typical LCD response time <=15 ms; viewable image size = 57"; 3yr warranty including image retention	EA	1		
	Peerless	6' field cut	1-1/2" Cord Wrap		EA	1		
	Peerless	4-6' Adjustable	1-1/2" Pipe Extension		EA	1		
	Peerless	JMW 2665	29" Clg. Mount		EA	1		
	Peerless	JMW 2665H	29" Wall Mount		EA	1		
	Peerless	FSP 1000	Adjustable Wall Mt.		EA	1		
	Peerless	PLA-1	Adjustable Wall Mt.		EA	1		
	Peerless	PLB-1	Clg Mount		EA	1		
	Peerless	PLCM-1CP	Clg Mount		EA	1		
	Peerless	CMJ470	Cig adapter		EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Peerless	ACC 666	CRT Strap		EA	1		
	Peerless	MIS-383	DDC Mount		EA	1		
	Peerless	MM7875	DDC Mount		EA	1		
	Peerless	PLP UN-1	Display Adapter		EA	1		
	Peerless	PLP-VESAPDA	Display Adapter		EA	1		
	Peerless	SF640	Fixed Wall Mount		EA	1		
	Peerless	SF660	Fixed Wall Mount		EA	1		
	Peerless	ST16D	Tilt Wall Mount		EA	1		
	Peerless	ST640	Tilt Wall Mount		EA	1		
	Peerless		Flat screen ceiling mount w/ tilt option		EA	1		
	Burr-Brown	TM8501-2020	Input Devices		EA	10		
	Lantronix	UDS-10	Terminal Servers		EA	10		
	HP	J3265A	HP JetDirect 500x Print Server		EA	5		
	HP	J3263A	HP JetDirect 300x Print Server		EA	5		
	HP	Data Distribution Servers (DDS)	Minimum Requirements: 2U rackmountable, 3.0 GHz Intel Xeon dual-core processor or better; 4 GB main memory, 2x300 GB hard drive, RAID 0 and/or 1, Dual network cards, iLO-2 card, DL 320 G5	5yr warranty; Next Business Day coverage; all required software licenses	EA	3		
	HP	Database/file server	Minimum Requirements: 2U rackmountable, 3 GHz Intel Xeon dual processor, dual-core or better; 16 GB main memory expandable to 256GB, 5x300 GB hard drive, RAID 5, Dual Network cards, iLO-2 card, DL 580 G5	5yr warranty;24x7 coverage with 4 hour response; all required software licenses	EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	HP	Active Directory/Web Server	Minimum Requirements: 2U rackmountable, 3.0 GHz Intel Xeon dual processor, dual-core or better; 4 GB main memory, 3x72 GB hard drive, RAID 5, Dual Network cards, iLO-2 card, DL 380 G5	5yr warranty; Next Business Day coverage; all required software licenses	EA	1		
	HP	EASE Server	Minimum Requirements: 2U rackmountable, 3 GHz Intel Xeon dual processor, dual-core or better; 4 GB main memory, 5x300 GB hard drive, RAID 5, Dual Network cards, iLO-2 card, DL 320 G5	5yr warranty;24x7 coverage with 4 hour response; all required software licenses	EA	1		
Common Use Equipment (EASE)		EASE Workstation	Minimum Requirements: Slim Profile, Intel or AMD processor 3 GHz or better, 1GB main memory, 80 GB hard drive or larger	3yr warranty; Next Business Day coverage; all required software licenses				
	Okidata		EASE Dot matrix printer	Okidata Microline 320 Turbo 9-Pin Printer	EA	10		
	Okidata	50114601	OKI Microline Turbo Printer Head		EA	1		
	Digi International	EIA422	Etherlite 162	Serial to Ethernet converter box	EA	8		
	Intergral Technologies		Flashpoint 4xl Lite	Image capture card with s-video, BNC and RCA inputs and VGA 15 pin D-sub output.	EA	3		
	MagTek Corporation	I380	Magstripe card encoders	Encodes magstripe cards with encypted data; encryption firmware proprietary to PHL; 1yr warranty	EA	1		
	PELCO	CC1400HZ16-2	ID Badging Camera	Digital CCD Color Camera	EA	1		
	PELCO	TF2000	Camera Power Supply	Single 24 VAC Camera Power Supply, Indoor	EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	UltraMagicard	Prima111/R-1000	Color Ribbon, YMCK 1000 Prints		EA	1		
	UltraMagicard	Prima/007-1000	Re-Transfer Film 1000 Prints		EA	1		
	UltraMagicard	Prima/005	Cleaning Kit 10 pads and cards		EA	1		
	UltraMagicard	Prima/138/E	Ultramagicard id badge printer	Magstripe encoder and contactless card encoder	EA	1		
	UltraMagicard		Ultramagicard id badge laminator unit	Prima2e	EA	1		
	UltraMagicard		Lamination Film, Clear		EA	1		
	Premier		ID Badge Security Stickers	Destructible Holofoil Tamper Seals, gold	per roll	10		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	ID Card System	3943-1020	Stapler-Style Slot Punch		EA	2		
	ID Scan		ScanShell 800, drivers license scanner			1		
Security & ID Badging								
	BAE Systems	** Item Only Avaliable purchased in Item 5.2.3	Permanent Noise Monitor	BAE SYSTEMS Permanent Noise Monitor, TA-40000A	EA	8		
	BAE Systems	** Item Only Avaliable purchased in Item 5.2.3	Portable Noise Monitor	BAE SYSTEMS Portable Noise Monitors	EA	4		
	BAE Systems	** Item Only Avaliable purchased in Item 5.2.3	Calibration Unit	Pistonphone Calibration Unit	EA	1		
	Nortel	NT8D02GA	Digital port line card		EA	1		
	Nortel	NT8D09BA	Analog port line card		EA	1		
	Nortel	NT5D12AG	Dual T1 (PRI) line card		EA	1		
	Fiber Options	S704VT-RST	4-CH VIDEO TX M/M RACK MNT.		EA	3		
	Fiber Options	S704VT-EST			EA	2		
	Fiber Options	S704VR-RST	4-CH VIDEO RX M/M RACK MNT.		EA	3		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Fiber Options	S701VT-EST	VIDEO TX M/M STAND ALONE		EA	2		
	Fiber Options	610P	POWER ADAPTER 117VAC IN 12VAC OUT		EA	2		
Telecomm	Fiber Options	S701VT-RST	VIDEO RX M/M RACK MNT.		EA	2		
	Fiber Options	S711D-RST2			EA	2		
	Fiber Options	S730DVR-RST1	VIDEO RX M/M RACK MNT.WITH DATA		EA	2		
	Fiber Options	S730DVR-RST2			EA	2		
	Fiber Options	S730DVT-EST1	VIDEO TX M/M STAND ALONE WITH DATA		EA	2		
	Fiber Options	S730DVT-EST2			EA	2		
	Fiber Options	S732DVR-EST1	Digital Video & Data Receiver, wall mount, 1 Fiber		EA	1		
	Fiber Options	S732DVR-RST1	Digital Video & Data Receiver, Rack Mount 1 Fiber		EA	1		
	Fiber Options	S732DVT-EST1	Digital Video & Data Transmitter, Wall Mount, 1 Fiber		EA	1		
	Fiber Options	S732DVT-RST1	Digital Video & Data Transmitter, rack Mount, 1 Fiber		EA	1		
	Fiber Options	S704VT-EST	4 channel stand alone multiplexer		EA	1		
	Fiber Options	614P	Power Supply		EA	1		
	Fiber Options	615P	POWER ADAPTER 117VAC IN 13.5VDC OUT		EA	4		
	Fiber Options	223D2-R/1B66	2-FIBER PROTOCOL B DATA INTRFACE TCVR - M/M RACK MNT		EA	4		
	Fiber Options	223D2/1B66	2-FIBER PROTOCOL B DATA INTRFACE TCVR - M/M STAND ALONE		EA	4		
	Fiber Options	501R			EA	1		
	Fiber Options	502R			EA	1		
	Fiber Options	503R			EA	1		
	Fiber Options	517R	CARD CAGE 17 CHANNEL		EA	2		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Fiber Options	517EPS	DUAL 5A POWER SUPPLY EXTERNAL		EA	4		
	Fiber Options	B7741AVT-RST	Audio/Video Transmitter over SM Fiber		EA	1		
	Fiber Options	B7741AVR-RST	Audio/Video Receiver over SM Fiber		EA	1		
	Fiber Options	S7704VT-RST	4 Channel Video transmitter over SM Fiber		EA	1		
	Fiber Options	S7704VT-EST			EA	1		
	Fiber Options	S7704VR-RST	4 Channel Video receiver over SM Fiber		EA	1		
	Fiber Options	S7711DT-RST2	Data Transmitter over Single Mode Fiber		EA	1		
	Fiber Options	S7711DR-RST2	Data Receiver over Single Mode Fiber		EA	1		
	Fiber Options	223D2L/1B66	2-Fiber Protocol B Data Interface TCVR-M/M		EA	1		
	Ditek	DTK-DP4P	Surge Protection		EA	1		
	Intellitouch	OHP 7000	Intellitouch Music On Hold Unit w/CD		EA	1		
	AT&T	210	Analog Telephone	Trimline Memory (Airport's White Courtesy Telephone_	EA	250		
	AT&T	952	Analog speakerphone	2 line, used in common use jetways	EA	100		
	Allentel	GB306V	Vandal resistant telephone	outdoor courtesy phone, stainless steel	EA	5		
	Allentel	GB259-VH-LH	Telephone insert for outdoor phone box	single line, stainless steel	EA	5		
	Ceeco	WPP-331-F	weatherproof, vandal resistant phone	Stainless Steel	EA	5		
	Nortel	AO348785	Handset Kit		EA	5		
	NORTEL	NTMN31BB66N	M3901 Single-line digital phone (platnum)		EA	25		
	NORTEL	NTMN32GA66N	M3902 Single-line digital phone with a display-based interface & hands-free capability (platnum)		EA	25		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
Telecomm - Telephone	NORTEL	NTMN32GA70	M3902 Single-line digital phone with a display-based interface & hands-free capability (charcoal)		EA	25		
	NORTEL	NTMN34GA66N	M3904 Multi-line digital speakerphone	supporting up to 12 lines, providing access to features via 5-line x 24-character	EA	100		
	NORTEL	NTMN37BA66N	M3900 Key Expansion Module	A 22-button add-on module that provides additional keys to the M3904 for line appearance, monitoring and	EA	5		
	NORTEL		Ip phone 1100 series Key Expansion Module	A 22-button (slate-on) module that provides additional keys to the M3904 for line appearance, monitoring and answering (platnum)	EA	5		
	NORTEL	1120E	IP Phone 1120E	Multi-line IP Phone supports 4 line/Programmmable feature keys, 14 fixed keys and four soft label keys.	EA	25		
	NORTEL	1140E	IP Phone 1140E	Multi-line IP Phone supports 12 line/Programmmable feature keys, 14 fixed keys and four soft label keys.	EA	25		
	NORTEL	2007	IP Phone 2007	Large 5.7" QVGA, 320x240 pixel, high resolution color touch screen converged	EA	25		
	NORTEL	NT6G00AE35	The Meridian 2250 Console for receptionist or operator	call answering/routing via a 4-line x 40-character LCD, with optional busy lamp field configuration (platnum).	EA	1		
	NORTEL	NT8D14BB	Universal Trunk Card		EA	1		
	NORTEL	NTMN68AA66N	Analog Terminal Adaptor	provides an analog connection directly through a M3900	EA	5		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Nortel	NT5D65CA-003	Local Mini Carrier Extender Card	Extender Card	Ea	1		
	Polycomm		Sound Station VTX 1000					
	Polycomm		SoundStation2	Direct Connect for Notel				
	Polycomm		VSX 5400 Presenter					
	Polycomm		SoundStation IP 6000					
		NTMN80AA	ATA TRANSFORMER		EA	5		
		MTMN71AA66	ATA RIBBON CABLE		EA	5		
			6' Grey modular handset cord	Flat, 4 conductor retractile handset cords with modular plugs on both ends. Compatible with all modular telephones. Wired 1:4. H4DU Style	EA	100		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			6' White modular handset cord	Flat, 4 conductor retractile handset cords with modular plugs on both ends. Compatible with all modular telephones. Wired 1:4. H4DU Style	EA	20		
			6' Black modular handset cord	Flat, 4 conductor retractile handset cords with modular plugs on both ends	EA	20		
		9200-06-A	6' Black modular handset cord	Flat, 4 conductor retractile handset cords with modular plugs on both ends	EA	20		

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			9' Grey modular handset cord	Flat, 4 conductor retractile handset cords with modular plugs on both ends. Compatible with all modular telephones. Wired 1:4. H4DU Style	EA	50		
			9' White modular handset cord	Flat, 4 conductor retractile handset cords with modular plugs on both ends. Compatible with all modular telephones. Wired 1:4. H4DU Style	EA	10		
			9' Black modular handset cord	Flat, 4 conductor retractile handset cords with modular plugs on both ends. Compatible with all modular telephones. Wired 1:4. H4DU Style	EA	10		
			15' Grey modular handset cord	Flat, 4 conductor retractile handset cords with modular plugs on both ends. Compatible with all modular telephones. Wired 1:4. H4DU Style	EA	30		
Telecomm - HANDSET CORDS			15' White modular handset cord	Flat, 4 conductor retractile handset cords with modular plugs on both ends. Compatible with all modular telephones. Wired 1:4. H4DU Style	EA	10		
			15' Black modular handset cord	Flat, 4 conductor retractile handset cords with modular plugs on both ends. Compatible with all modular telephones. Wired 1:4. H4DU Style	EA	10		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			7' Line Cord, Modular, silver satin	Flat, straight, 4 conductor line cord, D4BU style, both ends plugged. Compatible with all modular telephones.	EA	100		
			14' Line Cord, Modular, silver satin	Flat, straight, 4 conductor line cord, D4BU style, both ends plugged. Compatible with all modular telephones.	EA	100		
			25' Line Cord, Modular, silver satin	Flat, straight, 4 conductor line cord, D4BU style, both ends plugged. Compatible with all modular telephones.	EA	100		
			Bulk Line Cordage, 4-Conductor, 1000 ft spool	Satin Silver, flat, Bulk Line Cord; Conductors are 26 AWG, 7 Strand, Bare Copper Wire, PVC Insulated	SO	5		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			Bulk Line Cordage, 8-Conductor, 1000 ft spool	Satin Silver, flat, Bulk Line Cord; Conductors are 26 AWG, 7 Strand, Bare Copper Wire, PVC Insulated	SO	5		
			RJ11 plugs, 4 position, 100 per package	Unshielded, Unkeyed, body type standard, cable type flat.	Pk	200		
			RJ11 plugs, 6 position, 100 per package	Unshielded, Unkeyed, body type standard, cable type flat.	Pk	100		
			Cat 3 Mod Plug- RJ45 plugs, 8 position, 100 per package	Unshielded, Unkeyed, body type standard, cable type flat.	Pk	100		
Telecomm - Line Cords			Cat 5e Mod plug- RJ45 plugs, 8 position, 100 per package	Unshielded, Unkeyed, body type standard, cable type flat.	Pk	100		
	85-366		Cat 6e Mod. Plug- RJ45 plugs, 8 position, 25 per package	Unshielded, Unkeyed, body type standard, cable type flat.	PK	25		
			Category 5e network patch cable	5' length, outer color blue, eight conductor, wired for TIA-568A	EA	150		
			Category 5e network patch cable	10' length, outer color blue, eight conductor, wired for TIA-568A	EA	150		

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			Category 5e network patch cable	14' length, outer color blue, eight conductor, wired for TIA-568A	EA	150		
			Category 5e network patch cable	25' length, outer color blue, eight conductor, wired for TIA-568A	EA	150		
			Category 5e network patch cable	50' length, outer color blue, eight conductor, wired for TIA-568A	EA	150		
			Category 5e network patch cable	5' length, outer color yellow, eight conductor, wired for TIA-568A	EA	100		
			Category 5e network patch cable	10' length, outer color yellow, eight conductor, wired for TIA-568A	EA	100		
			Category 5e network patch cable	14' length, outer color yellow, eight conductor, wired for TIA-568A	EA	100		
Telecomm - Patch Cords			Category 5e network patch cable	25' length, outer color yellow, eight conductor, wired for TIA-568A	EA	100		
			Category 5e network patch cable	5' length, outer color red, eight conductor, wired for TIA-568A	EA	50		
			Category 5e network patch cable	10' length, outer color red, eight conductor, wired for TIA-568A	EA	50		
			Category 5e network patch cable	14' length, outer color red, eight conductor, wired for TIA-568A	EA	50		
			Category 5e network patch cable	25' length, outer color red, eight conductor, wired for TIA-568A	EA	50		
			Category 5e network patch cable	5' length, outer color gray, eight conductor, wired for TIA-568A	EA	30		

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			Category 5e network patch cable	10' length, outer color gray, eight conductor, wired for TIA-568A	EA	30		
			Category 5e network patch cable	14' length, outer color gray, eight conductor, wired for TIA-568A	EA	30		
			Category 5e network patch cable	25' length, outer color gray, eight conductor, wired for TIA-568A	EA	30		
			Category 5e network patch cable	5' length, outer color green, eight conductor, wired for TIA-568A	EA	50		
			Category 5e network patch cable	10' length, outer color green, eight conductor, wired for TIA-568A	EA	50		
			Category 5e network patch cable	14' length, outer color green, eight conductor, wired for TIA-568A	EA	50		
			Category 5e network patch cable	25' length, outer color green, eight conductor, wired for TIA-568A	EA	50		
			Category 5e network patch cable	5' length, outer color black, eight conductor, wired for TIA-568A	EA	30		
			Category 5e network patch cable	10' length, outer color black, eight conductor, wired for TIA-568A	EA	30		
			Category 5e network patch cable	14' length, outer color black, eight conductor, wired for TIA-568A	EA	30		
			Category 5e network patch cable	25' length, outer color black, eight conductor, wired for TIA-568A	EA	30		
			Category 6e Network patch cable	5' length, outer color blue	EA	30		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			Category 6e Network patch cable	10' length, outer color blue	EA	30		
			Category 6e Network patch cable	14' length, outer color blue	EA	30		
			Category 6e Network patch cable	25' length, outer color blue	EA	30		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	ADC	CACNS700-03-3	Campus Star Chassis with power supply		EA	1		
	ADC	CACLURS-02	SDSL Mod for Star Chassis CLU-RS		EA	1		
	ADC	CADS1	T1 Mod w/ CSU DS-1/CSU-RS	T1 Extension Module	EA	1		
	ADC	CARS-51-3	Campus RS SDSL SEL Modem w/ P/S & C	Desktop Version	EA	1		
	ADC	CAREX2	Ethernet card		EA	1		
	ADC	CACMU810-51	Management Unit		EA	1		
	Avaya	108 208 919	24 port patch panel (no wire management)	1100 RJ45 Modular to IDC Patch Panel, Active Pins All, Category Type Category	EA	10		
	Avaya	108 208 935	48 port patch panel (no wire management)	1100 RJ45 Modular to IDC Patch Panel, Active Pins All, Category Type Category	EA	5		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
Telecomm - Pairgain	Avaya	108 320 029	24 port patch panel w/ wire management	PATCHMAX PowerSUM RJ45 Modular to IDC Patch	EA	5		
	Avaya	108 320 045	48 port patch panel w/ wire management	PATCHMAX PowerSUM RJ45 Modular to IDC Patch	EA	5		
	Avaya	700 173 735	24 port patch panel Cat 6		EA	5		
	Avaya	700 173 743	48 port patch panel Cat 6		EA	5		
	Ortronics	PSD66U24	24 Port patch panel Cat 6		EA	5		
	Ortronics	PSD66u48	48 Port patch panel Cat 6		Ea	5		
Telecomm - Racks and Patch Panels	Allen Tel	AT55HM-1	Hinged Wall Mount Brackets 1.75"	Measure 19 inches (48.26cm) x 6 inches (15.24 cm) deep and are designed to provide smaller system requirements where a free standing rack is not required; Units come with Hinges and Mounting Hardware; EIA Standard Hole Patterns	EA	2		
	Allentel	AT55HM-3	Hinged Wall Mount Brackets 3.5"	Measure 19 inches (48.26cm) x 6 inches (15.24 cm) deep and are designed to provide	EA	1		
			Fixed wall mount rack	19"w, 24"h, 18"d; aluminum, black	EA	2		
			Rack shelf	Single-Sided Shelf, Non-Vented; 5.19 in H x 19 in W x15 in D; Black; for use in	EA	1		
			Standard 19" rack	7' h x 19" w x 3" d; aluminum, two posts	EA	2		
	Leviton	49253-lpm	Five-Ring Managers Low Profile Cord Manager	Cable Trays, Height 1.75 in, Width 19 in, Five-Ring Managers Low Profile Cord	EA	8		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			RG59 coaxial video cable, 1000 feet	75 ohm +/- 3 ohm impedance; 20 AWG, copper covered steel core, solid core	SO	2		
			RG59 coaxial video cable, plenum, 1000 feet	75 ohm +/- 3 ohm impedance; 20 AWG, copper covered steel core, solid core conductor with .032 inch diameter; Nominal Attenuation, Less than 9.31db loss per 100 feet at 1000MHz; Quad shielding: inner braid, aluminum foil tape covered by	SO	5		
			RG6 coaxial video cable, 1000 feet	75 ohm +/- 3 ohm impedance; 18 AWG, solid copper core conductor with .040 inch diameter; Nominal Attenuation, Less than 10.1db loss per 100 feet at 2250MHz; Quad shielding: inner braid, Bonded aluminum foil-polyester tape-aluminum foil	SO	2		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			RG6 coaxial video cable, plenum, 1000 feet	75 ohm +/- 3 ohm impedance; 18 AWG, copper covered steel core, solid core conductor with .040 inch diameter; Nominal Attenuation, Less than 8.2db loss per 100 feet at 1000MHz; Quad shielding: inner braid, Bonded aluminum foil-polyester tape-aluminum foil	SO	7		
	Coleman	9932110608	Mini Coax Cable 1000 Feet			1		
	Emerson	28-91057	Mini Coax BNC Connector		EA	1		
			RG59 BNC connector, 100 per package	75 ohm, gold plated center pin, crimp sleeve: hex .255 inch, Machined,nickel-plated body, for use with plenum and non-plenum cable	PH	5		
			RG59 mini - BNC connector, 100 per package	75 ohm, gold plated center pin, crimp sleeve: hex .255	PH	5		
Telecomm - Video cable			RG6 BNC connector, 100 per package	75 ohm, gold plated center pin, crimp sleeve: hex .360	PH	5		
			RG6 F connector, 100 per package	75 ohm, crimp sleeve: hex .360 inch, Machined,nickel-plated body, for use with plenum and non-plenum cable, meets SCTE IPS-SP-401 specification	PH	5		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Avaya	s110aw1-50	50 pair 110A block	Color coded A-Type Hardware Connecting Block, Wiring and Installation for Field Termination	PR	5		
	Avaya	107 059 891	100 pair 110A block (w/legs)	Color coded A-Type Hardware Connecting Block, Wiring and Installation for Field Termination	PR	10		
	Avaya	107 059 917	300 pair 110A block (w/legs)	Color coded A-Type Hardware Connecting Block, Wiring and Installation for Field Termination	PR	30		
	Avaya	107 256 661	50 pair 110D block (no legs)	Color coded A-Type Hardware Connecting Block, Wiring and Installation for Field Termination	PR	10		

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Avaya	107 059 909	100 pair 110D block (no legs)	Color coded A-Type Hardware Connecting Block, Wiring and Installation for Field Termination where depth is restrictive	PR	10		
	Avaya	107 059 925	300 pair 110D block (no legs)	Color coded A-Type Hardware Connecting Block, Wiring and Installation for Field Termination where depth is restrictive	PR	20		
	Avaya	107 831 133	110 Trough (w/legs)	Horizontal trough for routing patch cords and cross-connect wire. Used with 110 blocks with legs.	EA	5		
	Avaya	107 831 141	110 Trough (no legs)	Horizontal trough for routing patch cords and cross-connect wire. Used with 110 blocks without legs.	EA	5		
Telecomm - 110 Hardware	Avaya	103 801 239	C3 connecting block	Connecting block is color-coded, allowing rapid pair identification and termination.	EA	30		
	Avaya	103 801 247	C4 connecting block	Connecting block is color-coded, allowing rapid pair identification and termination.	EA	200		
	Avaya	103 801 254	C5 connecting block	Connecting block is color-coded, allowing rapid pair identification and termination.	EA	200		
	Avaya	103 895 504	Transparent label holder		EA	50		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Avaya	106 657 174	Labels (4 pair)	Blue	PR	50		
	Avaya	106 657 133	Labels (5 pair)	White	PR	50		
	Avaya	106 657 109	Labels (5 pair)	Green	PR	50		
	Avaya	102 689 569	B1 backboard (no legs)	Made of metal and has two closed, formed, plastic distribution rings which arranges jumper wires running between columns of wiring blocks. Serves as a horizontal trough for the wires and provides space to change the direction of jumpers.	EA	10		
	Avaya	102 405 113	B2 backboard (w/ legs)	Made of metal and has two closed, formed, plastic distribution rings which arranges jumper wires running between columns of wiring blocks. Serves as a horizontal trough for the wires and provides space to change the direction of jumpers.	EA	10		
	Avaya	107 831 133	Jumper trough (w/legs)	Horizontal trough for routing patch cords and cross-connect wire	EA	10		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Avaya	107 058 810	300 pair field terminated frame	110 Patch Panel System Terminal Blocks are used to terminate connectorized or raw-ended cable pairs	PR	5		
	Avaya	107 151 193	300 pair x connect frame	Metal panels equipped with distributing rings that provide the vertical paths for running patch cords or jumpers between 110 Patch Panel System Terminal Blocks	PR	5		
	Avaya	107 058 869	900 pair field terminated frame	110 Patch Panel System Terminal Blocks are used to terminate connectorized or raw-ended cable pairs	PR	5		
	Avaya	107 151 185	900 pair x connect frame	Metal panels equipped with distributing rings that provide the vertical paths for running patch cords or jumpers between 110 Patch Panel	PR	5		
	Avaya	110RD2	19" mounting bracket for 110D	110 Mounting Brackets are used for mounting the 110 Connector System hardware on a 19-in wide frame rack or a data cabinet.	EA	10		
	Avaya		Systimax cable, category 3, 1000 ft Box	4 pair, plenum, white	Box	20		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Avaya		Systimax cable, category 3, 1000 ft Box	4 pair, plenum, blue	Box	10		
	Avaya		Systimax cable, category 5e, 1000 ft Box	4 pair, plenum, white	Box	10		
	Avaya		Systimax cable, category 5e, 1000 ft spool	4 pair, plenum, blue	Box	20		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Avaya		Systimax cable, category 3, 1000 ft spool	25 pair, non plenum, gray	SO	2		
	Avaya		Systimax cable, category 3, 1000 ft spool	50 pair, non plenum, gray	SO	1		
	Avaya		Systimax cable, category 3, 1000 ft spool	100 pair, non plenum, gray	SO	1		
	Avaya		Systimax cable, category 3, 1000 ft spool	25 pair, plenum, white	SO	2		
Telecomm - Copper Cables	Avaya		Systimax cable, category 3, 1000 ft spool	50 pair, plenum, white	SO	1		
	Avaya		Systimax cable, category 3, 1000 ft spool	100 pair, plenum, white	SO	1		
	Avaya		Systimax cable, category 5e, 1000 ft spool	25 pair, plenum, white	SO	2		
	Avaya		Systimax cable, category 6e, 1000 ft Box	4 pair, plenum, blue	Box	5		
	Avaya		Systimax cable, category 6e, 1000 ft Box	4 pair, plenum, green	Box	5		
	Avaya		Systimax cable, category 6e, 1000 ft spool	25 pair, plenum, white	Sp	2		
	Avaya		Systimax cross connect cable, 1000 ft spool	1 pair, yellow/blue	Sp	30		
	Avaya		Systimax cross connect cable, 1000 ft spool	1 pair, white/blue	Sp	30		
	Avaya		Systimax cross connect cable, 1000 ft spool	1 pair, white/red	Sp	30		
	Avaya		Systimax cross connect cable, 1000 ft spool	2 pair, white/blue and white/orange	Sp	2		
			Aerial cable with steel leader, 1000 ft spool	outside plant, 6 pair, figure 8 with messenger, weather proof wire	Sp	1		
			Aerial cable without steel leader, 700 ft spool	outside plant, 6 pair, weather proof wire	Sp	2		
			Aerial cable without steel leader, 700 ft spool	outside plant, 2 pair, weather proof wire	Sp	1		
	Berk-Tek	10064548	Berk teck Category 6e cable 1000ft Box	4-pair, plenum, White	Box	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	BerK-Tek	10064547	Berk teck Category 6e cable 1000ft Box	4-pair, plenum Blue	Box	1		
	BerK-Tek		Berk teck Category 6e cable 1000ft Box	4-pair, plenum Green	Box	1		
	BerK-Tek		Berk teck Category 6e cable 1000ft Spool	25 pair, plenum white	Sp	1		
	BerK-Tek		Berk teck Category 6e cable 1000ft Spool	100 pair, plenum, white	Sp	1		
	Belden	8723	22 AWG 2 Pair Sheilded Cable 1000ft Spool	2 pair sheilded	Sp	1		
	Ortronics	OR-615SMFC-12P	12 port SM/F/O Patch panel E/Connector panels & SM bulk head connectors		EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Ortronics	OR-FC04U-P	72 Port Light Guide Shelf w/connector panels & bulk head connectors		EA	1		
	Ortronics	OR-60400129	Horizontal Wire Management		EA	1		
	Ortronics	OR-PHD66U12HM	Cat 6 12 Port Patch Panel		EA	1		
	Ortronics	OR-PHD66U48HM	Cat 6 48 port Patch panel		EA	1		
	Amp	5-229912-1	Amphennal connector for 25 pair cable	male end	PR	10		
	Amp	5-229913-1	Amphennal connector for 25 pair cable	female end	PR	10		
	Avaya	700 004 328	Multimode STII connector	Keyed ceramic fiber-optic connector plug, bayonet-type (ramped-latching) mounting arrangement.	EA	40		
	Avaya	700 004 864	Multimode STII coupling		EA	40		
	Avaya	700 007 024	Multimode SC connector - 900 µm	Field mountable, tuneable connector with domed zirconia ferrule for fiber alignment and push-pull hardware.	EA	40		
	Avaya	700 007 040	Multimode SC connector - 3.0 mm	Field mountable, tuneable connector with domed zirconia ferrule for fiber alignment and push-pull hardware.	EA	20		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Avaya	700 009 657	Multimode fiber optic cable, plenum, per foot	Inside plant, 2 strand, 62.5/125 µm fiber, gray; Meet or exceed ISO/IEC 11801 2nd Edition (type OM1), EN50173 2nd Edition (category OM1) and TIA/EIA-	FT	1000		
	Avaya	700 009 640	Multimode fiber optic cable, non-plenum, per foot	Inside plant, 2 strand, 62.5/125 µm fiber, gray; Meet or exceed ISO/IEC 11801 2nd Edition (type OM1), EN50173 2nd Edition (category OM1) and TIA/EIA-	FT	1000		
	Avaya	700 009 392	Multimode fiber optic cable, plenum, per foot	Inside plant, 12 strand, 62.5/125 µm fiber, gray; Meet or exceed ISO/IEC 11801 2nd Edition (type OM1), EN50173 2nd Edition (category OM1) and TIA/EIA-	FT	1000		
	Avaya	700 007 289	72 Strand LGS			1		
Telecomm - Fiber Optic Cable, Multimode	Avaya	700 005 903	Fiber Optic tool kit	Supplies for field assembly	KT	50		
	Avaya	700 002 181	Adhesive	Two bottles, Type 2	BO	10		

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Avaya	700 004 146	Primer	Two bottles, Type 2	BO	10		
	adirondack		Multimode jumper cable, st-st, 1 meter	Dual ST-Style to ST-Style Cable Assembly, 62.5/125µm Multimode, Polymer Ferrule,	EA	25		
			Multimode jumper cable, st-st, 3 meter	Dual ST-Style to ST-Style Cable Assembly, 62.5/125µm Multimode, Polymer Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	25		
			Multimode jumper cable, st-st, 5 meter	Dual ST-Style to ST-Style Cable Assembly, 62.5/125µm Multimode, Polymer Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	25		
			Multimode jumper cable, st-st, 7 meter	Dual ST-Style to ST-Style Cable Assembly, 62.5/125µm Multimode, Polymer Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	25		
			Multimode jumper cable, st-st, 10 meter	Dual ST-Style to ST-Style Cable Assembly, 62.5/125µm Multimode, Polymer Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	25		

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			Multimode jumper cable, sc-st, 1 meter	SC Duplex to Dual ST-style Cable Assembly, 62.5/125µm Multimode, Ceramic Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	25		
			Multimode jumper cable, sc-st, 3 meter	SC Duplex to Dual ST-style Cable Assembly, 62.5/125µm Multimode, Ceramic Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	25		
			Multimode jumper cable, sc-st, 5 meter	SC Duplex to Dual ST-style Cable Assembly, 62.5/125µm Multimode, Ceramic Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	25		
			Multimode jumper cable, sc-st, 7 meter	SC Duplex to Dual ST-style Cable Assembly, 62.5/125µm Multimode, Ceramic Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	25		
			Multimode jumper cable, sc-st, 10 meter	SC Duplex to Dual ST-style Cable Assembly, 62.5/125µm Multimode, Ceramic Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	25		
			Multimode jumper cable, sc-sc, 1 meter	SC Duplex to SC Duplex Cable Assembly, 62.5/125µm Multimode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	25		

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			Multimode jumper cable, sc-sc, 3 meter	SC Duplex to SC Duplex Cable Assembly, 62.5/125µm Multimode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	25		
			Multimode jumper cable, sc-sc, 5 meter	SC Duplex to SC Duplex Cable Assembly, 62.5/125µm Multimode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	25		
			Multimode jumper cable, sc-sc, 7 meter	SC Duplex to SC Duplex Cable Assembly, 62.5/125µm Multimode, Ceramic Ferrule, Riser (OFNR) Rated	EA	25		
			Multimode jumper cable, sc-sc, 10 meter	SC Duplex to SC Duplex Cable Assembly, 62.5/125µm Multimode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	25		
	Avaya	700 001 067	Singlemode ST Connector (ST II plus)	Keyed ceramic fiber-optic connector plug, bayonet-type (ramped-latching) mounting arrangement.	EA	100		
		700 011 067	Singlemode ST Connector (ST II)	Keyed ceramic fiber-optic connector plug, bayonet-type (ramped-latching) mounting arrangement.	EA	100		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Avaya	700 011 133	Singlemode STII coupling	Ensure the proper alignment of fiber	EA	100		
	Avaya	700 006 976	Singlemode SC connector - 900 µm	Field mountable, tuneable connector with domed zirconia ferrule for fiber alignment and push-pull hardware.	EA	100		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Avaya	760 004 317	Singlemode fiber optic cable, plenum,per foot	Inside plant, 2 strand, 9/125 µm fiber, gray; Meet or exceed ISO/IEC 11801 2nd Edition (type OM1), EN50173 2nd Edition	FT	1000		
	Avaya	760 004-408	Singlemode fiber optic cable, non-plenum, per foot	Inside plant, 2 strand, 9/125 µm fiber, gray; Meet or exceed ISO/IEC 11801 2nd Edition (type OM1), EN50173 2nd Edition	FT	1000		
	Avaya	760 004 358	Singlemode fiber optic cable, plenum,per foot	Inside plant, 12 strand, 9/125 µm fiber, gray; Meet or exceed ISO/IEC 11801 2nd	FT	1000		
			Singlemode jumper cable, st-st, 1 meter	Dual ST-Style to ST-Style Cable Assembly, 9/125µm Singlemode, Polymer Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	50		
Telecomm - Fiber Optic Cable, Single mode			Singlemode jumper cable, st-st, 3 meter	Dual ST-Style to ST-Style Cable Assembly, 9/125µm Singlemode, Polymer Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	50		
			Singlemode jumper cable, st-st, 5 meter	Dual ST-Style to ST-Style Cable Assembly, 9/125µm Singlemode, Polymer Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	50		
			Singlemode jumper cable, st-st, 10 meter	Dual ST-Style to ST-Style Cable Assembly, 9/125µm Singlemode, Polymer Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	50		

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			Singlemode jumper cable, sc-st, 1 meter	SC Duplex to Dual ST-style Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	50		
			Singlemode jumper cable, sc-st, 3 meter	SC Duplex to Dual ST-style Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) rated	EA	50		
			Singlemode jumper cable, sc-st, 5 meter	SC Duplex to Dual ST-style Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	50		
			Singlemode jumper cable, sc-st, 10 meter	SC Duplex to Dual ST-style Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) rated, Number of fibers 2	EA	50		
			Singlemode jumper cable, sc-sc, 1 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	50		
			Singlemode jumper cable, sc-sc, 3 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	50		
			Singlemode jumper cable, sc-sc, 5 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	50		

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			Singlemode jumper cable, sc-sc, 5 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	50		
			Singlemode jumper cable, LC to SC , 3 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	5		
			Singlemode jumper cable, LC to SC , 5 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	5		
			Singlemode jumper cable, LC to SC , 7 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	5		
			Singlemode jumper cable, LC to SC , 10 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	5		
			Singlemode jumper cable, LC to SC , 15 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	5		
			Singlemode jumper cable, LC to ST , 3 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	5		

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			Singlemode jumper cable, LC to ST , 5 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	5		
			Singlemode jumper cable, LC to ST , 7 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	5		
			Singlemode jumper cable, LC to ST , 10 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	5		
			Singlemode jumper cable, LC to ST , 15 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	5		
			Singlemode jumper cable, LC to LC , 3 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	5		
			Singlemode jumper cable, LC to LC , 5 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	5		
			Singlemode jumper cable, LC to LC , 7 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	5		

S9-Z5569-0 ATTACHMENT I -- CISM MATERIALS, SUPPLIES AND EQUIPMENT ("SUPPLIES") LIST

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			Singlemode jumper cable, LC to lc , 10 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	5		
			Singlemode jumper cable, LC to LC , 15 meter	SC Duplex to SC Duplex Cable Assembly, 9/125µm Singlemode, Ceramic Ferrule, Riser (OFNR) Rated, Number of fibers 2	EA	5		
	Avaya	700 007 222	LSS Fiber Optic Splice Shelf	144 strand shelf, used with two termination shelves or in splice-only applications to store individual mechanical or fusion splices.	EA	1		
	Comscope	9701161-00	Fiber shelf connector panel, 12 positions	Coupling panels accept ST, SC, Duplex SC, Duplex LC adapters.	EA	12		
		700 011 406	Fiber shelf connector panel, 6 positions	Coupling panels accept ST, SC, Duplex SC, Duplex LC adapters.	EA	36		
	Avaya	106 896 947	LIU Fiber Optic Lightguide Interconnection Units	12 position panel, terminates a maximum of 12 fibers or accommodates up to 12 fibers with CSL LightSplice or fusion splices	EA	5		
	Avaya	104 141 858	LIU Fiber Optic Lightguide Interconnection Units	Terminates up to 24 fibers using LC connectors and up to 12 fibers using STII+ or SC connectors	EA	10		
	Avaya	105 535 926	LIU Fiber Optic Lightguide Interconnection Units	Terminates a maximum of 24 fibers or accommodates up to 24 fibers with CSL LightSplice or fusion splices	EA	2		

S9-Z5569-0 ATTACHMENT I -- CISM MATERIALS, SUPPLIES AND EQUIPMENT ("SUPPLIES") LIST

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Avaya	760 033 928	Multimode Fiber Shelf (600 A1)	Frame mountable housing for terminating and/or splicing fiber optic cables and allows for organization of fiber	EA	2		
	Avaya	700 006 638	12 ST-EW panel (coup. Inc.)	Frame mountable housing for terminating and/or splicing fiber optic cables and allows for organization of fiber interconnects	EA	2		
Telcomm - Fiber Innerduct	Avaya	700 005 028	183 V1 lid cover	Clear Polycarbonate Lid Cover for 600A1 and 600A2 combination shelves	EA	2		
	Avaya	700 006 117	Fiber Optic Splice Kit	50 strand capacity	KT	4		
			heat shrink (3/4x4')	Heat Shrink, Thin, Black, Minimum Expanded I.D. (in) .750, Nominal Recovered Wall Thickness (in) .030, Shrink Ratio 2:1, Length (ft) 4, Mat Shrink Pakml, fin, Style	EA	4		
			heat shrink (1/2x4')	Heat Shrink, Thin, Black, Minimum Expanded I.D. (in) .750, Nominal Recovered Wall Thickness (in) .030, Shrink Ratio 2:1, Length (ft)	EA	4		

S9-Z5569-0 ATTACHMENT I -- CISM MATERIALS, SUPPLIES AND EQUIPMENT ("SUPPLIES") LIST

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
			heat shrink (3/8x4')	Heat Shrink, Thin, Black, Minimum Expanded I.D. (in) .750, Nominal Recovered Wall Thickness (in) .030, Shrink Ratio 2:1, Length (ft) 4, Material Polyolefin, Style Cross-Linked, Nominal Diameter/Size 3/8", Maximum Recovered I.D. (in) .375, Flammability Rating Flame Retardant	EA	4		
			heat shrink (1/4x4')	Heat Shrink, Thin, Black, Minimum Expanded I.D. (in) .750, Nominal Recovered Wall Thickness (in) .030, Shrink Ratio 2:1, Length (ft) 4, Material Polyolefin, Style Cross-Linked, Nominal Diameter/Size 1/4", Maximum Recovered I.D. (in) .375, Flammability Rating Flame Retardant	EA	4		
			1" plenum interduct, orange (per foot)	1" interior diameter, nonmetallic corrugated flexible conduit for use in plenum and riser applications. PVDF Resin, Orange, with 3/4" pull tape pre-installed	FT	1000		
			1.5" plenum interduct, orange (per foot)	1.5" interior diameter, nonmetallic corrugated flexible conduit for use in plenum and riser applications. PVDF Resin, Orange, with 3/4" pull tape pre-installed	FT	1000		
	MaxCell	MXC 3456XX1000	3" innerduct	3" MaxCell Innerduct	FT	1000		

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Avaya	104 206 701	8 position Termination Outlet	Wall mounted outlet, for applications requiring an 8 position/8 conductor jack.	EA	50		
	Avaya	107 321 721	RJ45 modular connector	Catergory 3, ivory	EA	200		
	Avaya	107 321 747	RJ45 modular connector	Catergory 3, gray	EA	25		
	Avaya	107 321 739	RJ45 modular connector	Catergory 3, white	EA	25		
	Avaya	108 232 737	RJ45 modular connector	Catergory 5e, ivory	EA	100		
	Avaya	108 232 695	RJ45 modular connector	Catergory 5e, black	EA	200		
	Avaya	108 232 745	RJ45 modular connector	Catergory 5e, white	EA	25		
	Avaya	108 232 778	RJ45 modular connector	Catergory 5e, blue	EA	25		
Telecomm - Jacks and Faceplates	Avaya	108 232 703	RJ45 modular connector	Catergory 5e, orange	EA	25		
	Avaya	700 206 667	RJ45 modular connector	Catergory 6e, black	EA	25		
	Avaya	700 206 725	RJ45 modular connector	Catergory 6e, white	EA	25		
	Avaya	700 206 758	RJ45 modular connector	Catergory 6, blue	EA	25		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Avaya	700 206 709	RJ45 modular connector	Catergory 6e, green	EA	25		
	Avaya	108 258 419	Faceplate, single, ivory	Flush-mounted simplex outlet faceplate	EA	25		
	Avaya		Faceplate, single, ivory, no window	Flush-mounted simplex outlet faceplate	EA	25		
	Avaya	108 168 477	Faceplate, duplex, ivory	Flush-mounted duplex outlet faceplate	EA	100		
	Avaya		Faceplate, duplex, ivory, no window	Flush-mounted duplex outlet faceplate	EA	100		
	Avaya	108 168 519	Faceplate, triplex, ivory	Flush-mounted triplex outlet faceplate	EA	100		
	Avaya		Faceplate, triplex, ivory, no window	Flush-mounted triplex outlet faceplate	EA	100		
	Avaya	108 168 550	Faceplate, quad, ivory	Flush-mounted quad outlet faceplate	EA	200		
	Avaya		Faceplate, quad, ivory, no window	Flush-mounted quad outlet faceplate	EA	200		
	Avaya	108-615-188	Faceplate, duplex, stainless steel	Stainless steel, duplex outlet faceplate	EA	25		
	Avaya	108 685 017	Faceplate, double gang, ivory, 8 port	Flush-mounted, double gang, 8 port faceplate	EA	5		
	Avaya	108 258 427	Faceplate, single, white	Flush-mounted simplex outlet faceplate	EA	25		
	Avaya	108 168469	Faceplate, duplex, white	Flush-mounted duplex outlet faceplate	EA	25		
	Avaya	108 168 501	Faceplate, triplex, white	Flush-mounted triplex outlet faceplate	EA	25		
	Avaya	108 168 543	Faceplate, quad, white	Flush-mounted quad outlet faceplate	EA	25		
	Avaya	108 685 025	Faceplate, double gang, white, 8 port	Flush-mounted, double gang, 8 port faceplate	EA	5		
	Avaya	107 067 860	Blank Inserts, ivory	See Windows file blank inserts	EA	100		
	Avaya	107 067 928	Blank Inserts, white	See Windows file blank inserts	EA	50		
	Avaya	107 984 007	Surface mount box, single gang	ivory	EA	100		
	Avaya	107 984 049	Surface mount box, double gang	ivory	EA	100		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Avaya	107 952 442	Surface mount box, quad gang	ivory	EA	100		
	Avaya	107 992 927	40A1 outlet	Surface mounted multimedia outlet box, for termination of fiber optic and/or copper	EA	10		
	Avaya	107 655 177	M14 multimedia outlet	Quadplex outlet with hood	EA	10		
	Viking	k1900-5	Auto dialer	Automatically dials preprogrammed number whenever associated	EA	10		
	Panduit	jbx3510-ei-a	Panduit single gang box	Low Voltage Surface Mount Outlet Box for low voltage and or fiber optic applications	EA	25		
	Ortronics	OR-TJ600-36	Cat 6 Jack Blue		EA	25		
	Ortronics	OR-TJ600-25	Cat 6 Jack Green		EA	25		
	Ortronics	OR-TJ600-99	Cat 6 Jack Ivy		EA	25		
	Ortronics	OR-TJ600-00	Cat 6 Jack Black		EA	25		
	Ortronics	OR 40300549-99	Singleport Faceplate		EA			
	Ortronics	OR 40300548-99	Double port faceplate		EA			

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Ortronics	OR 40300547-99	3 port faceplate		EA			
	Ortronics	OR-40300546-99	4 port faceplate		EA			
	Ortronics	OR-40300545-99	6 port faceplate		EA			
	AMP	221185-1	RG6 BNC		EA			
	Milestek	10-03001-204	RG59 BNC Connector	100 per pack		1		
	Gilbert	GF6AHS/USA	RG6 F Connector	100 per pack		1		
			Cable Tie, 3.9", 1000 per package	Locking, 3.9"L x .098"W x .043" Thick, Nylon 6.6, white	PH	3		
			Cable Tie, 8", 1000 per package	Locking, 8"L x .098"W x .043" Thick, Nylon 6.6, white	PH	3		
			Cable Tie, 7.4", 1000 per package	Locking, 7.4"L x .19"W x .052" Thick, Nylon 6.6, white	PH	3		
			Cable Tie, 11.5", 1000 per package	Locking, 11.5"L x .19"W x .052" Thick, Nylon 6.6, white	PH	3		
Telecomm - Video Cable & Connectors			Outdoor Cable Tie, 11.5", 100 per package	Locking, 11.5"L x .19"W x .052" Thick, UV inhibitor in nylon, black	PH	3		
			Cable Tie, screw mount	Elongated slot permits installing the screw and aligning mount with the cable bundle	EA	5		
		PLT3s-m White	11 1/2" 1000 count Tie Wraps	1000 per pack	PH	1		
		PLT2m-m 8"	Tie wraps thin white	1000 per pack	PH	1		
Telecomm - Misc. Hardware	Greenlee	84012	Anchor Kit	100 per pack	EA	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	3M	1700	3M 1710 Electrical Tape	Per Sleeve (10 rolls)	EA	1		
	Caddy	MPLS	Box Eliminators	100 per pack	PH	1		
	Panduit	LPMS-S8-C	Buttons	Pack of 100	PH	1		
	Panduit	TTS-35RX0	Panduit Velcro Strip, 10 per package	Hook & Loop Strip, 35' roll, .75" width, black	PH	1		
	Allentel	gb-13a	4" Metal Distrib Ring	Cross connect hardware, 4 7/8 in. x 1 7/8 in. x 3 1/8 in. x 2 3/4 in.	EA	20		
	Allentel	gb-13b	6" Metal Distrib Ring	Cross connect hardware, 6 1/8 in. x 3 1/8 in. x 4 3/8 in. x 3 3/4 in.	EA	20		
	Allentel	gb-13c	8" Metal Distrib Ring	Cross connect hardware, 8 1/2 in. x 5 1/8 in. x 6 3/8 in. x 3 3/4 in.	EA	20		
	Siemons	s66m1-50	50 pair 66 block	Field-Terminated M Series S66 Blocks	PR	5		
	Siemons	s66b4-3	3 Pair 66 block	Field-Terminated B Series S66 Blocks	PR	5		
	Siemons	s-89d	66 block bracket	Specialty Mounting Bracket for 66-M-1 or 66-M-2 connecting blocks	EA	5		
	Siemons	WM-3A	Recessed Cable Management		EA	1		
	Allentel	g183a1	Blue Backboard, 1/2 panel	Color coded system backboards, connector cables	EA	4		
	Allentel	gb183b1	Blue Backboard, Full panel	Color coded system backboards, connector cables	EA	4		

S9-Z5569-0 ATTACHMENT I -- CISM MATERIALS, SUPPLIES AND EQUIPMENT ("SUPPLIES") LIST

Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
	Reltec	F015218	Cross Connect Manager	8.5" x 6.6" equipped with (8) distribution posts, white	EA	4		
	Topaz Systems	T-LBK750-BHSB	SigLite LCD 4x3	electronic signature capture pad	EA	1		
	Video Assoiciates Lab	ValCAM - Pan/Tilt/Zoom	high end image acquisition systems for photo-id applications	USB connectivity	EA	1		
	GEFEN	EXT-USB-2-DVI	USB to DVI adapter	4 monitors to 1 computer	EA	1		
			Minimums: 45 - 50" LCD television with stereo speakers, component video, HDMI, Type F (CATV), S-Video and/or RCA video inputs; RCA L & R audio inputs, screen resolutions of 1080i in 16x9, 720p in 16x9 or 4x3, 480p and 480i in 4x3 format.	Wall mount bracket must be included and tilt on vertical access between 0 and 15 degrees at a minimum. 3yr parts and labor warranty.	EA	1		
	CMS	DKM-UX20M	Flat Panel Monitor Console with Fold-down LCD, Slide-out Keyboard Tray and Optical Mouse	2U form factor; 20.1" LCD panel with resolution up to 1600x1200; includes slide rail mounting brackets	EA	1		
	Raritan	ASCSDB25M	RJ-45(F) TO DB25(M) serial adapter		EA	1		
	Raritan	ASCSDB25F	RJ-45(F) TO DB25(F) serial adapter		EA	1		
	Raritan	ASCSDB9F	RJ-45 (F) to DB9 (F) serial adapter		EA	1		
	Raritan	ASCSDB9M	RJ-45 (F) to DB9 (M) serial adapter		EA	1		
5.2	Maintenance Service							

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
5.2.0	Sun Microsystems Inc	Sun 420R Server	1 year warranty from SUN Microsystems for existing AODB Test Server	Gold level support, 24x7 time period with 4 hour response	EA	1		
	Sun Microsystems Inc	Sun Fire V880 Server	1 year warranty from SUN Microsystems for existing AODB Production Servers	Gold level support, 24x7 time period with 4 hour response	EA	2		
	Sun Microsystems Inc	Sun StorEdge D1000 Disk Array	1 year warranty from SUN Microsystems for existing Dual Disk Arrays in a RAID 1+0 configuration	Gold level support, 24x7 time period with 4 hour response	EA	2		
	Sun Microsystems Inc	X5243A	Disk Drive	UltraSCSI 36.4GB 10,000 rpm hard drive	EA	8		
	Sun Microsystems Inc	X6724A	Disk Drive	36.4GB fibre channel hard drive	EA	10		
5.2.1		Digital Video Recording per para. 2.3.3			YR	1		
5.2.2		Closed Circuit Television per para. 2.3.4			YR	1		
5.2.3		Noise Monitoring System per para. 2.3.5			YR	1		
5.2.4		Fax Server System per para. 2.3.7			YR	1		
5.2.6		Nortel Telephone per para. 2.3.11			YR	1		

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Section	Manufacturer	Model #	Description	Special Features	Unit of Measure	Estimated Qty	Unit Price	Total Amount
5.2.7		Mercom (Verint) Recorder Support Services			YR	1		
	Contract Extras per para. 4.1.4 mark-up not to							

* Indicates obsolete part, replacement part listed and priced.

CITY OF PHILADELPHIA

PROCUREMENT DEPARTMENT

DATA PROCESSING AGREEMENT

Invitation and Bid No. S9Z55690

CITY OF PHILADELPHIA
PROCUREMENT DEPARTMENT

DATA PROCESSING AGREEMENT

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CITY OF PHILADELPHIA
PROCUREMENT DEPARTMENT
DATA PROCESSING AGREEMENT

1. SCOPE, EFFECTIVE DATE, AND TERM OF CONTRACT

The undersigned, hereinafter called "Contractor" or "Bidder," by signing the Invitation and Bid as provided in pages 1-51 of this Data Processing Agreement ("DPA"), agrees to furnish to the City of Philadelphia (the "City") the data processing and other equipment and products, the computer software, and/or the services that are described in the product and/or service specifications and requirements set forth in the Invitation and Bid, in accordance with such specifications and requirements, the Price Schedule, and the terms and conditions set forth in this DPA and elsewhere in the Invitation and Bid. Unless otherwise stated in an addendum issued by the Procurement Department, the Contract shall be effective as of the date set forth in Section I, *General Bid Submission*, of the Invitation and Bid (provided that all other conditions of a contract binding on the City, as set forth in Paragraph 25.i. below, are fully satisfied), and the initial term and renewal terms, if any, of the Contract shall be as set forth in such Section I.

2. DEFINITIONS - The following terms shall have the meanings specified for them, wherever they occur in this Data Processing Agreement (and, as applicable, elsewhere in the Invitation and Bid), whether or not they are capitalized. Such meanings shall be applicable to both the singular and plural of the term defined; whenever the context requires, words used in the singular shall be construed to mean or include the plural and vice versa; and pronouns of any gender shall be deemed to include and designate the masculine, feminine and neuter gender. The definitions and explanations set forth in this Paragraph 2 are an integral part of the terms and conditions of the Contract.

a. BID, BIDDER; CONTRACTOR - This Invitation And Bid, properly executed by the bidder and submitted to the Procurement Department in accordance with its requirements, constitutes the Bid. The Bidder is the entity submitting and signing, by its authorized signatory, the Invitation And Bid. The successful bidder, whose bid is signed by the Procurement Commissioner and becomes the Contract, is also referred to as the "Contractor."

b. CONTRACT - The Invitation And Bid, properly executed by the successful bidder as required below, shall become the Contract upon, but only upon, execution by the Procurement Commissioner and the satisfaction of all set forth in Paragraph 25.i. The Contract shall consist of all of the documents constituting the Invitation And Bid (as set forth in Paragraph 2.l), as executed by the bidder and the Procurement Commissioner, together with all Purchase Orders issued by the Procurement Department pursuant to the Contract; the term "Contract" shall refer collectively to such documents.

c. DATA PROCESSING AGREEMENT or DPA - The term "Data Processing Agreement" or "DPA" shall refer to that part of the Contract consisting of this document (Paragraphs 1-27 and pages 1-51 hereof), together with all exhibits and attachments hereto.

d. DAY- Calendar day, unless business day is specified

e. EQUIPMENT - An all-inclusive term which, depending upon the procurement, refers either to individual machines (including related components/devices) or to a complete data processing system or subsystem.

f. OPERATING SYSTEM SOFTWARE - All programs ordered with and innately necessary for the operation of the equipment ordered hereunder, as well as other programming generally made available by the equipment manufacturer without separate charge.

g. APPLICATION SOFTWARE - Any program that may be ordered under this contract that performs a specific functional application as required by the City.

h. UNMODIFIED APPLICATION SOFTWARE - Any application software ordered under this contract that can be installed or delivered without program code changes.

i. MODIFIED APPLICATION SOFTWARE - Any application software ordered under this contract that requires program code changes to meet City requirements prior to delivery or installation.

j. EQUIPMENT FAILURE - A malfunction in the equipment or software furnished hereunder.

k. INSTALLATION DATE - The date(s) set forth in the bid specifications by which Contractor must have delivered and installed and have ready for use by the City, the equipment, operating system software and/or application software identified in the bid specifications for "Delivery and Installation."

l. INVITATION AND BID - "Invitation and Bid" refers, collectively, to the documents by which bids are solicited for this procurement, including all of the following: (i) the form titled "Invitation And Bid" and bearing the "Bid No." for this procurement; (ii) this Data Processing Agreement ("DPA"); (iii) all attachments, exhibits, and appendices to such form and to this DPA; and (iv) all addenda to the Invitation and Bid issued by the Procurement Department. The terms "bid specifications," "bidding specifications," "bid requirements", and "bidding requirements" shall mean the Invitation And Bid wherever they are used in this DPA and elsewhere in the documents comprising the Invitation And Bid.

m. DELIVERY DATE - The date set forth in the Purchase Order and/or bid specifications by which Contractor must have delivered to the City's site the equipment, operating system software, and/or application software identified in the bid specifications for "Delivery."

n. MACHINE - An individual unit identified by type and model including model upgrades and features such as a processor, an additional memory unit, a tape unit, a card reader, a terminal, a controller, etc., unless the context requires individual reference to model upgrades and features.

o. MECHANICAL REPLACEMENT - The replacement of one machine for another occasioned by the mechanical condition of the machine being replaced.

p. PREVENTIVE MAINTENANCE - That maintenance performed by Contractor which is designed to keep the equipment and software in proper operating condition, and which is performed on a scheduled or unscheduled basis.

q. PRICE SCHEDULE - "Price Schedule" refers to Section 5 of the Invitation and Bid, titled "Pricing," where the Bidder is required to provide pricing is under the Invitation and Bid.

r. PRINCIPAL PERIOD OF MAINTENANCE (PPM) - Unless otherwise called for in the bid specifications, the PPM shall consist of ten (10) consecutive hours between the hours of 8 a.m. and 6 p.m. (local time), Monday through Friday (exclusive of national holidays observed by Contractor).

s. PRODUCT(S) - Equipment, operating system software, application software, and other products required under the Contract.

t. PURCHASE ORDER - The purchasing document, bearing the title "Purchase Order" and the number of the Contract, as signed by an authorized representative of the Procurement Department, that authorizes the Contractor to furnish and the City to pay for equipment, software, and/or services required under the Contract.

u. REMEDIAL MAINTENANCE - The maintenance performed by Contractor which results from equipment or software failure and which is performed as required, and therefore on an unscheduled basis.

v. SUBCONTRACTOR - any subcontractor or suppler to Contractor, at any tier.

3. CONTRACTOR COMMITMENTS, WARRANTIES AND REPRESENTATIONS

a. Any written commitment by Contractor within the scope of the Contract shall be binding upon Contractor whether or not incorporated into a Purchase Order. Failure of Contractor to fulfill any such commitment shall render Contractor liable for liquidated or other damages due under the terms of this DPA; except that if the Invitation and Bid provides different terms relating to liquidated damages, then such different terms shall govern with respect to liquidated damages only .

b. For the purposes of this DPA a commitment by Contractor includes:

(1) prices and options committed to remain in force over specified period(s) of time;

(2) any warranty or representation made by Contractor in a bid as to equipment performance or operating system software performance, application software performance, total systems performance, any other physical, design or functional characteristics of a machine, operating system software, application software, installation date or delivery date;

(3) any warranty or representation made by Contractor concerning the characteristics or items described in 3 b. (2) above made in any literature, descriptions, drawings or specifications accompanying or referred to in a bid;

(4) any modification of or affirmation or representation as to the characteristics of items described in 3b (2) above which is made by Contractor in writing during the course of discussions whether or not incorporated into a formal amendment to the bid in question; and

(5) any representation by Contractor in a bid supporting documents or other writing issued during the course of the bid or proposal review as to training to be provided, services to be performed, prices and options committed to remain in force over a fixed period of time, or any other similar matter regardless of the fact that the duration of such commitment may exceed the term of this DPA.

4. INVOICES; LEASE AND LEASE/PURCHASE TERMS

a. Invoices - Invoice requirements shall be as set forth in Section 4, *Contract Management*, of the Invitation and Bid.

b. Lease; Lease/Purchase

(1) Contractor shall render invoices (3 copies) to the City for monthly lease or lease/purchase payments in the month for which the charges accrue. No lease or lease/purchase charges shall accrue until after acceptance of the equipment and/or software pursuant to acceptance of the equipment and/or software pursuant to Paragraph 7 of this DPA. City will evidence its acceptance of equipment and/or software by written notice to Contractor. Invoices shall as a minimum provide:

(a) type and description of equipment or product;

(b) serial or other identification number;

(c) prompt payment discount, if applicable;

(d) City Purchase Order and contract numbers.

(2) Essential Use - It is the City's intent to make all lease or lease/purchase payments in connection with the equipment and/or software if funds are legally appropriated therefore, and in that regard City represents that the use of the equipment and/or software is essential to its proper, efficient and economic operation. City also represents that:

(a) it has every intent to do or cause to be done all things necessary to preserve this DPA and all related documents (if any) in full force and effect; and

(b) it has sufficient appropriations or other funds available to pay all amounts due during the current fiscal period.

(3) Authority and Authorization - City represents, covenants and warrants that:

(a) City is fully constituted political subdivision of the Commonwealth of Pennsylvania;

(b) the execution, delivery and performance by City of this DPA has been duly authorized by all necessary action on the part of the City;

(c) this DPA constitutes a legal, valid and binding DPA of City enforceable in accordance with its terms

(d) no further approval, consent or withholding of objections is required from any governmental authority with respect to this DPA;

(e) the entering into and performance of this DPA is not contrary to and does not violate any judgement, order, law, or regulation or constitute a default by City under any other DPA or instrument;

(f) with respect to this DPA, City has complied with all procurement and other legal requirements.

(4) Termination Due to Non-Appropriation

(a) In the event sufficient funds are not appropriated any future fiscal period of City for lease or lease/purchase payments due under the Contract, the City shall promptly notify contractor of such occurrence and this shall, in accordance with the provisions of Subparagraph 4.f. below, terminate as of the last day of the period for which a Purchase Order was issued by the Procurement Department, without penalty or expense to the City of any kind whatsoever.

(b) In the event of such termination, City shall peaceably surrender possession of the equipment and/or software to Contractor (or its designee) on the date of such termination, in the same condition as when delivered, subject to reasonable wear and tear. Notwithstanding the foregoing, it is City's intent that:

(1) it will not cancel this DPA under the provisions of this Subparagraph or Subparagraph 4.f. below if any funds are appropriated to the City department or agency for whom the equipment was acquired (hereinafter referred to as the "Ordering Department") for the acquisition, retention or operation of the equipment or other equipment or services performing functions similar to such equipment for the fiscal period in which such termination occurs; and

(2) that the Ordering Department will not give priority in the application of funds to any other functionally similar equipment or services.

Neither this Subparagraph nor Subparagraph 4.f. below will be construed so as to permit City to terminate the terms and conditions of this Subparagraph 4 for convenience or in order to acquire any other equipment or services for the Ordering Department to perform in essentially the same application for which the equipment is intended.

(5) Security Interest - City grants to Contractor, a purchase money security interest until City's payment of the last monthly lease or lease/purchase payment. City agrees to execute and deliver, so that Contractor may file or record, any documents reasonably requested by Contractor for the purpose of protecting and/or perfecting said security interest. In the event this DPA terminates as a result of non- appropriation of funds as specified in Subparagraph 4.f. below, the equipment and software (including title to the equipment) will pass from City to Contractor.

(6) Purchase Option - Upon written notice from the City to Contractor (which notice may, in City's sole discretion, be in the form of a Purchase Order issued to Contractor), and provided there is no Event of Default (as defined below in Subparagraph 4.b.(8) or any event which, with notice, could become an Event of Default, then existing,

City will have the right to fully satisfy its obligations under the lease or lease/purchase payment schedule with respect to any or all items of equipment and/or software by paying Contractor a concluding payment equal to the unpaid time balance calculated to delete any interest then unearned. Upon satisfaction by City of such payment obligations, Contractor will transfer any and all of its rights, title and interest in such equipment to City free and clear of any liens created by Contractor.

(7) Contractor's Right of Assignment

(a) Upon approval by the City, pursuant to Paragraph 17 of this DPA, Contractor shall have the right to assign the following rights and interests to its assignee (herein after referred to as "Approved Assignee").

(1) all of City's lease or lease/purchase payments due and to become due under the Contract;

(2) all of Contractor's right, title and interest in and to the equipment and other property described in the Contract; and

(3) all of Contractor's rights and remedies under the Contract, including the right to take all legal, equitable and other action necessary to enforce City's obligation.

(b) It is expressly understood and agreed that the Approved Assignee shall not assume, nor will it be liable for the performance of any of the obligations or liabilities of Contractor under the Contract; they all remain the responsibility of Contractor. However, it is also understood and agreed that the Approved Assignee shall not by virtue of any such agreement acquire any greater or better rights than Contractor has or would have had to payment under the Contract and that the Approved Assignee shall only be entitled to payments which are actually due or become due under the Terms and Conditions of the Contract.

(c) After approval by the City of proposed assignment, Contractor shall specify in writing the location to which the lease or lease purchase payments due and to become due under the Contract shall be forwarded; all lease or lease purchase payments shall continue to be made payable in the name of Contractor notwithstanding such approved assignment. City shall keep a complete and accurate record of all such assignments in a manner that complies with the Internal Revenue Code, Paragraph 103 (i), and the regulations promulgated hereunder.

(8) Default by City

(a) The term "Event of Default", as used herein, means the occurrence of any one or more of the following events:

(1) City fails to make any lease or lease/purchase payment as it becomes due in accordance with the terms of the Contract and/or Purchase Order, and such failure continues, after written notice thereof by Contractor, for a period longer than the City's standard payment cycle

(i.e. normally within 45-60 calendar days following receipt of proper invoices);

(2) City fails to perform or observe any other covenant, condition, or agreement to be performed or observed by it in connection with any lease or lease/purchase arrangements entered into hereunder and such failure continues for thirty (30) days after written notice thereof by Contractor.

(b) Upon the occurrence of any Event of Default, and as long as such Event of Default is continuing, Contractor may, at its option, exercise any one or more of the following remedies:

(1) By written notice to City, request City to promptly return the equipment to Contractor, whereupon City shall immediately return the equipment at City's expense and in the manner set forth in Subparagraph 4.b.(4) hereof, or Contractor, at its option, may enter upon the premises where the equipment is located and take immediate possession and remove the same;

(2) Sell or lease the equipment or sublease it for the account of City, holding City liable for all lease or lease/purchase payments due to the effective date of such selling, leasing or subleasing and for the difference between:

(a) The purchase price, rental and other amounts paid by the purchaser, lessee or sub- lessee pursuant to such sale, lease or sub lease; and

(b) the amounts payable by City hereunder.

(9) <u>Representations Regarding Government Use:</u>

(a) If vendor is utilizing tax exempt funds to finance the lease or lease purchase City represents, covenants, and warrants as follows:

(1) It will comply with the applicable information reporting requirements of the federal Internal Revenue Code, including but not limited to, the execution and delivery to contractor of information statements required thereby;

(2) It will not do, cause to be done, or fail to do any act that will cause the Contract, or any transaction hereunder, to be an arbitrage bond within the meaning of the applicable provisions of the federal Internal Revenue Code;

(3) It will not do, cause to be done, or fail to do any act that will cause the Contract, or any transaction hereunder, to be a private activity bond within the meaning of the applicable provisions of the federal Internal Revenue Code;

(4) It will not do, cause to be done, or fail to do any act that will cause the interest portion of the lease or lease/purchase payments to be or become subject to federal income taxation under the code;

(5) It will be the only entity to own, use and operate the equipment during the lease or lease/purchase term.

(b) Vendor agrees to prepare for the City's review and certification any reports regarding the lease or lease purchase payments required under the applicable Paragraph(s) of the code.

c. Monthly Rental/License Charges

(1) Payment for monthly rental or license charges if less than one month's duration shall be prorated at 1/30th of the monthly rental or license charge for each calendar day except that the 31st day of any month shall not be included in the computation.

(2) Contractor shall render invoices (3 copies) for monthly rental for license charges in the month following the month for which the charges accrue. Monthly charges shall not accrue until after acceptance of the equipment and/or software by the City. Invoices shall as a minimum provide:

(a) type and description of equipment or product;

(b) serial or other identification number;

(c) monthly charge for each time;

(d) total charges;

(e) City Purchase Order and contract numbers.

d. Maintenance Charges

(1) Payment for maintenance services less than one month's duration shall be prorated at 1/30th of the monthly maintenance charges for each calendar day except that the 31st day of any month shall not be included in the computation.

(2) Contractor shall render invoices (3 copies) for basic monthly maintenance charges in the month for which such charges accrue. Invoices shall provide as a minimum:

(a) type and description of each piece of equipment or product;

(b) serial number or other identification number

(c) basic monthly charge for each machine and feature;

(d) total charges;

(e) prompt payment discount, if applicable;

(f) City Purchase Order and contract numbers.

(3) In case of extra service charges (i.e., per-call maintenance), contractor shall render invoices in the month following the month for which such charges accrue. Invoices shall provide as a minimum:

(a) number of hours of extra service;

(b) extra service rate applied; and

(c) total extra service charges for the month.

(4) Extra service charges shall be computed in a minimum of fifteen (15) minute ~~or less~~ increments. A copy of the applicable malfunction incident report(s) shall accompany this invoice.

f. Fiscal Funding Limitation - Payment for items and/or services to be furnished hereunder after the end of the City's current fiscal year (i.e., after June 30th) is subject to Councilmanic appropriation of funds in each succeeding fiscal year of the City. In the event that City Council fails to appropriate the necessary funds for such items and/or services in any future fiscal year of the City, the Contract shall terminate automatically without penalty, cost or liability to the City as of the last day of the fiscal period for which an appropriation was received. Payment for items and/or services after the end of the City's current fiscal year will be made pursuant to Purchase Orders issued by the City in the following fiscal year.

5. DELIVERY/INSTALLATION DATES

a. Equipment

(1) Contractor shall deliver or install newly manufactured equipment (or equipment warranted as new), ready for set up or use, within 45 days of receiving the Purchase Order; or, if different delivery or installation dates are specified in the Purchase Order and/or Invitation and Bid, on or before the delivery or installation date(s) set forth in the Purchase Order and/or Invitation and Bid. The date(s) set forth in the bid specification may be changed upon mutual agreement of the parties in writing. All equipment must be furnished as originally manufactured without change, alteration or modification to the equipment or any of the internal components thereof.

(2) If the equipment is delivered or installed prior to the specified date, the City may elect to use the equipment and change the specified date accordingly.

(3) Any changes by the City to an order or any part thereof, may require the establishment of a new mutually agreed to delivery or installation date. The City may delay the delivery or installation date by notifying Contractor at least twenty (20) calendar days before the delivery or installation date previously established.

(4) The City shall provide Contractor reasonable access to the site for the purpose of delivering or installing the equipment on or before the specified date. Contractor shall specify in writing the estimated time required to deliver or install the equipment.

(5) Equipment to be installed shall not be considered ready for acceptance testing until:

(a) Contractor notifies the City in writing that the equipment is installed and ready for use;

(b) Contractor provides the City with the documentation of successful testing performed at the City's installation site which demonstrates that the equipment operates in accordance with the manufacturer's technical specifications;

(c) after review of the documentation the City agrees that the equipment is ready to begin the acceptance test.

(6) Equipment to be delivered will be set up by the City in accordance with the instructions furnished by the manufacturer.

(a) set up of the equipment by the City and beginning of the acceptance testing shall be done within the set up allowance period provided for by the manufacturer for the type equipment involved;

(b) where equipment to be delivered is to be used in conjunction with equipment to be installed by the Contractor, the beginning of the set up allowance period for the delivered equipment or the installation date of the installed equipment, whichever is later.

b. Software

(1) Contractor shall, as required in the Invitation and Bid and/or Purchase Order, deliver or install the required operating system software and/or ordered application software ready for set up or use, on or before the delivery or installation date(s) set forth in the Invitation and Bid and/or Purchase Order. The delivery or installation date(s) set forth in the bid specifications may be changed upon mutual agreement of the parties in writing. All operating system software and application software shall perform in accordance with the software manufacturer's technical specifications and Contractor's representations.

(2) Operating system software and/or application software to be installed shall not be considered ready for acceptance testing until:

(a) Contractor notifies the City in writing that the software is installed and ready for use;

(b) Contractor provides the City with the documentation of successful testing performed at the City's installation site which demonstrates that the software operates in accordance with the software manufacturer's technical specification;

(c) After review of the documentation, the City agrees that the software is ready to begin the acceptance test.

(3) Operating system software and/or application software to be delivered shall be set up and loaded by the City in accordance with the instructions furnished by the software manufacturer. Set up and loading of the software shall be done within five working

days following delivery or within the set up allowance provided by the manufacturer, whichever is later, provided that the equipment on which it operates has been classified by the City as being ready for acceptance testing.

c. Technical Reference Manuals - Contractor shall provide on or before the required delivery or installation date for the equipment, operating system software and/or application software, one (1) complete set of all applicable reference manuals. Unless otherwise expressly prohibited by the Contractor, said manuals may be reproduced by the City for its own internal use. For purpose of Paragraph 6. of this DPA, equipment and software shall not be considered delivered or installed if the aforesaid manuals have not been furnished to the City.

6. LIQUIDATED DAMAGES FOR DELAY

a. General - The delivery and/or installation date(s) for the equipment, operating system software and/or application software provide for the utilization of the equipment and software consistent with the timing schedule of the City's programs. If the equipment and software are not delivered or installed by the specified date(s), the delay will interfere with the proper implementation of programs utilizing the equipment and software to be acquired under the Contract, to the loss and damage of the City. Due to the nature of this matter, it would be impracticable and extremely difficult to fix the actual damages sustained in the event of any such delay. The parties acknowledge that in the event of any such delay the City will sustain damages, and they agree that in the event of any such delay Contractor shall pay the amounts set forth in this Paragraph as liquidated damages and not as a penalty.

b. Equipment

(1) If, on any scheduled delivery or installation date, Contractor has not delivered and/or installed (whichever is specified in the Purchase Order or elsewhere in the Contract) all ~~the~~ equipment that is scheduled for delivery or installation by such date (designated by type and model numbers, and including all features and accessories specified in the Purchase Order or elsewhere in the Contract), then Contractor shall pay to the City, as fixed and agreed liquidated damages, not as a penalty, for each calendar day's delay beginning with the scheduled delivery or installation date, one half of one per cent of the total amount of the Purchase Order(s) that apply to the equipment scheduled for delivery or installation by such date, whether or not the equipment was delivered and/or installed after such date, and whether or not other equipment required under such Purchase Orders was delivered and/or installed by the dates scheduled therefor. The City shall have the right, at its sole discretion, to deduct the amount of such liquidated damages from any invoice of Contractor under the Contract.

(2) If some, but not all, of the machines scheduled for delivery or installation are delivered or installed and the City uses any such delivered or installed machines, liquidated damages shall not accrue against the machines so used.

(3) If the delay is more than thirty (30) calendar days, then the City may, in its sole discretion, by written notice to Contractor (i) cancel the Purchase Order(s), in whole or in part, that apply to the equipment not timely installed and/or delivered, or (ii) declare Contractor in default and proceed in accordance with the provisions set forth in Paragraph 15 of this DPA. If the City terminates the right of Contractor to deliver or install and seeks to obtain substitute equipment, Contractor shall be liable for liquidated damages in the amount specified in Paragraph 6.b(1) until substitute equipment is delivered or installed, and, in addition, for all costs incurred by the City

to obtain the substitute equipment and for all other amounts due or payable to the City pursuant to Paragraph 15 of this DPA. If the City elects not to declare Contractor in default, then Contractor shall timely perform all Purchase Orders not cancelled by the City, and for Purchase Orders that are cancelled in part only, all obligations not cancelled. The remedies set forth in (i) and (ii) of this Subparagraph b.(3) shall not be exclusive, and the City's exercise of the remedy set forth in (i) shall in no way preclude the City from exercising any of its rights and remedies under Paragraph 15, *Default*, of this DPA.

(4) If the City is unable to use the equipment because Contractor failed to deliver or install (as applicable) the operating system software and/or application software ordered with the equipment on or before the delivery or installation date, and Contractor does not furnish other programming which the City accepts and agrees in writing would render the equipment usable, then, beginning with the applicable delivery or installation date, liquidated damages as specified in Paragraph 6.b.(1) shall apply in addition to the liquidated damages as specified in Paragraph 6.c. (1), until the City uses the equipment or until the Contractor provides the other programming which would render the equipment usable, whichever occurs first.

c. Software

(1) If Contractor does not deliver or install (as applicable) all operating system and/or application software ordered with the equipment as prescribed in Paragraph 5.b., on or before its scheduled delivery or installation date, Contractor shall pay to the City, as fixed and agreed liquidated damages, not as a penalty, three per cent of the monthly charge, or one half of one per cent of the one-time charge if there is no monthly charge, for each calendar day's delay in delivery or installation for each software item which is not delivered or installed as prescribed in Paragraph 5.b. In addition, the City may, at its option, delay the delivery or installation date of the equipment for which the software was ordered. The liquidated damages provided for in this Subparagraph 6.c.(1) shall not extend to chip-based firmware embedded in equipment, which shall be considered part of the equipment subject to Subparagraph 6.b for purposes of assessing liquidated damages.

(2) If the delay is more than thirty (30) calendar days, then the City may, in its sole discretion, by written notice to Contractor (i) cancel the Purchase Order(s), in whole or in part, that apply to the software item(s) not timely installed and/or delivered, or (ii) declare Contractor in default and proceed in accordance with the provisions set forth in Paragraph 15 of this DPA. If the City terminates the right of Contractor to deliver and/or install (as applicable) the operating system and/or application software and seeks to obtain substitute software, Contractor shall be liable for liquidated damages until substitute software is delivered or installed, and, in addition, for all costs incurred by the City to obtain the substitute software and for all other amounts due or payable to the City pursuant to Paragraph 15 of this DPA. If the City elects not to declare Contractor in default, then Contractor shall timely perform all Purchase Orders not cancelled by the City, and for Purchase Orders that are cancelled in part only, all obligations not cancelled. The remedies set forth in (i) and (ii) of this Subparagraph c.(2) shall not be exclusive, and the City's exercise of the remedy set forth in (i) shall in no way preclude the City from exercising any of its rights and remedies under Paragraph 15, *Default*, of this DPA.

(3) In the event the provisions of Paragraph 6.b.(2) are applicable and substitute equipment is delivered or installed, Contractor shall be liable for liquidated damages in the amount specified in Paragraph 6.c.(1) for the period of time between the original software delivery or installation date and the date the software for the substitute equipment is delivered or installed (as applicable).

d. Limitation - Unless otherwise provided elsewhere in the Contract, in no event shall the total of the combined liquidated damages for equipment and software for which Contractor may be liable under this Paragraph 6 exceed fifty-five (55) per cent of the total dollar amount of all Purchase Orders that apply to the software and/or equipment not timely delivered and/or installed.

e. Exception - Contractor shall not be liable for liquidated damages for delays due to causes which would relieve Contractor from liability for costs incurred by the City to procure substitute services, equipment, software, or other products, as provided in Paragraph 15.d, *Force Majeur Exceptions to Contractor Default*, of this DPA.

f. The City's right to, and receipt of, liquidated damages for delays as provided in this Paragraph is in addition to and not in limitation of any rights and remedies the City may have under the Contract, including but not limited to Paragraph 15 of this DPA.

7. STANDARD OF PERFORMANCE AND ACCEPTANCE

a. This Paragraph establishes a standard of performance which must be met before any equipment or software (operating system and/or application) is accepted by the City. This also includes field modification of a machine from one model to another and machines which are added or field modified after a system has completed a successful performance period. It shall not include field modifications not involving a model change, machines which are relocated by the City, or machines not maintained by Contractor.

b For equipment delivered by Contractor and for equipment and/or <u>required operating system software to be installed by Contractor:</u>

(1) The performance period shall begin on the date the equipment and/or software is installed, ready for use and shall end when the equipment and/or software furnished hereunder has met the standard of performance for a period of thirty (30) consecutive calendar days by operating in conformance with the manufacturer's technical specifications and Contractor's representations. It is understood that equipment shall not be deemed to have satisfied the standard of performance unless during the said thirty (30) consecutive calendar day period the equipment operates as described in this Subparagraph at an average effectiveness level of 90% or more.

(2) In the event the equipment and/or software (operating system) does not meet the standard of performance during the initial thirty (30) consecutive calendar days, the standard of performance test shall continue on a day-by-day basis until the standard of performance is met for a total of thirty (30) consecutive calendar days.

(3) If the equipment and/or operating system software fails to meet the standard of performance after one hundred twenty (120) days from the commencement of the performance period, the City may, in its sole discretion, terminate the applicable Purchase Order and/or proceed in accordance with the provisions of Paragraph 15, *Default*. In the event of such termination, Contractor shall, upon written notice by the

City, remove, by the date specified in the City's notice and at Contractor's sole expense, all equipment and/or software furnished under the terminated Purchase Order(s).

(4) The average effectiveness level for a system is the percentage figure determined by dividing the number of operational use time hours of the processor during the performance period by the number of such hours plus equipment failure downtime.

(5) After the equipment and/or software has completed a successful performance period, a machine which is field modified from one model to another, or is ordered for that system, shall be subject to a performance period which shall be determined in accordance with the provisions of Paragraph 7, but independently of processor or other machine downtime in the system. Should the actual hours be less than 100 and the average effectiveness level for such hours be 90 percent or more, the City shall accept the machine without additional simulated machine operational use time necessary to achieve a minimum of 100 hours of use time on that machine.

(6) Operational use time for performance testing for a system is defined as the accumulated time during which the processor is in actual operation, including any interval of time between the start and stop of the processor.

(7) Operational use time for performance testing of a field modified machine involving a model change or a machine added to a system, which has been accepted by the City, is defined as the accumulated time during which the machine is in actual use.

(8) During the performance period, equipment failures will be corrected by Contractor at no cost to the City.

(9) During a period when one or more machines are inoperable and the system is undergoing a performance test, the City may run jobs when such action does not interfere with maintenance of the inoperable equipment. The operational use time which accrues on the processor during this period shall be excluded from the system's effectiveness level computation. The downtime which accrues during this period shall be excluded from the downtime portion of the system effectiveness level computation.

(10) Machine failure downtime including downtime for added, field modified, substitute or replacement machines after a system has completed a successful performance period, is that period of time when such machines are inoperable due to their failure.

(11) Downtime for each incident shall start from the time the City makes a bona fide attempt to contact the Contractor's designated representative at the pre-arranged contact point and ends when the system or machine(s) is returned to the City in proper operating condition, exclusive of actual travel time required by contractors maintenance personnel but not in excess of one hour on the day such service were requested.

(12) During the performance period for a equipment and/or software, a minimum of 100 hours of operational use time with reproductive or simulated work will be required as a basis for computation of the average effectiveness level, exclusive of the periods covered by Paragraph 7.b.(9). However, in computing the average effectiveness level, the actual number of operational use hours shall be used when in excess of the minimum of 100 hours. In scheduling use during the performance period, the City

shall schedule enough hours to achieve the minimum 100 hours required and shall make provisions for preventive maintenance required for the system.

(13) The City shall maintain appropriate daily records to satisfy the requirements of this Paragraph 7.

(14) Equipment and/or software shall not be accepted by the City and no charges shall be paid by the City until the standard of performance is met except that, should the City delay the start of the performance period in accordance with the maximum 30-day delay provision in Paragraph 7.b.(16), amounts equal to Contractor's standard maintenance charges for the period between the installation date and the beginning of the performance period shall accrue and shall be paid promptly upon completion of a successful performance period. The date of acceptance shall be the first day of the successful performance period.

(15) Operational use time and downtime shall be measured in hours and whole minutes.

(16) Should it be necessary, the City may upon prior notice to Contractor to be confirmed in writing, delay the start of the performance period, but such delay shall not exceed thirty (30) consecutive calendar days, subject to the provisions in Paragraph 7.b.(14). The performance period must begin no later than the 31st day, unless otherwise agreed in writing between the City and the Contractor.

(17) When a system involves on-line machines which are remote to the basic installation, the required effectiveness level shall apply separately to the system and to each remote machine, unless the City and Contractor agree otherwise. When system configurations ordered by the City are so designed as to have characteristics which would prevent a successful attainment of the standard of performance, the Contractor will advise the City in writing within 15 days from Contractor's receipt of the order (unless a different period is specified in the Purchase Order or elsewhere in the Invitation and Bid) of any equipment or software which Contractor believes will not meet the standard of performance and therefore will not be considered for purposes of the standard of performance, warranty, or maintenance.

c. <u>For required operating system software to be delivered but not installed by Contractor:</u>

(1) Operating system software shall be accepted by the City provided that the installed software (i) successfully runs the manufacturer's diagnostic routines; (ii) operates in accordance with all applicable manufacturers specifications and all specifications and requirements set forth in the Invitation and Bid; (iii) fully conforms to all such requirements and specifications when operated together with the other software, and on the equipment, if any, furnished by the Contractor under the Contract; and (iv) if so required under the Purchase Order and/or Invitation and Bid, fully conforms to all such requirements and specifications when operated together with other software, and on equipment, that was not furnished by Contractor under this Contract.

(2) If any of the City's acceptance tests shall disclose deficiencies, the City shall notify Contractor in writing of the deficiencies, the City shall notify Contractor in writing of the deficiencies and Contractor (or such longer period as the City may authorize in writing) repair or replace the defective equipment and/or software and the City shall promptly thereafter reconduct the acceptance tests.

(3) Failure to meet the acceptance criteria specified above upon the second test shall, at the City's option, be deemed a default by Contractor and the City shall have all the rights afforded to it as are applicable on default hereunder.

d. For unmodified applications software to be installed or delivered by Contractor:

(1) Unmodified applications software shall be accepted by the City promptly after installation or delivery to the City site provided that the application software successfully runs the manufacturers diagnostic routines furnished hereunder by the Contractor.

(2) If any of the foregoing tests shall disclose deficiencies, the City shall notify Contractor in writing of the deficiencies and Contractor shall, within ten (10) calendar days after receipt of such notification (or such longer period as the City may authorize in writing), replace the defective application software, and the City shall promptly thereafter reconduct the acceptance tests.

(3) Failure to meet the acceptance criteria specified above upon the second test shall, at the City's option, be deemed a default by Contractor and the City shall have all the rights afforded to it as are applicable on default hereunder.

e. For modified applications software to be installed or delivered by Contractor.

(1) The successful Contractor and the City will develop a plan for acceptance testing of modified applications software.

(2) For each installation of modified applications software, or phase thereof, the Contractor and the City will, unless agreed otherwise in writing, proceed as follows:

(a) They will establish and document in writing the definition of elements of the application or phase thereof, as described in the Purchase Order or elsewhere in the Contract.

(b) They will establish a mechanism for review of the on-going development of the modified applications software, or phase thereof, to include review and feedback sessions between City and Contractor's personnel.

(c) They will conduct an initial testing of the modified applications software supervised by City personnel:

(1) Testing should take place at a Philadelphia area location with the hardware/software available locally or through dial up/leased lines.

(2) Representative test data shall be developed by the City approximating 2% of the total annual work volume for that phase of work.

(3) Entry of the test data shall be done by City personnel (or by Contractor personnel as an option selected by City) and results reviewed jointly by City and Contractor to determine further requirements.

(d) Upon completion of the programming changes as required by the initial testing, they will conduct a secondary test of the modified application software supervised by City personnel:

(1) Testing should take place at a Philadelphia area location with the hardware/software available locally or through dial up/leased lines.

(2) Representative test data shall be developed by the City approximating 7% of the total annual work volume for that phase of work.

(3) Entry of the test data shall be done by City personnel (or by Contractor personnel as an Option selected by City) and results reviewed jointly by City and Contractor to determine further requirements.

(3) Acceptable completion of secondary testing for the modified applications software or each phase thereof, shall be required prior to final acceptance testing.

f. Final acceptance testing:

(1) Upon completion of the programming changes as required by the secondary testing, the Contractor shall undertake all measures necessary to initiate acceptance testing as outlined in Subparagraph 5.b.(2).

(2) The performance period shall begin on the date the modified applications software, or phase thereof, is installed or delivered ready for use and shall end when the applications software furnished has met the standard of performance for a period of thirty (30) consecutive calendar days by operating in conformance with the City requirements and Contractors representations.

(3) In the event the modified applications software does not meet the standard of performance during the initial thirty (30) consecutive calendar days, the standard of performance test shall continue on a day-by-day basis until the standard of performance is met for a total of thirty (30) consecutive calendar days.

(4) If the modified applications software fails to meet the standard of performance after ninety (90) days from the commencement of the performance period, the applications software or phase thereof shall be remanded to the Secondary testing level, and Contractor may be subject to the provisions of Subparagraph 6.c.

(5) Upon being remanded to the secondary testing level, the City shall notify Contractor in writing of the deficiencies and Contractor shall make the additional modifications necessary to meet City requirements prior to initiating a second final acceptance test.

(6) The City shall maintain appropriate daily records to satisfy the requirements of this Subparagraph and shall provide the Contractor opportunity during the performance period to conduct further modifications as may be necessary to meet City requirements. The City shall notify the Contractor in writing of the date of the first day of the successful performance period.

(7) Modified applications software shall not be accepted by the City and no charges shall be paid by the City until the standard of performance is met. The date of acceptance shall be the first day of the successful performance period.

(8) Should it be necessary, the City may delay the start of the performance period, but such delay shall not exceed thirty (30) consecutive calendar days.

(9) The majority of testing should take place at a site within a 25-mile radius of Philadelphia. If the Contractor proposes any testing outside this radius, the Contractor will be required to bear the costs of all travel and lodging (including meals) expenses for the City employees in such off-site testing.

(10) Failure to meet the acceptance criteria specified upon the second test shall, at the City's option, be deemed a default by the Contractor and the City shall have all the rights afforded to it as applicable on default hereunder.

g. When an integrated system is ordered incorporating equipment, operating system software, and applications software, the system shall not be deemed accepted until all items meet acceptance criteria.

8. WARRANTY

a. The warranty period for all equipment, operating system software and application software furnished hereunder shall be ninety (90) days commencing upon acceptance of the equipment and software by the City; provided, however (i) if the manufacturer's standard warranty is longer than ninety (90) days for any item of equipment or software furnished under the Contract, then such longer warranty period shall apply; and (ii) if a warranty period is specified in the Purchase Order or in the Invitation and Bid, then such warranty period shall apply whether or not it is longer than ninety (90) days and whether or not it is longer than the manufacturer's standard warranty; and (iii) if the warranty period expires on a Friday or Saturday, it will be extended by either two days or one day respectively, so that the last day of such warranty period will be on a Sunday. Subject to the limitations of Paragraph 8.c. below, during the warranty Contractor shall, without cost or expense to the City, repair or replace equipment, operating system software, and/or application software as may be required to maintain the same in good working order and in conformance with the manufacturer's technical specifications, Contractor's representations, all specifications and requirements set forth in the Invitation and Bid, and any performance criteria that are agreed by the parties in writing as part of tests performed pursuant to Paragraph 7, Standard of Performance and Acceptance. During the warranty period, Contractor will be required to perform all of the maintenance obligations set forth below in Paragraph 12. of this DPA (i.e. according to the type of maintenance service called for in the bid specifications), without cost or expense to the City. If, after seven (7) days (or such longer period as may be agreed to by the City in writing), Contractor is unable to get the equipment and/or software (operating system and/or application), or replacement equipment and/or software, to perform as warranted, the City may, at its sole option (i) require Contractor to pay the City as liquidated damages, not as a penalty, the amount of One Hundred Dollars ($100) per day for each day that the equipment and/or software fails to perform as warranted (Contractor expressly acknowledges and agrees that Subparagraph 6.a, relating to *Liquidated Damages for Delay*, applies fully to any failure of Contractor to timely cause the equipment and/or software to perform as warranted); or (ii) declare Contractor in default under Paragraph 15 of this DPA and exercise any or all rights and remedies afforded to it for Contractor default under the Contract; provided, that the remedies set forth in (i) and (ii) shall not be exclusive, and the City's exercise of the remedy

set forth in (i) shall in no way preclude the City from exercising any of its rights and remedies under Paragraph 15 of this DPA.

b. Prior to the expiration of the warranty period, whenever equipment is shipped for mechanical replacement purposes, Contractor shall bear all costs, including, but not limited to, costs of packing, transportation, rigging, drayage and insurance. This warranty shall apply to the replacement machine beginning on the first day of its acceptance. Warranty service may be provided by repairing the machine or by exchanging it under the type of maintenance service selected by the City.

c. The warranties provided herein do not cover maintenance required to repair damages malfunctions or service failures caused by:

(1) City's failure to follow Contractor's furnished operation or maintenance instructions or the Contractor supplied manual;

(2) Non-Contractor's repair, modification or movement of the equipment or software;

(3) Accessories, alterations, or attachment of products neither manufactured nor supplied by Contractor; or

(4) Events beyond the control and without the fault or negligence of Contractor;

(5) Equipment or software which the vendor has informed the City will not meet the standard of performance;

(6) Those items excluded from maintenance coverage as described in Paragraph 12.a.(15) below.

d. Except as provided in this Paragraph and Paragraph 3 of this DPA, and except for the implied warranty of merchantability, there are no other warranties expressed or implied.

9. SITE PREPARATION

a. Site preparation specifications shall be furnished in writing by Contractor within 72 hours of City's request. The specifications shall be in such detail so that the equipment to be delivered or installed shall operate efficiently from the point of view of environment.

b. The City agrees to have the installation site prepared at its own expense in accordance with Contractor's written site specifications prior to the delivery or installation date.

c. Any alterations or modifications in site preparations which are directly attributable to incomplete or erroneous environmental specifications provided by Contractor and which would involve additional expenses to the City, shall be made at the expense of Contractor.

d. Any such site alterations or modifications which cause a delay in the delivery or installation date will also result in liquidated damages for equipment as are specified in Paragraph 6. of this DPA, if the delay was directly attributable to incomplete or erroneous environmental specifications provided by Contractor.

e. For equipment to be installed, physical planning assistance requested by the City for initial installation of the equipment shall be provided at no additional charge.

10. TRANSPORTATION AND INSTALLATION - For equipment and/or software to be delivered or installed all charges for transportation to the City's installation site, including any rigging or drayage costs at the City's site, shall be as set forth in the Invitation and Bid and/or Purchase Order. Contractor shall make all arrangements for transportation and shall notify the City upon shipment. For equipment and software (operating system and/or application) specified in the bid specifications and price schedule for installation, Contractor shall, for the installation charges bid, provide all necessary labor and materials (including cabling) for unpacking, placement and installation of equipment and software at the City site. Packing materials shall be removed by Contractor at the Contractor's sole cost and expense, unless agreed otherwise by the City in writing.

11. RISK OF LOSS OR DAMAGE

a. Equipment - risk of loss or damage to the equipment, other than loss or damage caused by Contractor's fault or negligence, shall be deemed to pass to the City upon acceptance of the equipment by the City pursuant to Paragraph 7 of this DPA. City shall self-insure against the aforesaid risk of loss or damage and will furnish Contractor a letter to such effect upon request.

b. Software - If software (operating system and/or application) materials are lost or damaged during shipment from Contractor, Contractor shall replace such software and program storage media at no additional charge to the City. If software materials are lost or damaged while in the possession of the City, Contractor shall replace such software materials at its then current commercial charges, if any, for processing, distribution, and/or program storage media.

12. MAINTENANCE RESPONSIBILITIES

Except as expressly provided otherwise in the Invitation and Bid, the following terms and conditions shall apply to maintenance services furnished by Contractor under the Contract:

a. General Provisions

(1) Subject to the limitations set forth in 12.a.(15) below, Contractor shall provide maintenance service (labor and parts) at the prices set forth in the Invitation and Bid, Price Schedule, and/or Purchase Order for the period specified in Subparagraph 12.a.(2). Contractor shall keep the equipment and software (operating system and application) furnished hereunder in good operating condition and, subject to security regulations, the City shall provide Contractor access to the equipment and software (operating system and/or application) to perform maintenance service. "Good operating condition" for equipment shall mean, the continued ability to satisfy the manufacturer's technical specifications and Contractor's representations in Subparagraph 12.a. (10)(a); for software it shall mean the continued ability to operate in accordance with the manufacturer's technical specifications and Contractor's representations. The maintenance prices of Contractor include and substitute equipment as well as the detection and correction of software errors and all changes, updates and enhancements furnished by Contractor and/or equipment/software manufacturer without additional charge to its (their) other maintenance customers. In those instances involving on-site type maintenance (see description below) where it is necessary for Contractor to replace the equipment and/or software (operating system and/or application software) Contractor shall be responsible for the equipment and software and shall bear all costs related thereto, including, but not limited to, costs of packing, transportation, rigging, drayage and insurance. Maintenance service for any

or all equipment and software may be discontinued by the City upon thirty (30) day's prior written notice to Contractor.

(2) Maintenance Continuity - Contractor shall provide the required maintenance service at the prices agreed to by the City in writing (which agreement may, in the City's sole discretion, be in the form of a Purchase Order issued by the Procurement Department) for a period of twelve (12) month following expiration of the applicable warranty period. Thereafter, maintenance service may be renewed under the terms and conditions of the Contract at the sole option of the City on an annual basis (hereinafter referred to as "future maintenance renewal periods") for up to five (5) additional one (1) year periods and for each year thereafter that the equipment is marketed and/or maintained by the manufacturer. Contractor may increase maintenance prices for future maintenance renewal periods provided that:

(a) increase shall not be effective in any City fiscal year unless the City received written notice of increase at least sixty (60) days prior to the start of each twelve (12) month maintenance renewal period; and

(b) in no event shall the increased maintenance prices exceed Contractor's published charges maintenance service for non-educational state and local governments on the effective date of the adjustment, under similar terms and conditions.

(3) Maintenance Facilities - The City shall provide adequate working space including heat, light, ventilation, electric current and outlets for the use of Contractor's maintenance personnel. These facilities shall be within a reasonable distance of the equipment to be serviced and shall be provided at no charge to Contractor.

(4) Maintenance Periods

(a) The basic monthly maintenance charge of Contractor shall entitle the City to maintenance service during a principal period of maintenance (as defined in Paragraph 2 of this DPA).

(b) The City, by giving seven (7) calendar days written notice to Contractor, may change the principal period of maintenance in accordance with Contractor's standard time increments and surcharge rates.

(c) Except as otherwise provided in the Contract, on-site type maintenance service (see description below) which is authorized by the City outside the designated principal period of maintenance or extension thereof shall be performed on a per-call basis at Contractor's per-call hourly rates as agreed to in writing by the City (which agreement may take the form of a Purchase Order issued by the Procurement Department). No charges for parts, travel time, travel expenses or any other item, other than Contractor's per-call hourly rate, shall apply to per-call maintenance. Contractor shall be paid only for the actual time spent on-site performing required maintenance services unless mutually agreed upon, only one technician of Contractor shall be furnished during periods outside the principal period of maintenance or extension thereof. For remedial maintenance which either began, or for which a request was placed and a response made during the principal period of maintenance or extension thereof, a grace period of up to one additional hour beyond the

selected principal period of maintenance or extension thereof will be provided at no additional charge.

(5) Preventive Maintenance - Preventive maintenance shall be performed by Contractor in accordance with the manufacturer's then current commercial practices at a time which is mutually acceptable to the City and Contractor, and which is consistent with the City's operating requirements. Contractor shall specify in writing the frequency and duration of the preventive maintenance required for the equipment and software furnished under the Contract.

(6) Remedial Maintenance

(a) Remedial maintenance shall be performed as required when equipment or software is inoperative. Contractor shall provide the City with a designated point of contact and shall make representative to receive requests for service.

(b) Where on-site type maintenance of hardware or software has been contracted for, Contractor's maintenance personnel shall arrive at the City's installation site, fully prepared and ready to commence required repairs, within four (4) hours after service is requested. The four (4) hour response time shall apply regardless of the hour or day of the week the call was placed or the principal period of maintenance (including any extension thereof) selected.

If Contractor fails to satisfy the requirements of this Subparagraph 12.a.(6)(b), the City may, at its sole option, require Contractor to pay the City as liquidated damages, not as a penalty, the amount of Fifty Dollars ($50) per hour for each hour, beginning with the fifth hour after service is requested, during which repairs are not performed. (Contractor expressly acknowledges and agrees that Subparagraph 6.a, relating to *Liquidated Damages for Delay*, applies fully to any failure of Contractor to arrive at the City's installation site and commence repairs within the required four (4) hour response time). Such liquidated damages remedy shall be in addition to, and not in lieu of, any other rights and remedies that the City may have against Contractor under the Contract, including, without limitation, those set forth in Paragraph 15, *Default*.

(c) Response time shall be measured from the time the City makes a bona fide attempt to contact Contractor's representative at the pre-arranged contact point and ends when Contractor's maintenance representative arrives on site ready to perform required service.

(d) All equipment and software shall be restored to good operating condition and caused to operate in conformance with the manufacturer's technical specifications, Contractor's representations, all specifications and requirements set forth in the Invitation and Bid, and any performance criteria that are agreed by the parties in writing as part of tests performed pursuant to Paragraph 7, *Standard of Performance and Acceptance*, within two (2) business days following the calendar day on which the City requests service.

If Contractor fails to satisfy the requirements of this Subparagraph 12.a.(6)(d), the City may, at its sole option, require Contractor to pay the City as liquidated damages, not as a penalty, the amount of Fifty Dollars ($50) per

day for each day, beginning with the third business day after service is requested, during which the equipment is not restored and caused to operate as set forth above in this Subparagraph (d). (Contractor expressly acknowledges and agrees that Subparagraph 6.a, relating to *Liquidated Damages for Delay*, applies fully to any failure of Contractor to so restore the equipment and so cause it to operate within the required two (2) business days restoration time.) Such liquidated damages remedy shall be in addition to, and not in lieu of, any other rights and remedies that the City may have against Contractor under the Contract, including, without limitation, those set forth in Paragraph 15, *Default*.

(e) Repeated failure to satisfy the four (4) hour response time requirement provided in Subparagraph 6(b) and/or the two (2) business day restore time requirement provided in Subparagraph 6(d) shall constitute sufficient grounds for placing Contractor in default in accordance with the provisions of Paragraph 15 of this DPA. For equipment and/or software (operating and/or applications) that require on-site maintenance Contractor's maintenance personnel shall supply continuous effort, unless otherwise directed by the City, to restore the equipment and software to good operating condition.

(7) Malfunction Report - Contractor shall furnish a malfunction incident report to the City upon completion of each maintenance call. The report shall include, as a minimum, the following: date and time notified; date and time of arrival; type and model number(s) of product; time spent for repair; time City held machine(s); and/or software preventive maintenance by Contractor's maintenance representative; description of malfunction; list of parts replaced; additional charges, if applicable.

(8) Service Records - In addition to malfunction incident reports, contractor shall maintain a complete record of all service performed on each machine, including all field and engineering changes performed on site. This service record shall be kept at the City installation site or such other sites as may be approved by the City in writing and shall be furnished for review if requested by the City. The service record shall be an individual record identifying each machine explicitly, with a complete history of dated service and all field and engineering changes recorded therein.

(9) Replacement Parts - Subject to the limitations in Paragraph 12.a.(15) below, while equipment is under warranty or maintenance with Contractor, there shall be no additional charges for replacement parts. Unless otherwise agreed to by the City, only new standard parts (or puts warranted as functionally equal to new) sourced from the original equipment manufacturer shall be used in effecting repairs. Maintenance parts shall be furnished on an exchange basis and the replaced parts become the property of Contractor. Contractor shall maintain an adequate supply of spare parts necessary for the repair or replacement of equipment within a twenty-five (25) mile radius of the City of Philadelphia.

(10) Maintenance Credits

(a) Contractor shall grant a credit for any machine which fails to perform at an effectiveness level of 90% during any month. The effectiveness level for a machine is computed by dividing the operational use time by the sum of this time plus equipment failure downtime. Operational use time is the time the machine is in actual operation and is not synonymous with power-on time.

Downtime shall be measured from the time that Contractor is notified of equipment failure to the time the machine is restored to good working order exclusive of actual travel time required by Contractor's service representative up to one (1)hour per incident. Unless Contractor is authorized by the City to perform maintenance service outside the designated principal period of maintenance or extension thereof in accordance with Subparagraph 12.a.(4)(c), downtime shall accrue only during the principal period of maintenance (including any extension thereof) and shall in no event accrue during any time that Contractor is denied full, free and safe access to the machine(s) to provide maintenance service. The credit shall be a reduction of the total monthly maintenance charges for each affected machine by the percentage figure determined by subtracting the actual effectiveness level percentage from 100%. For example, if the effectiveness level of a machine is 82%, the credit for that machine would be 18%. It shall be the responsibility of the City to administer the provisions of this Subparagraph.

(b) The City's right to, and receipt of, maintenance credits as provided in this Paragraph is in addition to and not in limitation of any other rights and remedies the City may have under the Contract, including but not limited to Paragraph 15 of this DPA.

(11) Notwithstanding Contractor's remedial or maintenance efforts, Contractor may be declared in default if equipment or software continues to exhibit defects causing disruption of use and/or repeated periods downtime.

(12) Additional Maintenance Charges - There shall be no additional maintenance charges for:

(a) Preventive maintenance which is performed during the principal period of maintenance or extension thereof. (Preventive maintenance performed outside of the selected principal period of maintenance or extension thereof at the City's request shall be furnished at the applicable per-call rates).

(b) Remedial maintenance required within a 48-hour period do to a recurrence of the same malfunction.

(c) Time spent by maintenance personnel after arrival at the site awaiting the arrival of additional maintenance personnel and/or delivery of parts, etc., after a service call has commenced.

(d) Remedial maintenance required when the scheduled preventive maintenance preceding the malfunction had not been performed.

(13) Engineering and Field Changes - Contractor shall inform the City, in writing, of any engineering or field changes deemed advisable by Contractor and/or the manufacturer of the equipment. Contractor shall indicate when any change is considered mandatory, in which case it shall be installed. If the change is not mandatory, Contractor shall indicate the purpose or desirability of the change for the City. Unless the City responds in writing within fifteen (15) days, it shall be assumed that the City agrees to installation of the non-mandatory change. When informing the City of any engineering or field change, Contractor shall also indicate the number of hours of machine time and the number of hours of system time required to install the change,

including any testing deemed necessary to ensure the return of the machine and system to good operating condition. All engineering and field changes shall be performed at no additional cost or expense to the City at mutually agreed to times.

(14) Through the issuance of a change to the City Purchase Order, the City may upon 30 days notification alter the type of maintenance program for any machine or software program consistent with the Contractor's standard maintenance program.

(15) Services Not Covered - In addition to the limitations in Paragraph 8.c hereof, Contractor's maintenance responsibilities shall not include electrical work external to the equipment, changes or alterations to the physical environment of the installation site, furnishing accessories or supplies, painting or refinishing the equipment or furnishing materials, inspection of machine's, moving or reinstallation of equipment except when required by an equipment upgrade or repair, maintenance of accessories, machines or other devices not furnished by Contractor, or repairs made necessary by misuse or negligence of the City, its employees, agents, contractors or invitees.

(16) All features and model upgrades that are eligible for maintenance service under the Contract, installed on a machine under the Contract, and not covered under Contractor warranty or another manufacturer's warranty be under the maintenance terms of the Contract with the same Type of Service and, if applicable, the same Optional Periods of Maintenance Service as the machine on which they are installed.

b. Types of Equipment Maintenance

(1) General

(a) Maintenance service for equipment under the Contract may be obtained utilizing one or more of the types of service specified in 12.b.(2) below as requested by the City in the bid specifications.

(b) Except as expressly noted herein and/or in Paragraph 12.a above, all the provisions of Paragraph 12.a. shall apply to the different types of equipment maintenance service. The requirements of the Subparagraph under 12.a pertaining to maintenance facilities, malfunction reports, service records, additional maintenance charges, and maintenance credits shall not apply to hardware maintained off site or on an exchange basis.

(2) Types of Service

(a) Contractor On-Site Repairs - The Contractor will provide maintenance service for the failing machine at the City's location.

(b) Contractor On-Site Exchange - The Contractor will deliver the exchange machine to the City's: location, disconnect the failing machine, connect the exchange machine, and remove the failing machine from the City's location.

(c) City On-Site Exchange - The Contractor will have an exchange machine delivered to the City's location. The City will disconnect the failing machine and prepare it for shipment to the Contractor, connect the exchange machine, and verify its operation. The City will follow the Contractor's instructions

regarding the shipment of the failing machine to the Contractor. Such shipment will be at the Contractor's expense.

(d) City Carry-In Exchange - The City will deliver the failing machine to a Contractor Service/Exchange Center or other Contractor designated location, pickup the exchange machine and take it to the City's location, connect it, and verify its operation. In lieu of such delivery and pickup, the City may ship the failing machine, prepaid, in the original shipping container or equivalent, to a Contractor Service\Exchange Center designated to receive such a shipment. Following receipt of the failing machine, the Contractor will ship the exchange machine to the City's location, prepaid, within the United States.

(e) City Carry-In Repair - The City will deliver the failing machine to a Contractor Service/Exchange Center or other Contractor designated location, following any necessary repairs, pick up the machine or machine element and take it to the City's location, connect it, and verify its operation. In lieu of such delivery and pickup, the City may ship the failing machine, prepaid, in the original container or equivalent, to a Contractor Service/Exchange Center designated to receive such a shipment. Following any necessary repairs, the Contractor will ship the machine or machine element to the City's location, prepaid, within the United States.

(3) For City "Carry-In" maintenance services, the City agrees that the City is responsible for risk of loss of, or damage to, machines during the period such machines are in transit to the Contractor, except for loss or damage caused by the Contractor's fault or negligence. However, the Contractor is responsible for risk of loss of, or damage to, machines owned by the Contractor and/or machines owned by other than the Contractor while in possession of the Contractor or in transit from the Contractor by a Contractor- selected carrier whose charges were prepaid by the Contractor.

c. Types of Software Maintenance

(1) General

(a) Contractor shall provide maintenance of software being acquired pursuant to the bid to include preventive maintenance, remedial maintenance as may be required, and program changes, updates, and enhancements which may be furnished by Contractor and/or (software) manufacturer without additional charges to its (their) other maintenance customers.

(b) Maintenance services for software under the Contract may be obtained utilizing one or more of the types of services specified in 12.c.(2) below as requested by the City in the bid specifications.

(c) Except as noted herein and/or in Paragraph 12.a., all provisions of Paragraph 12.a. except replacement parts, maintenance credits and engineering and field changes shall apply to the different types of software maintenance. In addition the requirements of the Subparagraphs under Paragraph 12.a pertaining to maintenance facilities, malfunction reports, service records, and additional maintenance charges shall not apply to software maintained on a central service basis.

(2) Types of Service

(a) Central service - (off-site) Contractor shall designate a service location(s) which will accept documentation in the format prescribed by the Contractor indicating that a problem is caused by a defect in the licensed software program. Contractor shall correct the defect by issuing correction information or documentation to the City. City will be responsible for the preparation and submission of documentation to Central Service.

(b) Local Service - (on-site) Contractor shall, within the required response time, provide an on-site representative to analyze the software defect. Upon verification of the defect, Contractor's representative may issue correction information to City, submit documentation to Central Services, or make a reasonable attempt to resolve the problem by applying a local fix or a bypass.

(c) Local Assistance - (on-site) Contractor shall, within the required response time, provide an on-site representative to analyze the software defect. Upon verification of the defect, Contractor's representative may issue correction information to the City, assist the City in preparing documentation for submission to Central Services, or make a reasonable attempt to resolve the problem by applying a local fix or a bypass.

13. LIABILITY AND INDEMNIFICATION - Contractor shall indemnify defend, and hold harmless the City, its officers, employees and designated representative, from any and all claims, suits, actions, damages, liabilities, expenses and costs of any kind, including litigation costs and reasonable attorney's fees, arising out of bodily injury (including death), personal injury and/or damage to real or tangible personal property, provided that the injury or damage was caused by the fault or negligence of Contractor, its officers, employees, agents or subcontractors (including suppliers).

14. PATENT, COPYRIGHT AND OTHER PROPRIETARY RIGHTS INDEMNITY

a. In the event of any claim, suit or action against the City which alleges that the equipment, software or services furnished hereunder infringe upon or violate any United States patent, copyright, trade secret or any other proprietary right of any third party the City shall promptly notify Contractor in writing and Contractor shall defend such claim, suit or action in the City's name, but at Contractor's expense, and Contractor shall indemnify the City against all resulting costs, damages and attorney's fees finally awarded. City shall provide full information and all reasonable cooperation necessary to Contractor's defense of any such claim, suit or action.

b. If, in Contractor's opinion, the equipment or software furnished hereunder is likely to or does become the subject or claim of infringement, then without diminishing Contractor's obligation to indemnify and defend the City as stated above, Contractor may, at its option, substitute for the alleged infringing equipment or software, modifications sufficient to render them non-infringing which are satisfactory to the City or at Contractors' option and expense obtain the right for the City to continue the use of such equipment or software. If neither of the foregoing alternatives is available despite reasonable efforts of Contractor, then Contractor agrees to take back the infringing equipment and/or software and refund for equipment a credit for the purchase price less a reasonable allowance for depreciation with a pro-ration period of 6 years, for software whose total charges are fully paid, a reasonable credit reflecting City's use of the software.

c. It is understood and agreed that the provisions of this Paragraph shall not apply if the claimed infringement results from non-Contractor modification of the equipment or software, or the combination, operation, or use of equipment or software furnished hereunder with other equipment, software, apparatus or devices not furnished or approved by Contractor, or in other than the Contractor's specified operating environment. This Paragraph states the entire liability of Contractor with respect to infringement or violation of patents, copyrights, trade secrets or other third party proprietary rights.

15. DEFAULT - All work performed and goods and services rendered by Contractor under the Contract shall conform to the terms and conditions of the Contract, including, but not limited to, the specifications and requirements contained in the Invitation and Bid and the provisions of this DPA.

a. Events of Default - The following shall constitute events of default under the Contract:

(1) failure by Contractor to comply with any provision or Paragraph of the Contract, including, but not limited to, the specifications and requirements for the products and/or services required, and this DPA;

(2) failure by Contractor to comply with any federal state and local law, statute, ordinance or applicable regulation of any federal, state, or local governmental department, board, agency and commission;

(3) falseness of any representation or warranty made in the Contract or other document(s) submitted to the City by Contractor in connection with the Invitation and Bid and Contract;

(4) failure by contractor to pay its suppliers or subcontractors, misappropriation of any funds provided under the contract, or failure to notify the City upon discovery of any misappropriation;

(5) a violation of law by Contractor which results in its making a guilty plea, a plea of nolo contendre, or conviction of a criminal offense by contractor, its directors, employees, or agents or indictment or issuance of charges against Contractor, its directors, employees or agents for any criminal offense or other violation of law (whether or not the offense or violation of law is ultimately adjudged to have occurred), where such criminal offense, violation, indictment or charges, in the sole judgment of the Procurement Commissioner, adversely affect the performance of the Contract;

(6) failure by Contractor to comply with the Mayoral Executive Order establishing the City's anti-discrimination policy relating to the participation of minority, woman and disabled owned disadvantaged business enterprises.

(7) the Procurement Department's determination that the Contractor is not a responsible bidder on the Invitation and Bid, where such determination is made, and is based upon, information received after award of the Contract and/or after execution of the Contract by the Procurement Commissioner and/or after satisfaction of any or all other conditions of a binding Contract set forth in Paragraph 25.i. below;

(8) City debarment of the Contractor from bidding or proposing on City contracts, whether or not such debarment arises from the performance of the Contract;

(9) Contractor so fails to make progress in the performance of the Contract as to endanger performance of the Contract in accordance with its terms;

(10) any other act or omission identified in this DPA or elsewhere in the Contract as an event or condition constituting default.

b. Termination for Default; Notice and Cure

(1) Upon the occurrence of one or more events of default as set forth in Paragraph 15.a.,

(a) the Procurement Commissioner, in his/her sole discretion, may require Contractor to remedy the default within a period of time to be determined by the Procurement Commissioner; or

(b) if the default is not remedied within such period of time (the "Cure Period"), the Procurement Commissioner, in his/her sole discretion, may

(i) terminate the Contract as provided in any one or more of the following Paragraphs of this DPA, if applicable to the event(s) of default: Paragraphs 6.b.(3) or 6.c.(2) (relating to Liquidated Damages for Delay), Paragraphs 7.b.(3), 7.c (3), 7.d.(3), or 7.e.(4) (relating to Standard of Performance and Acceptance), Paragraph 8.a. (relating to Warranty), and/or Paragraphs 12.a.(6)(d) or 12.a.(1) (relating to Maintenance Responsibilities); and/or

(ii) otherwise terminate the Contract, in whole or in part, and exercise any one or more of the remedies provided in Paragraph 15.c.

(2) The City shall notify Contractor of any termination pursuant to this Paragraph 15 by written notice (the "Termination Notice"), setting forth in reasonable detail the reasons for the termination; and termination shall be effective as of the date specified in the Termination Notice (the "Termination Date").

(3) The Cure Period shall not be less than fifteen (15) calendar days (unless the Procurement Commissioner determines that Contractor's default constitutes an emergency endangering the public health, welfare, or safety and requiring a shorter Cure Period). The Procurement Commissioner may, in his/her sole discretion, extend the Cure Period without terminating the Contract if the failure stated in the notice of default cannot be corrected within the period specified in the City's notice and if corrective action is instituted by Contractor within the applicable period and diligently pursued until the failure is corrected.

(4) The Procurement Commissioner may, in his/her sole discretion, require contractor to continue to furnish all equipment, software, products and services required under the contract until the Termination Date, in which case, subject to the remedies enumerated above, the successful bidder shall be paid in accordance with the contract therefor. If the City requires Contractor to cure the event(s) of default, or to continue to furnish products or services until the Termination Date, and Contractor refuses or fails to do so, then such failure shall itself be deemed an event of default under this Paragraph 15, for which the City may exercise any of its rights hereunder.

(5) Contractor shall continue the performance of the Contract, in accordance with its terms, to the extent not terminated under this Paragraph 15, and shall be liable to the City for liquidated damages, as provided in Paragraph 6 (Liquidated Damages for Delay) for each calendar day of delay until the items not terminated are delivered or installed (as applicable) or the services performed; provided, however, that Contractor shall not be liable for such liquidated damages for delays due to causes which would relieve it from liability under Paragraph 15.d.

c. Remedies of the City - Upon termination of the Contract pursuant to this Paragraph 15, the Procurement Commissioner may, in his/her sole discretion, exercise either of the following remedies or both remedies concurrently:

(1) The City may purchase from others, upon such terms and in such manner as the Procurement Commissioner deems appropriate, equipment, software, other products, and/or services similar to and in substitution of those terminated. In such event, Contractor shall, subject to the limitations set forth in Paragraph 16 of this DPA, be solely responsible and liable to the City for the full amount of any costs incurred by the City for such similar equipment, software, other products, and/or services, and Contractor agrees to pay such costs upon receipt of the City's invoice therefor.

(2) The City may appropriate to the payment of the price of such substitute equipment, software, products or services, and the amount of any other loss, cost or damage incurred by the City as a result of Contractor's default, any monies which may then be due and payable to Contractor under the Contract or any other contract that Contractor then has with the City.

d. Force Majeur Exceptions to Contractor Default - The following terms and conditions shall apply solely to this Paragraph 15:

Except with respect to defaults of subcontractors, Contractor shall not be in default under this Paragraph 15 and shall not be liable for costs under Paragraph 15.c if the failure to perform this DPA arises out of causes beyond the control and without the fault or negligence of Contractor, including, and expressly limited to, natural disaster, any act of God, war, civil disturbance, court order, labor dispute, or nonperformance of third parties other than subcontractors and suppliers of Contractor (hereinafter referred to as a "Force Majeur Event"). If the failure to perform is caused by the default of a subcontractor, and if such default is caused by a Force Majeur Event that is beyond the control of both Contractor and subcontractor and is without the fault or negligence of either of them, and unless the items or services to be furnished by the Contractor are delivered in sufficient time to permit Contractor to meet the required performance schedule, then Contractor shall not be in default under this Paragraph 15 and shall not be liable for costs under Paragraph 15.c. In the event Contractor's performance of the Contract is affected by a Force Majeur Event, it shall immediately give written notice to the City, and shall exercise every commercially reasonable effort to resume performance. The Procurement Commissioner, in his/her sole discretion, may deem the failure to provide such written notice or to exercise such commercially reasonable efforts to be an event of default under this Paragraph 15.

e. Remedies Not Exclusive - The rights and remedies of the City provided in this Paragraph 15 shall not be exclusive and are in addition to and not in lieu of any other rights and remedies the City may have at law, in equity, under any bond(s) filed in connection with the Contract or under any other provisions and Paragraphs of the Contract, all of which are reserved to the City; provided, however, that the exercise of such rights or remedies by the City shall be

subject to the limitations set forth in Paragraph 16 (Limitation of Liability) of this DPA, except as expressly provided otherwise in Paragraph 16 or elsewhere in this DPA or the Contract.

16. LIMITATION OF LIABILITY

a. In no event will either party to the Contract be liable for consequential, indirect, incidental, punitive, or special damages. This limitation shall not limit or restrict Contractor's obligation to indemnify and defend the City under Paragraphs 13 and 14 of this DPA.

b. In the event of a default by Contractor under the Contract, the City shall be entitled to recover actual, direct damages and costs incurred as a result of the default; provided, however, that Contractor's liability therefor shall be limited to the greater of:

(1) $250,000; or

(2) the total dollar amount of all Purchase Orders issued to Contractor pursuant to the Contract as of the time of the default.

This limitation shall not limit or restrict Contractor's obligation to indemnify and defend the City under Paragraphs 13 and 14 of this DPA.

c. In no event shall the City's liability to Contractor for damages arising under or in relation to the Contract other than consequential, indirect, incidental, punitive, or special damages, of any kind or nature whatsoever (including, without limitation, direct damages) exceed the greater of: $250,000 or the total dollar amount of all Purchase Orders issued to Contractor pursuant to the Contract as of the time such damages arise.

17. NON-ASSIGNMENT - Neither party to the Contract shall assign or otherwise transfer its rights, duties and/or obligations under the Contract, except with the prior written consent of the other party hereto; any assignment or transfer (including, but not limited to, sub-contract) without such consent shall be null and void. In no event shall the City's consent to any assignment or transfer by Contractor relieve Contractor from its obligations hereunder or change the terms of the Contract. Contractor accepts full responsibility for and guarantees the performance of any and all assignees and transferees (including sub-contractors) of Contractor.

18. CONTRACTOR CERTIFICATION - Contractor certifies that all of the prices, warranties and benefits granted under the Contract are equivalent to or better then Contractor's prevailing prices, warranties, and benefits currently being offered to its non-educational state and local government customers contracting for similar volumes, under similar terms and conditions. If Contractor shall, prior to the City's acceptance of equipment or software under the Contract (or in the case of maintenance services, prior to the start of such services or at any time during the period such services are furnished hereunder), announce a general price reduction or make available to any other non-educational state or local government customer contracting for similar volumes under similar terms and conditions, more favorable prices, warranties or benefits with respect to the equipment or software identified in the Contract, such prices, warranties or benefits will be made available to the City upon the date the general price reduction or change in prices, warranties or benefits becomes effective and the Contract shall be deemed automatically amended to incorporate such reduction or change. It shall be Contractor's obligation to promptly notify the City in writing of such general price reductions or change in prices, warranties or benefits. The City certifies that it is purchasing products hereunder solely for use by the City and not for resale.

19. SOFTWARE AND OTHER INFORMATION/TRAINING

a. General Provisions

(1) Documentation for operating system and/or application software and other information owned by Contractor and its subcontractors (including suppliers) and provided to City for Control of or use with products provided under the Contract or under subsequent orders placed under the Contract shall remain the property of Contractor. Contractor hereby grants the City a personal, non-transferable and nonexclusive basic license to use in the United States, all documentation, technical information, confidential business information and all software and related documentation, in whatever form recorded (all hereinafter designated "Information") which is furnished under the Contract for so long as the following conditions are adhered to.

(2) Such Information:

(a) shall be used by City only to order or to evaluate for that purpose Contractor's products or to install, operate or maintain the particular product for which the information was initially furnished;

(b) shall be used solely for City's internal purposes;

(c) shall not be reproduced or copied in whole or in part except as necessary for use as authorized herein; and

(d) shall, together with any copies thereof, be returned or destroyed, or may if in the form of software recorded on an erasable storage medium, be erased when no longer needed or permitted for use with the product for which it was initially furnished.

(3) Unless Contractor consents in writing such information except for any part thereof which is rightfully obtained by City free of any obligation to keep in confidence or which becomes generally known to the public through acts not attributable to City or is independently developed by the City, shall be treated in confidence by the City.

(4) Such information may be disclosed to other persons, solely for the purpose of installing, operating or maintaining the particular product for which it was furnished, provided such other persons agree in writing in advance of disclosure to the same conditions respecting ownership, use and confidentiality of information contained in this Paragraph and Contractor is furnished with a copy of such writing.

(5) If any product sold or provided hereunder is resold, leased or otherwise provided by City directly or through an intermediary to a subsequent end user, upon written request to contractor by City, Contractor will grant to such end user a personal nontransferable and nonexclusive right to use, in the United States, any related information which Contractor furnished hereunder for use in or with such product, solely for such end user's internal business purposes and solely for us in or with such product. Such right will be granted to the end user provided the end user agrees in writing to the same conditions respecting ownership, use and confidentiality of information as is contained in the Contract and the payment of any applicable fees.

(6) Contractor, for the charges set forth in the attached bid specifications and price schedule shall provide at the City's training site (or such other site as may be mutually agreed to by the parties) all training as described in the attached bid specifications and price schedule.

b. Licensure

(1) Unless otherwise defined in the bid specifications or as provided for in Subparagraphs 20.b.(2) and 20.b.(4), a separate license is required for each machine on which any licensed software will be utilized.

(2) The City is authorized to transfer the license to and use the licensed software on:

(a) a backup machine when the designated machine or an associated unit required for use of the licensed software is temporarily inoperable until operable status is restored and processing on the backup machine is completed; or

(b) another machine for assembly or compilation of the licensed software if the designated machine and its associated units do not provide the configuration required for assembly or completion

(3) The City may order additional licenses for software:

(a) Each additional license for software (operating or applications) already licensed by the City under the Contract shall be ordered separately.

(b) For additional licenses, in lieu of distribution from Contractor, the City may elect to copy the licensed software previously distributed to the City by Contractor in machine readable form. Permission to copy granted in this Subparagraph shall not apply to licensed software provided by Contractor in printed form.

(4) In addition to the basic license for software for each machine, the City may as part of the bid specifications require the Contractor to provide alternate types of licenses,

(a) If the bid specification specifies an "Installation License" the City is also authorized to use the licensed software on any other machine in the same installation as the designated machine. For purposes of the Contract, "same installation" shall mean a single room or contiguous rooms unless otherwise agreed to in writing by Contractor.

(b) If the bid specification specifies "Location License" the City is also authorized to use the licensed software on any other machine in the same location as the designated machine. For purposes of the Contract, "same location" shall mean a single mailing address and contained within a single building unless otherwise agreed to in writing by Contractor.

(c) If the bid specification specifies a "Distributed License" the City is authorized to use the licensed software on other machines not covered under the Installation or Location License. For each such license, the City will:

(1) copy those licensed materials previously distributed in machine readable form to the City by Contractor under the basic license;

(2) provide problem documentation to Contractor through the location of the basic license;

(3) at Contractor's request, recreate any problems at the location of the basic license;

(4) distribute to, install and test on the distributed license designated machine any new release, correction or bypass provided by Contractor to the basic license designated machine;

(5) accept warranty and maintenance services for the distributed licensed software through the basic license location;

(6) not require acceptance testing for such licensed software; and

(7) accept termination of the distributed licensed software if the basic license is discontinued by the City.

(5) For any licensed software that is a data base, the license granted in this Paragraph is further limited to permit access to such database exclusively by the City. Except as provided in Paragraph 20.a.(4), the City shall not make or permit any manner of access to any form of such data base, or part thereof, for the purpose of making available to any other person any data contained in such data base.

(6) The City shall not use, print, copy, translate or display the licensed software, in whole or in part, unless expressly authorized in the Contract.

(7) The City shall not reverse assemble or reverse compile the licensed software in whole or in part.

(8) The City may notify Contractor of the City's intention to change the designation of the machine on which licensed software is to be used.

(9) The City may modify any licensed software in machine readable form and/or merge such materials into other program materials to form an updated work for the City's own use; provided that, upon discontinuance of the licensed software, the licensed software will be completely removed from the updated work and dealt with under the Contract as if permission to modify or merge had never been granted. Any portion of the licensed software included in such an updated work will continue to be subject to all terms of the Contract.

(10) When the City has issued a Purchase Order for licensed software that is available in printed form, it may request Contractor to ship such printed material up to six months prior to the shipment of the machine readable portion. The printed materials thus provided may not be copied in any form for any purpose without the prior written permission of Contractor.

20. TITLE TO EQUIPMENT - Title to equipment furnished hereunder shall pass to the City upon acceptance of the equipment (i.e. on the first day of the successful performance period). Contractor

shall have a purchase money security interest in the accepted equipment until all charges set forth in the Purchase Order are paid in full.

21. **INSURANCE -** Unless otherwise specified, the successful bidder (referred to in this Paragraph as "contractor") shall, at its sole cost and expense, procure and maintain in full force and effect, during the entire period of the contract (including any applicable warranty and/or renewal periods) the minimum types of insurance specified below. All insurance shall be procured from reputable insurers authorized to do business in the Commonwealth of Pennsylvania and shall be acceptable to the City. All insurance required herein shall be written on an "occurrence" basis and not a "claims-made" basis. The City of Philadelphia, its officers, employees and agents are to be named as additional insureds on all policies required hereunder, except the Workers' Compensation and Employers' Liability. Also, an endorsement is required stating that the coverage afforded these parties as additional insureds will be primary to any other coverage available to them. The City's coverage as an additional insured shall be primary coverage. The insurance shall provide for at least thirty (30) days prior written notice to be given to the City in the event coverage is materially changed, canceled or non-renewed. Certificates of insurance evidencing the required coverages shall be submitted to the City within fifteen (15) days of notice of contract award.

The City reserves the right to require the contractor to furnish certified copies of the original policies of all insurance required hereunder at any time upon fifteen (15) days prior written notice. The insurance requirements set forth herein are not intended and shall not be construed to modify, limit, or reduce the indemnifications made in this contract by the contractor to the City or to limit the contractor's liability under this contract to the limits of the policies of insurance required to be maintained by the contractor hereunder.

a. WORKERS COMPENSATION AND EMPLOYERS LIABILITY INSURANCE

(1) Workers' Compensation -Statutory limits.
(2) Employers Liability - $500,000 Each Accident - Bodily Injury by Accident; $500,000 Each Employee - Bodily Injury by Disease; $500,000 Policy Limit -Bodily Injury by disease
(3) All states endorsement

b. GENERAL LIABILITY INSURANCE

(1)Limit of Liability: $1,000,000 per occurrence combined single limit for bodily injury (including death) and property damage liability.
(2) Coverage: Premises operation; Blanket contractual liability; Personal injury liability (employee exclusion deleted); Products and completed operations; Independent Contractors; Employees as additional insured; Cross liability; Broad form property damage (including loss of use) liability; Asbestos abatement liability coverage (Note: Required for asbestos abatement projects only).

c. AUTOMOBILE LIABILITY INSURANCE

(1) Limit of Liability: $1,000,000 per occurrence combined single limit for bodily injury (including

death) and property damage liability.

(2) Coverage: owned, non-owned and hired vehicles.

d. PROFESSIONAL LIABILITY INSURANCE

Contractor shall be required to furnish professional liability insurance if, but only if, professional liability insurance is required elsewhere in the Invitation and Bid. If such insurance is required, it shall be furnished in the amounts, and in accordance with the terms and conditions, that are specified in the applicable provision of the Invitation and Bid.

22. PERFORMANCE SECURITY - The City of Philadelphia requires performance security for contracts greater than $25,000. If the amount of the contract to be awarded is greater than $25,000 but less than or equal to $500,000, the successful bidder is required to participate in the City's Master Performance Security Program by paying to the City a non-refundable fee of $5.00 per thousand dollars of the contract amount for firm limit contracts and $4.00 per thousand dollars of the contract amount for requirements contracts, or as otherwise specified in the Invitation and Bid. If the amount of the contract to be awarded is in excess of $500,000, or an individual performance bond and/or labor and materialmen's bond is required in the Invitation and Bid, the successful bidder is required to furnish such individual performance bond and/or labor and materialmen's bond, issued by a surety approved by the City, on a form prepared by the City's Law Department and in the amount specified for the bond(s) in the Invitation and Bid; or if no such amount is provided in the Invitation and Bid, in the amount specified for the bond(s) in the notice of contract award. The successful bidder is also required to pay a bond preparation fee to the City's Law Department in an amount prescribed by Chapter 17-700 of The Philadelphia Code; a schedule of such fees may be obtained from the Procurement Department's Public Information Office.

23. CENTURY DATE STANDARD

a. Covered Work - Contractor represents and warrants that the following items furnished under the contract shall conform to the City of Philadelphia Century Date Standard set forth in Paragraphs 23.b.(1)-(4) below. Such warranties and representations are in addition to, and not in lieu of, Contractor's warranties and representations set forth in Paragraph 8, Warranty, of this DPA and elsewhere in the Contract, and shall not limit or excuse any of Contractor's obligations under such warranties.

(1) all operating system software, application software, and other software, and all firmware, including, but not limited to, any authorization code or other code incorporated in such software or firmware for the purpose of disabling or limiting the functionality of the software under conditions specified by the manufacturer or publisher of the software;

(2) all equipment, including but not limited to computer hardware, and all components thereof, including, but not limited to, the following components:

(a) Programmable Read Only Memory (PROM), Erasable Programmable Read Only Memory (EPROM), Read Only Memory (ROM), Random Access Memory (RAM) and all other memory chips, devices, and components;

(b) Basic Input/Output System (BIOS) chips, devices, and components;

(c) any and all other semi-conductor chips and other chips, devices, and components of computer hardware and other equipment that in any way

incorporate and/or depend for their operation on machine readable code that is embodied in the chip, device, or component.

b. Century Date Standard - The City of Philadelphia Century Date Standard consists of the following standards for General Integrity, Date Integrity, and Interface Integrity:

(1) General Integrity. No value for current date will cause interruptions in the operation of the software, firmware, or equipment before, during, or after January 1, 2000, and the software, firmware and equipment will operate through March 1, 2000 and thereafter, without any date-related faults or failures and without producing inaccurate data.

(2) Date Integrity. All manipulations of time-related data (including, without limitation, dates, durations, days of week, month, and year) will produce results that conform to the manufacturer's specifications for the software or equipment for all valid date values within the application domain, before, during, and after January 1, 2000.

(3) Interface Integrity.

Explicit Century: Date elements in interfaces and data storage shall permit specification of the century by means that will eliminate all ambiguity as to the applicable century for date and date-related data, before, during and after January 1, 2000.

Implicit Century: For any date element represented without century, the correct century shall be unambiguous for all manipulations involving that element before, during, and after January 1, 2000.

(4) Source code. Source code for software shall comply with the standard set forth in Federal Information Processing Standard Publication 4-2 (FIPS PUB 4-2), Representation of Calendar Date for Information Interchange.

c. Defects and Errors - Contractor shall, at no cost to the City, repair any equipment, firmware and/or software that does not conform to the standards set forth in Paragraph 23.b and cause it to conform such standards, or shall replace the software or equipment with software that does conform to such standards.

d. Reservation of Rights - The City may, in its sole discretion:

(1) elect to order and/or accept equipment or software that does not comply fully or exactly with Subparagraphs 23.b.(1)-(4) if, in the City's sole judgment, the equipment or software complies substantially with these Subparagraphs, and/or complies sufficiently to satisfy the City's requirements in purchasing the equipment or software; and/or

(2) accept representations and/or warranties with respect to the equipment or software that are different from those set forth in Paragraphs 23.a-b, and/or a century date standard that is different from the century date standard set forth in Paragraph 23.b., if, in the City's sole discretion, such different representations, warranties, and/or century date standard are sufficient to satisfy the City's requirements in purchasing the equipment or software.

24. YEAR 2000 COMPLIANCE OF CONTRACTOR

a. "Year 2000 Compliant" - For purposes of this Article 18.2 only, a system, process, or piece of equipment is "Year 2000 Compliant" if it can operate normally before, during, and after midnight on December 31, 1999 without abnormal or unusual user intervention. This includes but is not necessarily limited to the following operations: accepting date input, providing date output, performing calculations and comparisons on dates or portions of dates, correctly accessing and processing date-dependent information, and correct date interpretation and manipulation for all valid dates; sequencing by date must produce normal results for all dates. A corporation, partnership, sole proprietor, or other entity is Year 2000 Compliant if all systems, processes, and pieces of equipment that are required for the normal conduct of its business and for the delivery of goods and services to its customers are Year 2000 Compliant.

b. Contractor's Representations and Warranties - Contractor represents and warrants as follows:

(1) that it has undertaken a detailed review and assessment of all areas within its business and operations that are material to its ability to furnish the Services required under the Contract in accordance with the terms of the Contract (including but not limited to terms relating to delivery dates and performance schedules) and that it reasonably believes could be adversely affected by Contractor's failure to be Year 2000 Compliant;

(2) that it has developed a plan and timeline for becoming Year 2000 Compliant prior to January 1, 2000;

(3) that it has implemented, or will implement, such plan in accordance with its timeline in all material respects;

(4) that prior to January 1, 2000, it will be Year 2000 Compliant in all respects that are material to its ability to furnish the Services required under the Contract in accordance with the terms of the Contract (including but not limited to terms relating to delivery dates and performance schedules); and

(5) that it shall become Year 2000 Compliant at no additional cost to the City. In the event that Contractor exchanges electronic data with the City, Contractor further represents and warrants that such exchange of data, the exchanged data, and any hardware or software interface with City computers that is required for such data exchange, will not cause any information system of the City to fail to be Year 2000 Compliant and will not adversely affect, directly or indirectly, any electronic information system of the City or cause errors or defects in date or date-dependent information processed by the system.

The forgoing warranties and representations are in addition to, and not in lieu of, Contractor's warranties and representations set forth in Paragraph 8, Warranty, of this DPA and elsewhere in the Contract, and shall not limit or excuse any of Contractor's obligations under such warranties.

c. Information Requests - Upon the written request of the City, Contractor shall furnish evidence sufficient to demonstrate that the foregoing representations and warranties are correct.

d. Reservation of Rights - The City may, in its sole discretion, accept representations and/or warranties and/or definition(s) of "Year 2000 Compliance" that are different from those set forth in Paragraphs 24.a.-b. if, in the City's sole discretion, such different representations, warranties, and/or definition(s) are sufficient to satisfy the City's requirements in purchasing the equipment or software required under the Contract.

25. GENERAL TERMS AND CONDITIONS OF BIDDING - Except as expressly stated otherwise in the bid specifications or elsewhere in the Invitation and Bid, the following general terms and conditions of bidding shall apply:

a. Preparation and Submission of Bids - All bids must be written in ink or typewritten and made on the forms issued and signed in ink, by a person with legal authority to bind the bidder. This Invitation and Bid and any contract awarded hereunder shall include all of the following, as set forth in Paragraph 2.b, *Contract*, and Paragraph 2.l, *Invitation and Bid*, of this DPA: (i) the form titled "Invitation And Bid" and bearing the "Bid No." for this procurement; (ii) this DPA; (iii) all attachments, exhibits, and appendices to such form and to this DPA; (iv) all addenda to the Invitation and Bid issued by the Procurement Department. The Contract shall include, in addition to the foregoing documents, all Purchase Orders issued by the Procurement Department pursuant to the Contract, which are hereby incorporated into the Contract. It is the sole responsibility of the bidder to ensure that it has received any and all addenda to the Invitation and Bid issued by the Procurement Department and the Procurement Commissioner may in his/her sole discretion reject any bid for which all addenda have not been executed and returned in accordance with the instructions provided therein. No bid may be considered if received after the date and time for the opening of bids established by this Invitation and Bid, nor may any bid be modified after that date and time. The time of bid opening shall be the time displayed on the City's official bid clock. In the event of any discrepancy between actual time and the City's official bid clock, the latter shall determine the time of bid opening.

b. Specifications - When a formal, numbered specification is referred to in this Invitation and Bid, no deviation therefrom will be permitted and the bidder will be required to furnish articles and/or services in conformity with that specification. When catalogues, model numbers, trade names, or cuts are listed in this Invitation and Bid, they are, unless otherwise specified, included for the purposes of furnishing bidders with information concerning the style, type or kind of article and /or service desired. A bidder may offer an article and/or service which he/she certifies to be equal or better in quality, performance and other essential characteristics. If submitting an alternate the bidder must specify the alternate (e.g., make and model #) in the bid and submit with the bid a complete description of the article (including any technical literature) and/or service proposed to be furnished. Failure to do so, will require the bidder to furnish the article and/or service specified in the Invitation and Bid. The Procurement Commissioner reserves the sole right to determine whether alternates offered are equal or better. Unless otherwise provided in the bid specifications, all items offered by the bidder must be new. A “new” item is one which will be used first by the City. This clause shall not be construed to prohibit bidders from offering goods, supplies, equipment or materials containing recycled materials or printing with recycled content; bidders intending to provide goods made with recycled materials are expected to so notify the Procurement Department.

c. Types of Bidder Restricted - Bidders must not be a party to more than one bid for the same article or service. A violation of this condition may, in the sole discretion of the Procurement Commissioner, result in rejection of any or all such bids in which the bidder is interested.

d. Quantities Awarded - For requirements contracts only (which shall be so identified elsewhere in the Invitation and Bid), the articles and quantities of such articles as set forth in the Invitation and Bid are estimates and the Procurement Commissioner, in his/her sole discretion, may make an award for all or some of the articles bid and in such quantities as the Procurement Commissioner shall deem appropriate. For firm limit contracts, it is the City's intent to award based upon the quantities set forth in the Invitation and Bid, but the City reserves the right to award more or less.

e. Bid Security - Unless the bidder is properly covered under the City's Annual Master Bid Security Program, or an individual bid bond is required elsewhere in the Invitation and Bid, all bids must be accompanied by a Certified Check, Treasurer's Check, Cashier's Check, Bank Money Order or United States Postal Money Order made payable to the order of "The City of Philadelphia" in the proper amount as shown below:

AMOUNT OF BID OR EST. AMT. CONTRACT	AMOUNT OF CERTIFIED CHECK
$ 25,000.00 or less	No Check Required
$ 25,000.01- $ 99,999.99	$ 500.00
$ 100,000.00 - $ 249,999.99	$ 2,000.00
$ 250,000.00- $ 499,999.99	$ 4,000.00
$ 500,000.00 or more	$ 6,000.00

When computing amount of Bid for Certified Check purposes, do NOT deduct for trade-ins.

Bids in excess of $500,000 cannot be covered by the Annual Master Bid Security Program and bidder must submit a Certified Check, Treasurer's Check, Cashier's Check, Bank Money Order or United States Postal Money Order made payable to the order of "The City of Philadelphia" in the required amount. After the lowest responsive and responsible bidder has been determined, the Procurement Department shall refund, with the exception of the non-refundable fee paid for participation in the City's Annual Master Bid Security program, the bid security of every bidder except the lowest responsive and responsible bidder. Upon return of the duly executed contract documents and all required fees, and the furnishing of any required bonds or other performance security by the lowest responsive and responsible bidder, its bid security will be refunded.

f. Cancellation and Award - The Procurement Commissioner, in his/her sole discretion, may cancel any Invitation and Bid prior to bid opening. After bid opening, the Procurement Commissioner, in his/her sole discretion, may reject all bids, if deemed in the best interest of the City. In all cases where a contract award is made by the Procurement Department, the bidder is bound by the terms and conditions of the Invitation and Bid upon the submission of its bid. All bids are valid for a period of not less than 60 days, or as otherwise specified in the Invitation and Bid. If the bid has not been awarded within the specified period of time, the bid shall be valid for subsequent award only upon the express consent of the bidder, with no change to the submitted bid. All contract awards shall be made by the Procurement Department upon written notice to the bidder that is determined by the Procurement Department to be the lowest responsive and responsible bidder.

g. Responsiveness of Bids - Subject to the right of the Procurement Commissioner to waive non-responsiveness of bids as set forth below in this Paragraph 25, the specifications, requirements, and terms and conditions set forth in this DPA and elsewhere in the Invitation and Bid are mandatory and must be strictly followed by all bidders in the preparation and

submission of its bids. After bids are opened, the Procurement Department, and other City departments or agencies where appropriate or specified, shall review all bids for responsiveness to these Terms and Conditions of Bidding and the specifications and requirements included in this Invitation and Bid. Any bid which is incomplete, obscure, conditional, or unbalanced, which contains additions not called for in the Invitation and Bid or irregularities of any kind, including alterations or erasures, or which fails to conform in any respect to such specifications, requirements, and terms and conditions, is non-responsive and shall be rejected, except where the Procurement Commissioner, in his/her sole discretion, determines that the non-responsiveness is not material to the Invitation and Bid, or that a waiver of the non-responsiveness is otherwise permitted by the Invitation and Bid or by this DPA or by law. The Procurement Department's determination of non-responsiveness shall be final and any bid rejected as non-responsive shall not be eligible for contract award.

h. Responsibility - Unless otherwise specified elsewhere in the Invitation and Bid, after the bids are opened, the Procurement Department, and other City departments or agencies where appropriate or specified in the Invitation and Bid or required by law or regulation, shall review and may investigate the responsibility of the bidder, including, but not limited to, the bidder's qualifications, references, ability (including, but not limited to financial and technical capacity) to perform the contract resulting from this Invitation and Bid in accordance with its terms, and integrity. All determinations of bidder responsibility shall be vested in the sound discretion of the Procurement Commissioner and other City officials. Any bidder who is found not responsible shall be ineligible for award of the contract. Bidders found not responsible will be notified of such determination and the reasons therefore in writing by the Procurement Department, and shall have the right to contest the determination by submitting to the Procurement Department, within forty-eight (48) hours after receipt of its written determination, a written request for reconsideration that includes information relating to the bidder’s qualifications and responsibility and demonstrating the insufficiency of the reasons stated in the written determination for finding the bidder not responsible. Any further determination of a contesting bidder’s responsibility shall be vested in the sound discretion of the Procurement Commissioner and other City officials.

i. Conditions of Binding Contract - For bids in an amount less than or equal to $25,000, the signed bid of the lowest responsive and responsible bidder shall become a contract binding the City as of the date on which the Procurement Department issues its written notice of the Procurement Commissioner's award of the Contract to the bidder, without the satisfaction of further conditions by the bidder. For bids in an amount greater than $25,000, however, such signed bid shall not become a contract between the City and the successful bidder, and shall not bind or obligate the City in any way, unless and until all of the following conditions (1)-(5) are fully satisfied:

(1) The Procurement Department has issued its written notice of the Procurement Commissioner's award of the Contract to the successful bidder;
(2) The successful bidder posts sufficient Performance Security, as required in the Invitation and Bid, within the time specified in the written notice of award, and a Labor and Materialmen's Bond, if and as required by the Invitation and Bid, within the time specified in the written notice of award;
(3) The Contract Documents, as executed by the successful bidder, are approved as to form by the City's Law Department;
(4) The availability of funds is certified by the City's Director of Finance and the City Controller; and
(5) The Contract Documents are executed by the Procurement Commissioner.

The Procurement Commissioner may, in his/her sole discretion, cancel any contract award if any of the above conditions (1)-(5) are not satisfied, or if the Procurement Commissioner, in his/her sole discretion, determines that cancellation is in the best interests of the City. The bidder agrees that in the event of such cancellation, it shall not have any claim against the City, including any claim for breach of contract or of any other legal duty, or for lost profits, costs, damages, or expenses of any kind.

j. Failure to Execute Contract - Any bidder not lawfully released from its bid, who refuses to execute and/or be bound by a contract in accordance with its bid or who fails, refuses or is unable to furnish any required bonds, performance security or insurance, as may be required by this DPA and elsewhere in the Invitation and Bid, shall be liable for the entire amount of its bid security, as liquidated damages (not a penalty) to the City; or if bid security is furnished under the Annual Master Bid Security Program, shall be liable for ten (10) per cent of the amount of its bid, as liquidated damages (not a penalty) to the City; or where the damages are readily ascertainable by the City, for the actual loss, cost or damage incurred by the City as a result of the bidder's failure to execute the contract or to furnish such bonds, performance security or insurance.

k. Bid Processing Fee - In addition to bid security and any other fee or monies required to be submitted with the bid, the bid shall be accompanied by a non-refundable processing fee in the form of a separate Standard Check, Bank Money Order or United States Postal Money Order made payable to the order of "City of Philadelphia" in an amount based on the gross amount of the bid in accordance with the formula below. Cash is not acceptable.

AMOUNT OF BID OR ESTIMATED CONTRACT	AMOUNT OF PROCESSING FEE
$ 25,000.00 or less	No Check Required
$ 25,000.01 to $ 100,000.00	$ 10.00
$ 100,000.01 to $ 300,000.00	$ 30.00
$ 300,000.01 to $ 500,000.00	$ 50.00
$ 500,000.01 to $ 1,000,000.00	$ 100.00
$ 1,000,000.01 to $ 2,000,000.00	$ 200.00
$ 2,000,000.01 to $ 3,000,000.00	$ 300.00
$ 3,000,000.01 to $ 4,000,000.00	$ 400.00
$ 4,000,000.01 to $ 5,000,000.00	$ 500.00
$ 5,000,000.01 or more	$ 600.00

Failure to submit the Bid Processing Fee may result in rejection of the bidder's bid. In addition, if a contract award is made pursuant to this Invitation and Bid, any unpaid bid processing fees owed by the successful bidder to the City must be paid prior to the City's release of any payments under the resulting contract.

l. Price Increases and Discounts - All articles must be delivered at the price(s) bid, FOB Destination Point. Bids containing reservations of the right to increase the price(s) bid , including, but not limited to, late payment charges, will not be considered, except where the Procurement Commissioner, in his/her sole discretion, finds it in the City's best interest to do so. Discounts offered for payment may be a factor in the awarding of bids only in the event of tie bids. (In the event of an absolute tie the award decision will be made in the best interest of the City as determined by the Procurement Commissioner in his/her sole discretion.) Discounts must be for a period of at least 15 days to be so considered. Discounts offered shall be assumed to be from gross price unless otherwise indicated.

m. Processing of Payments - All payments will be processed and paid in accordance with the City's standard payment procedures and payment cycle (i.e. normally within 45-60 calendar days following receipt of proper invoices). Any credit due to the City hereunder may be applied against Contractor invoices with appropriate information attached.

26. MISCELLANEOUS PROVISONS

a. Tax Exemption - The City of Philadelphia is exempt from the payment of any federal excise or transportation taxes and any Pennsylvania Sales Tax. The price bid must be net, exclusive of taxes. However, when under established trade practice any federal excise tax is included in list prices, bidder may quote the list price and shall show separately the amount of the federal tax, either as a flat sum or as a percentage of the list price, which shall be deducted by the City. In the event bidder pays any sales or use tax, bidder hereby assigns to City, or City's agent, all of its rights, title and interest in any sales or use tax which may be refunded as a result of the purchase of any articles furnished in connection with the contract and bidder, unless directed by the City, shall not file a claim for any sales or use tax refund subject to this assignment. Bidder authorizes the City, in City's name or the name of bidder, to file a claim for refund of any sales or use tax subject to this assignment.

b. Tax Requirements - Any contractor, or vendor of goods, wares and merchandise, or purveyor of services, who bids on and is awarded a contract by the City and/or School District of Philadelphia, is subject to Philadelphia's business tax and Ordinances and regulations. The City Solicitor has ruled that anyone who is awarded a contract by the City and/or School District pursuant to a bid has entered into a contract within the City, and the subsequent delivery of goods into the City or performance of services within the City constitutes "doing business" in the City and subjects the successful bidder, including but not limited to, one or more of the following taxes:

(1) Business Privilege Tax
(2) Net Profits Tax
(3) City Wage Tax

The successful bidder, if not already paying the aforesaid taxes, is required to apply to the Department of Revenue, 1401 John F. Kennedy Blvd., Public Service Concourse, Municipal Services Building, Philadelphia, PA 19102, for a tax identification number and to file appropriate business tax returns as provided by law. Questions should be directed to the Business and Earnings Tax Unit at (215) 686-6600.

c. Tax Indebtedness - The City of Philadelphia does not wish to do business with tax delinquents or other businesses indebted to the City. In furtherance of this policy, the following certifications have been developed and shall form a part of any contract resulting from this Invitation and Bid. The successful bidder, or other entity contracting with the City is referred to below as the "contractor".

(1) Contractor's Certification of Non-Indebtedness - Contractor hereby certifies and represents that contractor and contractor's parent company(ies) and subsidiary(ies) are not currently indebted to the City of Philadelphia (the "City"), and will not at any time during the term of this contract (including any extensions or renewals thereof) be indebted to the City, for or on account of any delinquent taxes (including, but not limited to, taxes collected by the City on behalf of the School District), liens, judgments, fees or other debts for which no written agreement or payment plan satisfactory to the City has been established. In

addition to any other rights or remedies available to the City at law or in equity, contractor acknowledges that any breach or failure to conform to this certification may, at the option of the City, result in the withholding of payments otherwise due to contractor and, if such breach or failure is not resolved to the City's satisfaction within a reasonable time frame specified by the City in writing, may result in the offset of any such indebtedness against said payments and/or the termination of this contract for default (in which case Contractor shall be liable for all costs, losses and other damages resulting from the termination).

(2) Subcontractor's Certification of Non-Indebtedness - Contractor shall require all subcontractors performing work in connection with this contract ("subcontractor" shall also include suppliers providing goods or materials) to be bound by the following provision and contractor shall cooperate fully with the City in exercising the rights and remedies described below or otherwise available at law or in equity:

"Subcontractor hereby certifies and represents that subcontractor and subcontractor's parent company(ies) and subsidiary(ies) are not currently indebted to the City of Philadelphia ("City"), and will not at any time during the term of contractor's contract with the City (the "contract"), including any extensions or renewals thereof, be indebted to the City, for or on account of any delinquent taxes (including, but not limited to, taxes collected by the City on behalf of the School District of Philadelphia), liens, judgments, fees or other debts for which no written agreement or payment plan satisfactory to the City has been established. In addition to any other rights or remedies available at law or in equity, subcontractor acknowledges that any breach of or failure to conform to this certification may, at the option of the City, result in the withholding of payments otherwise due to subcontractor for services rendered in connection with the contract and, if such breach or failure is not resolved to the City's satisfaction within a reasonable time frame specified by the City in writing, may result in the offset of any such indebtedness against said payments otherwise due to subcontractor and/or the termination of subcontractor for default (in which case subcontractor shall be liable for all costs, losses and other damages resulting from the termination)."

d. Ethics Requirements - To preserve the integrity of City employees and maintain public confidence in the competitive bidding system, the City intends to vigorously enforce the various ethics laws as they relate to City employees in the bidding and execution of City contracts. Such laws are in three categories:

(1) Gifts. Executive Order No. 16-92 prohibits City employees from soliciting or accepting anything of value from any person or entity seeking to initiate or maintain a business relationship with the City of Philadelphia, its departments, boards, commissions and agencies. All City employees presented with gifts or gratuities as indicated in Executive Order 16-92 have been instructed to report these actions to the appropriate authorities. All bidders, agents or intermediaries who are solicited for gifts or gratuities by City employees are urged to report these incidents to the Inspector General, Aramark Tower, Third Floor, 1101 Market Street, Philadelphia, PA 19107.

(2) City employee interest in City contracts. In accordance with Paragraph 10-102 of The Philadelphia Home Rule Charter, no bid shall be accepted from, or contract awarded to, any City employee or official, or any firm in which a City employee or official has a direct or indirect financial interest. All bidders are required to disclose any current City employees or officials who are employees or officials of the bidder's firm, or who otherwise would have a financial interest in the contract.

(3) Conflict of Interest. Both the State Ethics Act and the City Ethics Code prohibit a public employee from using his/her public office or any confidential information gained thereby to obtain financial gain for himself/herself, a member of his/her immediate family, or a business with which he/she or a member of his/her immediate family is associated. "Use of public office" is avoided by the employee or official publicly disclosing the conflict and disqualifying himself/herself from official action in the matter, as provided in The Philadelphia Code §20-608.

e. Non-Discrimination

(1) In the performance of the Contract, Contractor shall not discriminate nor permit discrimination against any person because of race, color, sex, religion, national origin- or ancestry. Contractor agrees that such discrimination constitutes a substantial breach of the Contract entitling the City to all rights and remedies provided in the Contract or otherwise available in law or equity.

(2) In accordance with Chapter 17-400 of The Philadelphia Code, Contractor agrees that its payment or reimbursement of membership fees or other expenses associated with participation by its employees in an exclusionary private organization, insofar as such participation confers an employment advantage or constitutes or results in discrimination with regard to hiring, tenure of employment, promotions, terms, privileges or conditions of employment on the basis of race, color, sex, sexual orientation, religion, national origin or ancestry, constitutes a substantial breach of the Contract entitling the City to all rights and remedies provided in the Contract or otherwise available in law or equity. Contractor agrees to include the immediately preceding sentence, with appropriate adjustments for the identity of the parties, in all subcontracts which are entered into for work to be performed pursuant to the Contract. Contractor further agrees to cooperate with the Commission on Human Relations of the City of Philadelphia in any manner which the said Commission deems reasonable and necessary for the Commission to carry out its responsibilities under Chapter 17-400 of The Philadelphia Code. Failure to so cooperate shall constitute a substantial breach of the Contract entitling the City to all rights and remedies provided in the Contract or otherwise available in law or equity.

f. MacBride Principles - Paragraph 17-104(2)(b) of The Philadelphia Code prohibits the City from accepting bids from companies that do business in Northern Ireland, unless that business has implemented the fair employment principles embodied in the MacBride Principles. In furtherance of this Ordinance, bidder makes the following certification and representations:

(1) In accordance with Paragraph 17-104 of the Philadelphia Code, bidder by execution of its bid certifies and represents that (i) bidder (including any parent company, subsidiary, exclusive distributor, or company affiliated with Bidder) does not have, and will not have at any time during the term of any contract resulting from this bid (including any extensions thereof), any investments, licenses, franchises, management agreements or operations in Northern Ireland and (ii) no product to be provided to the City under any resulting contract will originate in Northern Ireland, unless Bidder has implemented the fair employment principles embodied in the MacBride Principles.

(2) In the performance of any contract resulting from this bid, Bidder agrees that it will not utilize any suppliers or subcontractors at any tier (i) who have (or whose parent subsidiary, exclusive distributor of company affiliate have) any investments, licenses, franchises, management agreements or operations in Northern Ireland or (ii) who will provide products originating in Northern Ireland unless said supplier or subcontractor has

implemented the fair employment principles embodied in the MacBride Principles. Bidder further agrees to include provisions with this Subparagraph (b), with appropriate adjustments for the identity of the parties, in all subcontracts and supply agreements which are entered into in connection with the performance of any resulting contract.

(3) Bidder agrees to cooperate with the City's Director of Finance in any manner which the said Director deems reasonable and necessary to carry out the Director's responsibilities under Paragraph 17-104 of The Philadelphia Code. Bidder expressly understands and agrees that any false certification or representation in connection with this Subparagraph (c) and/or any failure to comply with the provisions of this Subparagraph (c) shall constitute a substantial breach of any contract resulting from this Invitation and Bid entitling the City to all rights and remedies provided in this bid or otherwise available in law (including, but not limited to Paragraph 17-104 of the Philadelphia Code) or at equity. In addition, it is understood that false certification or representation is subject to prosecution under 18 Pa.C.S. Paragraph 4904.

g. Compliance With Law - In performing the work required under the Contract, Contractor shall comply with all federal, state and local laws, statutes and ordinances, and with all applicable regulations of federal, state and local governmental departments, boards, agencies and commissions.

h. Force Majeur - Contractor shall not be in default under Paragraph 15 of this DPA if any event of default as provided therein is the result of a Force Majeur Event as defined in Paragraph 15.d of this DPA. The City shall not be liable to Contractor for any failure to perform any of its obligations under the Contract if such failure is because of natural disaster, any act of God, war, civil disturbance, court order, labor dispute, or nonperformance of third parties.

i. Headings Not Controlling - Headings used in this DPA and elsewhere in the Contract are for reference purposes only and are inserted only as a matter of convenience and in no way define, limit, extend or describe the scope of the Contract or the intent of any provision of this DPA or elsewhere in the Contract.

j. Governing Law; Forum - The Contract shall be governed by the laws of Pennsylvania (including, but not limited to, the Pennsylvania statute of limitations) and shall be executed and performed in strict and exact accordance with the Philadelphia Home Rule Charter, as well as any applicable rules, statutes, ordinances, methods, regulations or procedures. The parties agree that any lawsuit, action, claim or legal proceeding involving, directly or indirectly, any matter arising out of or related to the Contract or the relationship created or evidenced thereby, shall be brought exclusively in the United States District Court for the Eastern District of Pennsylvania or the Court of Common Pleas of Philadelphia County. It is the express intent of the parties that jurisdiction over any lawsuit, action, claim, or legal proceeding arising under the Contract shall lie exclusively in either of these two forums. The parties further agree not to raise any objection to any such lawsuit, action, claim or legal proceeding which is brought in either of these two forums and the parties expressly consent to the jurisdiction and venue of these two forums.

k. Remedies Not Exclusive - In no event shall the rights and remedies of the City provided in any paragraph, subparagraph, or provision of this DPA or elsewhere in the Contract be exclusive, and all such rights and remedies are in addition to and not in lieu of any other rights and remedies the City may have at law, in equity, under any bond(s) filed in

connection with the Contract or under any other provision, paragraph, of subparagraph of this DPA or the Contract, all of which are reserved to the City; provided, however, that the exercise of such rights or remedies by the City shall be subject to the limitations set forth in Paragraph 16 (Limitation of Liability) of this DPA, except as expressly provided otherwise in Paragraph 16 or elsewhere in the Contract.

l. City's Right to Audit Records - From time to time during the term of the Contract and for a period of five (5) years after termination of the Contract, the City (including, without limitation, the Office of the City Controller) may audit Contractor's performance under the Contract. If so requested, Contractor shall submit to the City all vouchers and invoices presented for payment pursuant to the Contract, all cancelled checks, work papers, books, records and accounts (whether in electronic, paper, or other form or medium) upon which the vouchers or invoices are based, and any and all documentation and justification in support of expenditures or fees incurred pursuant to the Agreement, all of which shall be subject to periodic review and audit by the City. Contractor shall make available, within the City, at reasonable times during the term of the Contract and for the period set forth above in this Subparagraph, all records (whether in electronic, paper, or other form or medium) pertaining to the Contract for the purpose of inspection, audit or reproduction by authorized representatives of the City. Contractor shall retain all such records, books of account and documentation pertaining to the Contract for the period set forth above in this Subparagraph; however, if any litigation, claim or audit is commenced prior to expiration of such period, then the records shall be retained until all litigation, claims or audit findings have been completely terminated or resolved, without right of further appeal; if applicable law requires or permits a longer period, then the records shall be retained for such longer period.

27. ENTIRE AGREEMENT - The Contract, as defined in Paragraph 2.b of this DPA, constitutes the entire understanding of the parties with respect to the subject matter hereof**,** and neither it nor the rights and obligations hereunder may be changed, modified or waived except by an instrument in writing signed by all of the parties hereto. The parties hereto bind themselves, their heirs, executors, administrators, successors and assigns for the faithful performance of the Contract.

SIGNING OF BIDS

NOTE: THE BIDDER MUST EXECUTE ITS BID BY SIGNING THIS DATA PROCESSING AGREEMENT AS PROVIDED BELOW. ANY BID THAT IS NOT EXECUTED IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED BELOW OR THAT DOES NOT INCLUDE STREET ADDRESS, CITY, STATE AND PHONE NUMBER, MAY, IN THE SOLE DISCRETION OF THE PROCUREMENT COMMISSIONER, BE REJECTED.

If bid is by an INDIVIDUAL or a PARTNERSHIP, date and sign the bid on this page, with original signatures, in ink.

Contractor and the City of Philadelphia, intending to be legally bound by this Data Processing Agreement and all other documents comprising the Contract, have caused the Contract to be executed by their respective duly authorized officers:

Date of Bid: _____, _____

_____
Signature of Owner, Partner

_____
Type or Print Name and Title

_____
Business Name of Bidder/Contractor

_____
_____
Address, including Zip Code

_____
Telephone Number, including Area Code

If bid is by a CORPORATION, date and sign the bid here with original signatures, in ink, by (a) President or Vice-President of the corporation AND (b) Secretary, Assistant Secretary, Treasurer or Assistant Treasurer of the corporation; and (c) affix the seal of the corporation. If the form is not signed by the President or a Vice-President and Secretary, Assistant Secretary, Treasurer or Assistant Treasurer, attach a duly certified corporate resolution authorizing the person signing in place of such officers to execute this bid for the corporation.

Contractor and the City of Philadelphia, intending to be legally bound by this Data Processing Agreement and all other documents comprising the Contract, have caused the Contract to be executed by their respective duly authorized officers:

CORPORATE SEAL

Date of Bid: _____, _____

_____
Corporate or Business Name of Bidder/Contractor

_____
_____
Address, including Zip Code

_____
Telephone Number, including Area Code

_____
Signature of President or a Vice-President

_____
Type or Print Name and Title

_____
Signature of Secy. Asst. Secy,
Treas. or Asst. Treas.

_____
Type or Print Name and Title

THE CITY OF PHILADELPHIA

_____
Procurement Commissioner

APPROVED AS TO FORM

_____
Assist./Dep. City Solicitor