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# Request for Quotation

RFONUMBER ISCJ0031 PAGE

ADDRESS CORRESPONDENCE TO ATTENTION OF THE RESTA FERRELL 304-558-2596

SH-P TO

RFQ COPY
TYPE NAME/ADDRESS HERE
SunGard Availability Services
680 E Swedesford Rd
Wayne, PA 19087

DEPARTMENT OF ADMINISTRATION
IS&C - DATA CENTER MANAGER
BUILDING 6, ROOM B110
1900 KANAWHA BOULEVARD, EAST
CHARLESTON, WV
25305-0135 304-558-5914

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State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

SunGard Availability Services

680 E. Swedesford Rd.

Wayne, PA 19087

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KRISTA FERRELL 304-558-2596

DEPARTMENT OF ADMINISTRATION

IS&C - DATA CENTER MANAGER BUILDING 6, ROOM B110 1900 KANAWHA BOULEVARD, EAST

CHARLESTON, WV

25305-0135 304-558-5914

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James M. Poffel Vice President, Sales



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CHARLESTON, WV
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KRISTA FERRELL

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RFQ COPY TYPE NAME/ADDRESS HERE SunGard Availability Services 680 E. Swedesford Rd. Wayne, PA 19087

DEPARTMENT OF ADMINISTRATION IS&C - DATA CENTER MANAGER BUILDING 6, ROOM B110 1900 KANAWHA BOULEVARD, EAST CHARLESTON, WV 25305-0135 304-558-5914

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09/04/:		MS-OF-SALE		SHIP VIA		FOR	FREIGHTTERMS
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James M. Poffel

Vice President, Sales



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mie l'ace d's	religized.		05-0	31061	40		ADDRESS	CHANGES	TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

## I. SCOPE

The West Virginia Office of Technology (WVOT) requests quotations for disaster recovery services as identified below. The services will include the use of an alternate processing facility / recovery center, both for testing purposes and in the event of a customer—declared disaster. The WVOT (identified hereinafter as the customer) provides essential IT services, including mainframe and network/backbone support, to State agencies. Disaster recovery services are critical to that mission.

## II. CUSTOMER'S CURRENT ENVIRONMENT

## A. BACKUP PROCEDURES

Customer and system backup tapes are stored off-site. In the event of a disaster recovery test or declared disaster, the customer will be responsible for transporting the tapes to the recovery center. The customer does not, at this time, contemplate writing data directly to the recovery center.

### B. HARDWARE / SOFTWARE

### 1. Hardware

Quantity	Machine/Product	Product Description
1	z890-270	IBM enterprise server configured with 3 processors and 16 GB of memory. (Two processors are CP with 707 MIPS; one processor is an IFL with 366 MIPS.) Contains PR/SM feature and 3 LPARS:
		LPAR1 (z/OS production LPAR # 1)
		LPAR2 (z/OS production LPAR # 2)
		LPAR3 (VM LPAR with LINUX)
1	2105-800	IBM enterprise storage server configured with 4.5TB of usable storage. Configuration includes use of Flash Copy and PAV. The device supports the following types of full-volume formatted storage: 3390-9 and 3390-3 (enterprise); and 3390-9 and 3390-3 (open systems – Linux).

## ISCJ0031

12	3590-B1A	IBM Magstar tape drives
3	3590-A50	IBM Magstar control units
16	9490-M34	StorageTek tape drives
3	9310	StorageTek library storage modules
3	9311	StorageTek library control units
2	InfoPrint 4000 ID1/ID2	IBM printing systems, each capable of printing 225 pages per minute. Printers use PSF software to create IPDS format documents in simplex and duplex mode
1	DocuTech 128HLC	Xerox printing system capable of producing PDFs and red highlight color output
2	OSA Express 1000 Base-T	Total of 4 ports.
1	OSA Express Gb E	Total of 2 ports

## 2. Software

## Partition 1

z/OS V1.7 operating system

CICS R3.2

**DB2 V7** 

Numerous ISV products

## Partition 2

z/OS V1.7 operating system

CICS R2.2

CA-Datacom products

Partition 3 (IFL)

z/VM (Version 5.3) operating system

Linux SUSE 9, 10

Oracle 9i, 10g

## III. VENDOR EQUIPMENT REQUIREMENTS

The following equipment and capacity shall be available to the customer at the recovery center for scheduled testing, and immediately upon customer-declaration of a disaster. Functionally equivalent equipment is acceptable to the customer.

The vendor shall provide, in response to this RFQ, a list of all proposed equipment, including brands and models.

Quantity	Machine/Product	Product Description
1	IBM z-Series Enterprise Server	Capable of at least 500 MIPS utilizing, at a minimum, 2 CP processors, 16GB of memory and partitioned using PR/SM into two LPARs:
		LPAR1 (z/OS production) LPAR2 (VM running LINUX)
1	Enterprise Storage Server	Configured with 4.5TB of usable storage; capable of performing, at a minimum, 3500 I/Os per second; configured as 3390-9 and 3390-3 and supporting PAV and Flash Copy.
12	IBM Magstar 3590- B1A Tape Drives	128-track, configured with IBM A60 controllers and capable of reading / writing from / to 3590-B tape media
16	3490 Tape Drives	36-track, capable of supporting 3490-E tape media
6	PC Workstations	For use as operator consoles and TN3270 sessions

## ISCJ0031

1	Printing System	Capable of producing 225 pages per minute of IPDS output in simplex mode, using continuous forms, and capable of printing in duplex mode.
1	Impact Printer	Minimum speed of 1000 lines per minute, using continuous forms
1	OSA Express GbE	Total of 2 ports.
2	OSA Express 1000 Base-T	Total of 4 ports.
1	Τ1	The State of WV will be responsible for providing the line and any necessary expenses involving T1 connections at the vendor recovery center. The T1 connection will terminate at a customer-supplied router located at the recovery center. (Also see Section IV, item 9.)
	Line	Analog Line for Dial-In to Router
1	Modem	V.92 for router connectivity
1	CISCO 3845	Router with the following features: 3845 w/AC PWR,2GE,1SFP,4NME,4HWIC, IP Base, 64F/256D
1	S384AISK9-12418	CISCO 3845 ADVANCED IP SERVICES
2	NM-1GE	1 Port GE Network Module
1	NM-1T3/E3	One port T3/E3 network module
1	VWIC2-2MFT-T1/E	212-Port 2nd Gen Multiflex Trunk Voice/WAN Int. Card - T1/E1
2	GLC-T=	1000BASE-T SFP
1	WS-C3560G-24TS-	with the following features: S Catalyst 3560 24 10/100/1000T + 4 SFP Standard MM= GE SFP, LC connector SX transceivers; fiber connect the switch to the OSA ports on the recovery

## 1 CISCO SMARTNET 24x7x4 for above equipment

### IV. GENERAL SPECIFICATIONS

- The vendor shall make an alternate processing facility / disaster recovery center available to the customer for use in scheduled disaster recovery testing, and immediately in the event of a customer-declared disaster.
- Recovery services in support of the customer shall be concentrated at a single recovery center. The recovery center shall be located no further than 600 miles from the customer's site, which is located at 1900 Kanawha Boulevard East, Charleston, WV 25305.
- The vendor shall maintain technical compatibility with the customer as the customer upgrades hardware, software, and network configurations during the life of the contract resulting from this RFQ
- 4. At no additional cost, the customer shall have access to, and use of, the vendor's recovery center, and equipment configuration (as specified in Section III of this RFQ), for up to 60 hours each year, in order to test its disaster procedures. The test hours shall be either contiguous or divided into multiple tests, at the customer's option. The customer anticipates performing one inclusive test each calendar year, but it reserves the right to perform multiple tests. In either case, the total test-time will not exceed 60 hours a year.
- The customer will consult with the vendor in scheduling test time. The vendor shall provide the customer with a scheduled block of test time within 30 days of customer request. The actual test shall start no less than 60 days thereafter, in order for the customer to have time to prepare properly. The customer's testing shall include, but not be limited to: loading and testing the customer's mainframe operating systems, restoration of the State's backbone network, restoration of critical State applications and databases, batch processing, printing, and communications testing.
- Immediately upon the conclusion of each of the customer's tests and actual disaster recovery events, the vendor shall perform a minimum initialization of the Direct Access Storage Device (DASD) volumes that were used by the customer. If the customer requires a more thorough erasure of its data from DASD, the customer will be responsible for performing the task, and will perform it after each test (within the 60 hour window) or immediately upon the conclusion of any actual disaster recovery event.
- The vendor shall provide technical support personnel, including systems programmers and network engineers, to assist the customer in the planning of tests, and during events at the recovery facility. The same support shall be available to the customer 24/7 during tests and customer-declared disasters.

- 8. If the customer requests, the vendor shall assist the customer in handling the customer's tapes. Such assistance could take the form of unloading/loading tapes from the transport vehicle(s) and transporting the tapes between the vehicle and the vendor's tape facilities.
- The customer will ship a router to the vendor after award of bid. The vendor shall install the router, house it in a secure cabinet, and ensure that it remains fully operational at all times. At the time of a scheduled disaster recovery test or declared disaster, the vendor shall connect the customer's router to the vendor's router. The vendor shall, upon customer request, provide the exact cabinet location of the router.
- The recovery center shall feature uninterruptible power supply (UPS) units, batteries, diesel generators, redundant transformers, redundant chillers/air conditioners, smoke and water detectors, fire suppression systems, 24-hour guard service, and closed circuit TV monitoring
- 11. The vendor shall provide the customer with minimal office facilities during testing and disasters. The facilities shall be located at the recovery center and shall include at least 600 square feet of office space, chairs, work surfaces, terminals connected to the recovery CPU, at least six (6) telephones connected to long-distance service, and Internet access.
- The vendor shall have at least three (3) years of experience in assisting clients in recovering IBM mainframe-based applications at its recovery center(s).
- The vendor shall include a minimum of three (3) references, with contact information, which are currently using the proposed recovery center. The references shall be located within the continental United States. The customer reserves the right to contact each of the references.
- The vendor shall include an overview of the vendor's proposed recovery center. The overview shall include at least a written description of the facility, and should include photographs of the facility; driving directions to the facility from the customer's site at 1900 Kanawha Boulevard East, Charleston, WV; driving directions to the facility from nearby airports; and a map(s) indicating the location of the facility, recommended routes, and nearby lodging

### V. PRE-TEST SPECIFICATIONS

At least two weeks prior to the start of disaster recovery tests, the vendor shall provide the customer with the names, phone numbers, electronic mail (e-mail) addresses, and hours of availability, of individuals who will be assisting the customer, remotely, in preparation for the test, and at the recovery center during the test. Said individuals shall include, at a minimum, the project manager, the IT specialist, and the network management integrator. The vendor shall also indicate who will be available to provide similar assistance to the customer, at the recovery site, during

- hours outside of prime shift (8:00 a.m. 5:00 p.m.) and shall provide similar contact information for those individuals.
- 2. MODEM TEST Approximately 12 hours prior to a scheduled disaster recovery test, the vendor shall work with the customer's networking staff to facilitate an end-to-end mini-test to ensure connectivity between the customer's modem and the recovery center's modem and router. After successful connectivity to the disaster recovery center's modem and router, the customer will remotely configure the T1 interface of the router located at the recovery center.
- 3. T-1 TEST At the start of the disaster recovery test, the customer and the vendor shall work together to establish connectivity between the customer's data center and the vendor's router. During the entire testing period, the vendor shall provide modem connectivity into the router located at the recovery center.
- 4. After the conclusion of the disaster recovery test, the vendor shall save the customer's router settings. The vendor shall load the configuration during the customer's next mini-test, disaster recovery test, or customer-declared disaster.

### VI. TERMS AND CONDITIONS

- The contract resulting from this RFQ will become effective upon award, and will extend for a period of one (1) year thereafter. The vendor must be able to begin providing all services, as identified above, on November 1, 2008.
- 2. The contract may be renewed upon the mutual written consent of the customer and the vendor, submitted to the Director of the Purchasing Division 30 days prior to the contract expiration date. Such renewal shall be limited to two (2) successive one-year terms.
- 3. The vendor shall assume full responsibility for delivery of all services provided under this contract. Any use of subcontractors shall not relieve the vendor of said responsibility.

### VII. COSTS

- 1. The vendor shall complete the attached cost sheet and include it with the bid response
- 2. The Monthly Subscription Cost shall be based on the requirements identified in Sections III and IV of this RFQ.
- The Comprehensive Disaster Declaration Fee shall include all customer costs associated with declaring a disaster. For bid preparation purposes, the vendor should

### ISCJ0031

assume that the customer will declare one disaster during the initial 12 months of the contract.

- The Recovery Daily Usage Charge shall include all costs for the customer to use the recovery center in the event of a customer-declared disaster or customer test. For bid preparation purposes, the vendor should assume that the customer will need to use the recovery center for a minimum of three (3) days during the initial 12 months of the contract.
- 5. The vendor shall itemize and describe any other costs involved in meeting the requirements of this RFQ. For example (and if applicable), the cost of installing the customer-supplied router at the recovery center.
- 6. Costs quoted shall be all-inclusive. No separate reimbursement will be made to the vendor for travel or any other expense.

## **COST SHEET**

NOTE: Enter "0" or "zero" for any no-cost line items. Blank fields will be interpreted as no-cost.

	SunGard Availability Services LP
VENDOR NAME	
VENDOR ADDRESS	680 E Swedesford Rd, Wayne, PA 19087
VENDOR CONTACT	Mark Thames
VENDOR PHONE NO.	(484) 582-2443

MONTHLY SUBSCRIPTION COST:

\$\frac{\\$ \frac{3}{3}\\ \( \beta \) PER MONTH x 12 MONTHS = 
$$\frac{\$ 31,320}{3}$$

COMPREHENSIVE DISASTER DECLARATION FEE \$16,000

RECOVERY DAILY USAGE CHARGE

ANY OTHER COSTS (see Section VII, item 5) \* 5% Onnual Increase

GRAND TOTAL COST \$ 83,020

VENDOR: SUNGARD AVAILABILITY SERVICES 680 E. SWEDESFORD RD WAYNE, PA 19087

Quote Number:78368	Quote Name:State of West Virginia -	
	Department of Administration - 1 year	
	renewal	

Service Description	Qty Req	Real Description
Recovery Service Schedule model		Recovery Service Schedule model(93468)
Recovery Services Configuration		HotSite.1.Hotsite 1.IBM Mainframe
Model		
Annual Test Periods - Base	3	
Annual Test Periods - Additional	2	
IBM Mainframe Model		IBM Mainframe Model [1]
IBM zSeries Processor	1	IBM z9 Processor 2094-705 (S28) MIPS Range 1 - 2795
LPAR	2	IBM MF LPAR
IBM Mainframe Partition Model		LPAR1 (Z/OS PRODUCTION)
IBM MIPs	500	IBM MIPS
MB Memory	16384	MB Memory
OSA-Express Ethernet	4	OSA-Express 10/100/1000MB Ethernet Card (t)
10/100/1000Mbps Port		
OSA-Express Ethernet Gigabit Port	2	OSA-Express Gigabit Ethernet Card (t)
Visara Cluster Controller	1	Visara ESCON 22L Controller (Supports up to 256
		Workstations, 32 sessions / LPAR)
IBM Mainframe Partition Model	V 1 1000 miles et	LPAR2 (VM running LINUX)
IBM MIPs	500	IBM MIPS
MB Memory	16384	MB Memory
OSA-Express Ethernet	1	OSA-Express 10/100/1000MB Ethernet Card (t)
10/100/1000Mbps Port		, , ,
OSA-Express Ethernet Gigabit Port	1	OSA-Express 10/100/1000MB Ethernet Card (t)
GB of Mainframe DASD	4500	HDS USP100 GB of Mainframe DASD w/ShadowImage,
		PAV's, & FlashCopy Version 2
PAV (Parallel Access Volume) Creation	1	PAV Creation Service
	1	
Flash Copy Creation	1	Flash Copy Version 2 Service
20/60GB 3590-B11 Magstar	12	IBM 3590 B11 Magstar Addresses
Tape/Loader Addresses w/ 10 Slots		
0 8/2 4GB 3490-E Tape/Loader	16	IBM 3490E Magnetic Cartridge Drive Addresses (ESCON
Addresses w/ 7 Slots		Attached)
IBM 4245 Line Printer	1	IBM 4245 Impact Line Printer (Continuous Form), 1200
		lpm
Oce Pagestream 372 Continuous Form	1	OCE Pagestream MICR capable 372 (372ipm) simplex
Simplex Printer		200/300/600 dpi resolution Continuous Form Printer,
		Highlight Color capability(compatible with 3900, 3800,
		4000, etc.)
3Com Courier V.Everything Modem	1	3COM Courier V.Everthing Modem
Cisco 7206VXR Router	1	Cisco 7206VXR Router
The Land Division Decide		
Token Ring Port	2	Token Ring Port
T1/PRI Port	2	T-1 Port
Cisco Catalyst 5500 Switch	1	Cisco Catalyst 5500 Switch
10/100Base-TX Switched Ethernet Port	124	10/100Base-TX Switched Ethernet Port
Centrex Analog Lines	1	Centrex Analog Lines
Recovery Services Configuration Model		Network.1.T1.Network Circuits
Network Services Model	A	Network Services Model [1]
Dedicated Access Circuit:	1	
Customer/Subscriber Provided Access		
Bandwidth	1	DS-1
		120 1

VENDOR: SUNGARD AVAILABILITY SERVICES 680 E. SWEDESFORD RD

OOO E. OVIEDEOI OND ND		
Destination(s):	1	Philadelphia (401) PA
<b>Recovery Services Configuration</b>		Workgroup.2.Workgroup
Model		
Work Group Model		Work Group Model [1]
Access to Copier	1	
Access to Facsimile	1	
Furnished WorkGroup Position (Desk,	6	
Chair, Voice & Data Wiring)		
MetroCenter Facility Access	1	
Locations Center Option Class	1	Philadelphia (401) PA
Digital Telephone Set	6	
Desktop PC w/1 44MB Diskette Drive,	6	Dell Optiplex GX260, P4/2.53GHz, 2048MB, 40GB,
Keyboard, Monitor, Mouse	<u> </u>	10/100/1000, 18" Flat Panel
Pentium 2.53 GHz CPU	1	Pentium-4 / 2.53 GHz CPU
MB Memory	2048	MB RAM
GB Internal Disk	10	GB Disk
CD-ROM Drive	1	CD-RW/DVD-ROM Drive
Ethernet 10/100/1000 Mbps Adapter	1	10/100/1000 Ethernet NIC

	ISCJ0031
RFQ No	

# STATE OF WEST VIRGINIA Purchasing Division

## **PURCHASING AFFIDAVIT**

### **VENDOR OWING A DEBT TO THE STATE:**

West Virginia Code §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

## PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

West Virginia Code §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun.

#### ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

### LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

### CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and is in compliance with the requirements as stated.

Vendor's Name: SUNGARD Aradabild	my Sorvices
Authorized Signature: James W Valle	Date: 09108108
Purchasing Afficiavit (Pavised 07/01/mg)	

James M. Poffel
Vice President, Sales

## GENERAL TERMS & CONDITIONS PURCHASE ORDER/CONTRACT

- 1. ACCEPTANCE: Seller shall be bound by this order and its terms and conditions upon receipt of this order.
- 2. APPLICABLE LAW: The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
- 3. NON-FUNDING: All services performed or goods delivered under State Purchase Orders/
  Contracts are to be continued for the terms of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/
  Contract becomes void and of no effect after June 30.
- 4. COMPLIANCE: Seller shall comply with all Federal, State and local laws, regulations and ordinances including, but not limited to, the prevailing wage rates of the WV Division of Labor.
- 5. MODIFICATIONS: This writing is the parties final expression of intent. No modification of this order shall be binding unless agreed to in writing by the Buyer.
- 6. ASSIGNMENT: Neither this Order nor any monies due, or to become due hereunder may be assigned by the Seller without the Buyer's consent.
- 7. WARRANTY: The Seller expressly warrants that the goods and/or services covered by this order will: {a} conform to the specifications, drawings, samples or other description furnished or specified by the Buyer; {b} be merchantable and fit for the purpose intended; and/or {c} be free from defect in material and workmanship.
- 8. CANCELLATION: The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
- SHIPPING, BILLING & PRICES: Prices are those stated in this order. No price increase will be accepted without written authority from the Buyer. All goods or services shall be shipped on or before the date specified in this Order.
- 10. LATE PAYMENTS: Payments may only be made after the delivery of goods or services. Interest may be paid on late payments in accordance with the **West Virginia Code**.
- 11. TAXES: The State of West Virginia is exempt from Federal and State taxes and will not pay or reimburse such taxes.
- 12. RENEWAL: Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
- 13. BANKRUPTCY: In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
- 14. HIPAA Business Associate Addendum The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (http://www.state.wv.us/admin/purchase/vrc/hipaa.htm) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
- 15. West Virginia Alcohol & Drug-Free Workplace Act: If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworm statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

redus

## References:

State of Rhode Island

Michael A. Lombardi

401-462-4702

Highmark, Inc.

Paul Vymazal

717-302-9817

**Rutgers University** 

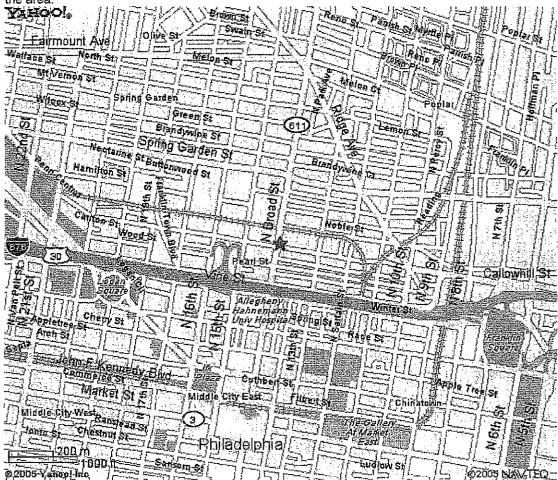
RobertAllen

732-445-2138



### PHILADELPHIA FACILITY INFORMATION

This center is located in downtown Philadelphia. There is no hazardous material storage nearby; the airport is approximately 10 miles away; both the Schuylkill and Delaware Rivers are both about 5 miles away; SunGard does not know of any earthquake faults in the area.



SunGard's Philadelphia MegaCenter is the largest recovery center in the world and has over 500,000 square feet. The relevant square footage information is as follows: Continuity capabilities:

SunGard MegaCenters provide a total recovery environment, including support for your technology, applications, and people as set forth in Rhodia's proposal. MegaCenters incorporate the latest technology, state-of-the-art hardware, disk storage, telecommunications, and associated peripherals to meet your specific processing requirements.

- Support for 22 diverse technology platforms
- Equipment exclusively dedicated to testing and recovery
- Onsite expertise and technical support
- Access to multiple telecommunications providers
- Continuous, redundant power sources including UPS, battery and auxiliary diesel power

- Redundant HVAC systems
- · Multi-level fire detection and suppression systems
- Closed circuit TV security monitoring systems
- 24 x 7 staffing and facility monitoring
- · SunGard Site Interface for Mobile units

### Strategic platforms available:

#### IBM Mainframe

- · High Availability Services
- AS400
- DEC Alpha
- HP
- RS6000
- SUN
- Work Group
- Intel Based Servers
- NCR
- Seguent
- Tandem

### Voice Capabilities:

- Nortel Meridian
- 300 Digital phones
- Voice Mail
- Automated Attendant
- 112 Recorded Agent Positions
- Automatic Call Distribution

### Data Capabilities:

- · Dedicated and On-Demand
- SunGard Global Network Access
- Net ReDirect On-Demand DS1, DS3, OC3
- Web ReDirect Internet Recovery up to 155 Mbps

LAN Bridging - Up to ten 10Mbps, two100Mbps, one 1000Mbps GigE

### **Shared Circuit Services**

- AT&T Frame Relay DRO
- AT&T ATM DRO
- MCI Frame Relay PVC ReDirect
- ISDN

## Individual Customer Control Centers include:

- Support for Enterprise, Distributed and LAN Systems
- Dedicated security access during testing and continuity operations

### 10th floor - 15,000 square feet

15,000 square feet of raised computer flooring / (5,000 LAN Recovery suites / 9,000 square feet Mid-Range Recovery Centers / 1,000 square feet support area).

### 8th floor - 100,000 square feet

50,000 square feet of raised computer flooring / (9 Mainframe Command Centers & adjacent tape area), (12 Mid-Range Command Centers & adjacent equipment and tape areas)

50,000 square feet of administrative and support area.

7th floor - 100,000 square feet 52,000 square feet of raised computer flooring / (15,000 Lights-Out /25,000 Ready Condition / 12,000 Mid-Range Recovery Centers) 48,000 administrative and support areas.

6th floor - 100,000 square feet

54,000 square feet of raised computer flooring / (29,000 square feet Telcom/Network Control area

11,000 square feet IBM Recovery Centers

12,000 square feet Mid-Range Recovery Centers / 2,000 square feet Print Complex)

46,000 square feet of administrative and support areas

Mezzanine - 35,000 square feet 15,000 square feet of secured parking 20,000 square feet of secured storage area.

As the alternate recovery site proposed, SunGard's Carlstadt MegaCenter is located in a suburban setting and is centrally located to Route 3, the Garden State Parkway and the New Jersey Turnpike. The facility does not have a high risk or potential for natural disasters. Carlstadt is located the following distance from NY area major airports:

Newark-Liberty International
John F. Kennedy International
La Guardia Airport

16.5 miles (30 minutes)
30 miles (50 minutes)
18.5 miles (35 minutes)

### Fire Suppression

SunGard employs Halon extinguishing systems, pre-action sprinkler systems, and smoke and water detectors

- · Monitored fire suppression system throughout the facility
- The fire alarm system sounds at the fire station and within the facility
- Raised floor areas protected by both Halon or FM-200 and pre-action dry sprinkler systems
- Audible and visual alarms located throughout the facility
- Hand held extinguishers mounted and clearly marked throughout the facility
- The fire alarm system is inspected by our vendor on a quarterly basis
- The entire facility is inspected by the Fire Marshall semi-annually

### **Physical Security Controls:**

Access Control/Audit Logs

Prior to conducting a scheduled test or arriving for a recovery at the Recovery MegaCenter, customers are required to submit a list of those individuals who will be attending the test. Part of your permanent profile at SunGard will include a Project Leader and alternate who have authority to vouch for substitute personnel who may be attending due to unforeseen circumstances or changes at your organization.

You are to furnish your name. The Security Officer will be expecting your test group and will refer to the Guard Instruction Sheet. This sheet is prepared in advance of your arrival and contains the names of the persons who are expected to arrive, as described

previously. Each individual will be required to show picture identification for final access to the testing facility.

In addition, a written log is maintained for all visitors to the center. These logs are looked at daily by SunGard, and may also be reviewed by an authorized representative, at your request. The card key access also creates automatic audit trails of activity within the Center, which are likewise audited

Card Key Access

SunGard maintains a Programmable Key Access System within the Recovery Center. The system consists of thirty-one remote card readers that control access to all classified areas, including:

- All Equipment Configuration Rooms
- All Ready Conditioned Space
- All Office and Terminal Rooms
- Telecommunication Access Facilities

All activity is recorded on a security console and printer. Personnel changes, variation of access levels, and time zones are all made without retrieving the card or alerting a cardholder. The use of invalid card keys with incorrect access levels or time zones results in an alarm condition that is both signaled audibly and printed out.

You may assign security levels associated with appropriate cardholder and thereby limit access to assigned areas in conformity with your internal security policies. This permits you to limit access to only those individuals who are authorized to be part of your test/recovery.

All emergency exits are monitored

Central Monitoring Station

The entrance lobby and reception area is the central location where all monitoring occurs Our security staff monitors the facility from that point, around the clock. Such monitoring includes:

- Closed circuit television monitors which survey hallways, building lobby elevators, parking and office areas
- · All external doors are monitored
- Card activation multi-level cardkey security system centralizes print functions of all activity in that area
- Fire protection, A/C, and chilled water are monitored from there as well.

The mainframes themselves are physically positioned to provide customers in a multiple disaster situation with maximum security

### **HVAC/Mechanical Systems**

11th floor mechanical system:

"N + 2 redundancy" (two additional units in all areas above the number of units required for 100% of the total operational capacity)

Three (3) 400-ton screw chillers

Four (4) 300-ton Evapco dry coolers for free cooling below 40 degrees

Direct Digital Controls for entire mechanical system.

Primary/Secondary chilled water-pumping system with Variable Frequency Drives

Liebert computer room A/C units for raised floor and electrical/UPS/Telecom areas / Carrier air handlers for comfort cooling in administrative and support areas

10<sup>th</sup> floor mechanical system:

Nine (9) 15-ton Liebert direct expansion A/C units

30% ethylene glycol mixture cooled dry cooler loop

8<sup>th</sup> floor mechanical system:

Three (3) 200-ton Carrier air-cooled liquid chillers

Three (3) 100-ton BAC dry coolers for free cooling below 40 degrees

Direct Digital Controls for entire mechanical system.

Individual temperature controls in Command Centers

Primary/Secondary pumping system with redundant pumps and Variable Frequency Drives.

Liebert computer room A/C units for raised floor area / Carrier air handlers for comfort cooling in administration and support areas.

All units are located in a service corridor separate from customer areas.

Chilled water loop contains 30% Ethylene glycol mixture for freeze protection

7<sup>th</sup> floor mechanical system:

Four (4) - 200 ton Carrier air-cooled liquid chillers

One (1) - 300 ton Carrier air-cooled liquid chillers.

Two (2) - 800 GPM Aurora horizontal split case chilled water-circulating pumps; one is stand-by. Pumps serve the north side loop.

Two (2) - 1400 GPM Aurora horizontal split case chilled water-circulating pumps; one is stand-by. Pumps serve the south side loop.

Pump controls will automatically start stand-by pump on loss of flow

Chilled water contains 30% ethylene glycol for freeze protection to -10 degrees F.

Piping for chillers and pumps are designed to expand into a central chilled water plant with primary and secondary pumping

The Lights-Out computer room is cooled by twelve (12) 25-ton Liebert air conditioning units. The Ready Conditioned computer area is cooled by twelve (12) 25-ton Liebert air conditioning units; two (2) are stand-by

All Liebert A/C units are self-supported free standing and do not bridge with the raised floor. Liebert air conditioning units include electric reheat coils and infrared humidifiers.

The 6<sup>th</sup> floor north and 7th floor chilled water systems are cross-connected for added redundancy

### 6<sup>th</sup> floor mechanical system:

North system

One (1) - 300 ton Carrier air-cooled liquid chiller

Two (2) - 200 ton Carrier air-cooled liquid chillers

One (1) - 100 ton Westinghouse air-cooled liquid chiller.

Three (3) - 20 ton Liebert direct expansion A/C units

Two (2) - 15 ton Liebert direct expansion A/C units

Two (2) 1000 GPM redundant chilled water pumps

Liebert chilled water A/C units in raised floor areas / Carrier air-handlers for administrative and support areas

South system

Two (2) - 100 ton Carrier air-cooled liquid chillers

One (1) - 100 ton Bohn air-cooled liquid chiller.

Two (2) - 650 GPM redundant chilled water pumps

Liebert chilled water A/C units in raised floor areas / Carrier air-handlers for administrative and support areas

An individual custom design water trough/pan and independent water sensor support each A/C unit

The Lights-Out and Ready Conditioned & Mid-Range Computer Rooms are served by an air-handling unit delivering 100 % conditioned outside air to maintain the rooms at a positive pressure in relation to adjacent spaces. The positive pressure eliminates infiltration

of dust, minimizes moisture migration, and eliminates stale air detrimental to computer environments.

The raised floor areas are bonded with a self-leveling floor sealant for additional protection along with floor drains with trap primers that are provided beneath the raised computer room floor

### Water Detection System:

Each of SunGard's air-conditioning units has a water detection system in a pan under each unit

### **Backup Power Systems:**

All MegaCenter facilities have Diesel Generators for backup (with fuel) installed The Philadelphia MegaCenter facility has dual 13.2KV feeds from entirely separate power substations. In addition, automatic switching gear is installed for redundant failover Battery Backup is also installed within the facility for additional temporary protection.

Power is supplied to the ready-conditioned spaces that can support the simultaneous operation of both the hot and cold computer sites. Power control units are connected and operational in the conditioned computer facilities and are monitored on a daily basis.

Each facility has backup motor generators that can be switched to either the SunGard computer room or to the ready-conditioned spaces in the event the primary motor generator fails SunGard has installed fully automatic UPS's in all

Recovery Centers, in addition to our already secure, redundant power supplies. Plus, SunGard has made arrangements through several vendors to make available emergency generators, transformers and power distribution systems. This capability would be used in the event of a major power failure in SunGard's recovery facilities or to assist any customer who might have the need for emergency power.

SunGard supplies power to our systems through Power Distribution/Conditioning Centers and GE motor generators so that systems run at peak efficiency. Computer power is totally independent from the mechanical load.

SunGard's Philadelphia Recovery Center is directly supplied by dual 13.2 KV services. The electrical feeds supplying this service are completely underground and encased in concrete duct banks. There are multiple individual, independent points within the substation to which the 13.2 KV distribution feeds are attached, thus providing a true dual feed. In addition, an automatic transfer arrangement is installed between the dual 13.2 KV services which allows the total load to be automatically transferred from one line to the other should one 13.2 KV line fail or be shut down for any reason. The substation providing this service is one of the largest in the area and has separate and distinct yards.

Following is a list of the electrical equipment in use at SunGard's Philadelphia MegaCenter:

Two sets of dual 13.2KV feeds entering from two separate substations, Multiple 2000 KVA Transformer for 480 volt, 3-phase computer power, 500 KVA of 480 volt, 3-phase mechanical power, Liebert 3-phase computer conditioned power units total KA p.c.u.'s = 1000

Both power feeds are "hot" and terminate into an automatic switch. The switch is continuously monitoring the service. If a disruption occurred in the primary feed the switch would immediately transfer into the secondary supply.

### Power Redundancy

Another layer of power protection over SunGard's secure, redundant power supplies, SunGard has installed comprehensive UPS systems in all of its MegaCenters

Following is a list of the electrical equipment in use at SunGard's Philadelphia MegaCenter:

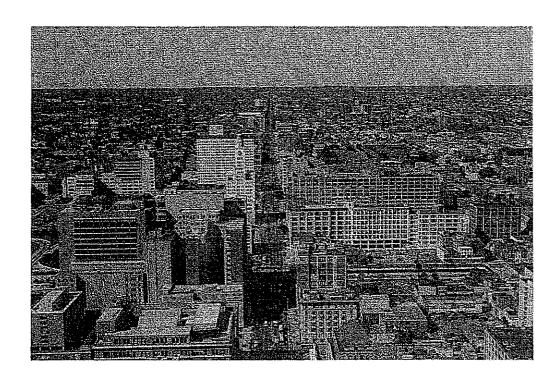
- Two sets of dual 13 2KV feeds entering from two separate substations,
- 1750 KVA Transformer for 480 volt, 3-phase computer power,
- 2000 KVA Transformer for 480 volt, 3-phase computer power,
- 500 KVA of 480 volt, 3-phase mechanical power,
- Three 75 KVA Motor Generators set 400 Hertz output switchable to computer rooms or ready conditioned spaces
- Liebert 3-phase computer conditioned power units total KA p.c.u 's = 1000

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- 500 KVA of 480 volt, 3-phase mechanical power,
- Three 75 KVA Motor Generators set 400 Hertz output switchable to computer rooms or ready conditioned spaces

Liebert 3-phase computer conditioned power units total KA p.c.u.'s = 1000



WELCOME TO 401 N. BROAD ST.



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### FACILITY ACCESS & SECURITY PROCEDURES

Upon entering the facility, each team member will be asked for government issued identification and to sign in at the front desk. If you are bringing a laptop into the facility, our Security personnel will ask you for the serial number. A security access badge will be issued for all team members. A log will be kept of personnel entering and exiting the facility. This log is for security tracking and is used as a checklist of personnel in the building in an emergency evacuation situation. When leaving the building for an extended amount of time, please sign out. This will help ensure the accuracy of this list and the safety of your team members in an emergency situation.

### Access Security

Additional, each OPERATIONS Facility will have special security procedures pertaining to that specific site. However, in general, the following will apply to all Facilities. Any additional security required to meet your special needs should be addressed on your Site Access Form found in your eTest Plan or in the Managed Services Portal

- All Managed Service Centers and computer rooms will be designated as
  "restricted" areas where access is limited to personnel on your authorization list.
  A copy of the authorization list must be provided to security personnel at the
  Facility. Security personnel will ensure that entry badges are available in the
  appropriate quantity and level of security. When distributing badges, security
  personnel may request two types of identification (Drivers license, company ID,
  etc).
- Upon your arrival to the Facility, you will be issued an access badge/key card.
   Upon leaving the building at the end of a day, you must surrender your access badge.
- NO data or supplies will be permitted out of the building without authorization on the part of the subscriber Recovery Team Manager. OPERATIONS, when it deems necessary, reserves the right to conduct searches of briefcases, tape carrying cases, purses, etc
- Computer room access will be allowed only to those personnel authorized by the subscriber's manager.
- When deemed necessary by the subscriber, guards can be made available to
  restrict access to the computer room at an additional cost. OPERATIONS
  reserves the right to challenge subscriber personnel and request re-identification
  when, in the opinion of OPERATIONS, Facility security may be compromised
- All subscribers will receive additional instructions on security procedures from the OPERATIONS Team, as necessary.
- Photographs are NOT permitted within the Facility.





### HOUSEKEEPING POLICIES

It is the policy of SunGard Availability Services to maintain each facility in a clean, orderly and safe manner. In general, we require that:

- There is NO SMOKING in the facility. Please limit smoking to outside the front of the facility
- There is NO food allowed in raised floor areas of the facility and computer rooms.
- The computer room and office areas are to be kept reasonably neat and orderly at all times
- Corridors and space around equipment be kept free of obstacles.
- Wastebaskets contain no material, which might involve a security risk to your organization
- You store only a limited amount of combustible paper in the computer room.
- You protect tapes and store them in an appropriate manner.
- Your people use the ashtrays provided in the smoking areas
- Upon departure, the Facility is returned to the same condition as it was upon your arrival.
- First Aid kits are available in the Customer Break Area. Other emergency supplies can be obtained by asking any OPERATIONS employee.

### CUSTOMER OWNED EQUIPMENT

## Recovery Customers:

SunGard's Account Executives work closely with our customers and prospects to determine which resources are critical to their business and then include those resources in their contract with SunGard. As a customer's recovery requirements change, the contract must be updated to make sure the customer will be recoverable in a disaster This is a critical process within our business model.

For this reason, customers are not allowed to bring their own equipment into SunGard's facilities for tests. This policy is necessary to prevent unrecoverable situations from developing and to avoid using SunGard infrastructure and support for non-SunGard equipment.

## **Managed Services Customers:**

Contact the local facility manager for questions.



### SUNGARD SOFTWARE PHILOSOPHY

Customers must utilize their own operating system and application software for recovery purposes. Your personnel will better understand their own software and the system and will be better prepared to recover, as opposed to using unfamiliar software

For Enterprise Servers, this requires that customers develop an alternate operating system. This can be done in two ways: a separate IODEF can be created for disaster recovery or the customer can incorporate SunGard's addresses into their operating system to allow use of the SunGard hardware configuration. This disaster recovery system should be periodically tested at the SunGard Availability Facility and be available from an offsite tape storage facility at the time of disaster.

To further enhance your capability to recover at the time of disaster in a Recovery Facility, you should perform the following functions:

- Copy backup data sets of all operating systems and associated software to tape
- · Test backup data sets at your site
- Arrange off site storage of the backup tapes
- Test all operating system software at the Recovery Facility
- Test all critical application software at the Recovery Facility
- Test communications capability





## DIRECTIONS TO 401 N. BROAD ST.

If you have difficulty reaching the center, call the receptionist at (800) 426-3966.

The address of the 401 N. Broad St. Center is: 401 N. Broad St. Philadelphia, PA 19108

### Traveling from Philadelphia International Airport:

Follow I-95 North about 10 miles from the airport interchange. Move into the left lane when you see signs for I-676 West. Exit I-95 onto I-676 West.

Take I-676 West about 1 mile and take the Broad Street exit. Note: The Broad Street exit puts you on 15th Street heading south move over immediately to the left land.

From 15th Street, turn left (East) onto Vine Street Stay in the left lane on Vine Street

Turn left (North) onto Broad Street at the next traffic light and cross Callowhill Street at the second light on Broad Street Move into the right hand lane.

SunGard's 401 North Broad Street building will be on your right at Callowhill Street and Broad. Note: Do not use the first garage entrance of the main entrance, which goes underneath the building.

The second garage entrance is to SunGard's indoor parking area and is up the blacktop ramp on the left side of the building. There is a large yellow "SUN" painted on the door. Proceed up the driveway and identify yourself via the speaker to the SunGard security personnel.

SunGard will open the steel garage door Drive up the ramp to the mezzanine level and park. Follow SunGard's signs to the sliding glass doors leading out of the garage. Enter into the Mezzanine and go to the Security desk for check-in.

### MAP OF 401 N. BROAD ST. FACILITY





#### **FACILITY SPECIFICATIONS**

#### Facility Overview

- Building construction date: 1931.
- 1,160,000 square feet, total building size.
- Mezz = 118,000 square feet
- 6<sup>th</sup> floor = 97,000 square feet
- 7<sup>th</sup> floor = 97,000 square feet
- 8<sup>th</sup> floor = 97,000 square feet
- 9<sup>th</sup> floor = 40,724 square feet
- 10<sup>th</sup> floor = 32,500 square feet
- 11<sup>th</sup> floor = 97,000 square feet
- (How Many) square feet of expansion capability
- Integrated life safely and facility engineering systems with centralized monitoring, enhanced operational supervision and accelerated response to monitor alarms.
- Image expresses technology, security and integrity by making mechanical and electrical systems self evident expressions rather than just symbolizing technology.
- All areas can be accessed by ramps at a gentle 1" to 1'-0" slope (1:12) for complete handicapped accessibility and ease of movement of materials and agricument
- The facility is supported by UPS and diesel generation.

#### Data Center

- 230,000 square feet of raised floor (6<sup>th</sup> floor = 54,000; 7<sup>th</sup> floor = 52,000; 8<sup>th</sup> floor = 50,000; 10<sup>th</sup> floor = 15,000; 11<sup>th</sup> floor = 59,000)
- 8<sup>th</sup> Floor Command Centers on carpet = 8,000 square feet
- Platforms supported: Mainframe, DEC, Tandem, AS400, RS6000, HP, SUN, PC/LAN, Workgroup, Sequent, Stratus, Filenet, Megavoice, NCR, Sequoia, Network, Data General, SGI
- · High Availability Solutions capability installed
- MetroStor capability installed.
- Minimum wall fire rating in 1-1/2" hour.
- Protected by Fike Cheetah control system, FM-200 under-floor suppression, an Intella-Scan graphics annunciator, and a pre-action sprinkler system
- 11th Floor = (3) 400 ton Carrier process chillers = 1200 Tons
- 11th Floor = (2) 400 ton Trane process chillers = 800 Tons
- Total 11th floor capacity 2000 Tons
- 11th floor has 1000 tons of Evapco dry coolers for free cooling in the winter months
- 8th Floor = (3) 200 ton Carrier process chillers = 600 Tons
- 8th Floor = (3) 500 ton Trane process chillers = 1500 Tons
- Total 6th, 7th, 8th & 9th floor Capacity 2100 Tons
- 8th floor has 600 tons of Evapco dry coolers for free cooling in winter months





#### MetroCenter

- 300 furnished Work Stations.

- 6<sup>th</sup> floor = 5,655 square feet 7<sup>th</sup> floor = 5,200 square feet 9<sup>th</sup> floor = 9,322 square feet (not including workstation areas)



#### Power Infrastructure

- (6)13,200V Caterpillers Generators total
   (4) 2000KW and (2) 1800KW
- (6) 4000 gallon AST = 32 hours at current load
- GE switches

```
11th Floor = (12) Powerware 9315-500
                                         = 6000KVA
10th Floor = (3) Powerware Plus 225
                                         = 675KVA
10th Floor = (1) Liebert UDA63300A36A279 = 300KVA
10th Floor = (1) Liebert UDA63229A36A917 = 225KVA
9th Floor = (1) Powerware 9315-160
                                         = 130KVA
8th Floor = (1) Liebert UDA63990A27A652 = 1000KVA
8th Floor = (1) Liebert UDA63125A25RT03 = 125KVA
8th Floor = (1) Liebert UDA36990A27A652
                                         = 100KVA
7th Floor = (1) Liebert UDA63991A27024
                                                = 1000KVA
7th Floor = (2) Piller 1000KVA Rotary UPS
                                         = 2000KVA
7th Floor = (1) Liebert 1000KVA (04/02/07)
                                         = 1000KVA
                                                 12,555KVA
```

- Sungard Philadelphia utilizes 13,200Volt breakers to transfer from utility to generator
- DataTrax Foreseer Server, Version: 4, 1, 174, 0 Monitors low voltage power (480V)
   Automated Logic WebCTRL Version 3.0 - Monitors and controls HVAC

GE Zenith SCADA - Monitors and controls utility and generator power (13,200V)

#### Security

- Integrated card reader security access system.
- · Closed circuit TV throughout the facility
- Exterior security cameras.
- 7x24 Security Service



## 401 N. BROAD ST. CONTACT INFORMATION

#### 401 N. Broad St. Operations Personnel

To contact 401 N. Broad St. Operations personnel while in the facility, please dial 0. A contact sheet for this facility is available upon request.

#### **Emergency Contact Information**

Fire and Rescue	9 911 (Emergency) or (215) 686-3060 (Non Emergency)
Ambulance	9 911 (Emergency) or (215) 686-3060 (Non Emergency)
Poison Control Center	9 911 (Emergency) or (215) 386-2100 (Non Emergency)
Local Police	9 911 (Emergency) or (215) 686-3060 (Non-Emergency)



## DIRECTORY OF U.S. RECOVERY FACILITIES

ARIZONA		NEW JERSEY	
PHOENIX	602-322-1699	CARLSTADT	201-729-2300
SCOTTSDALE	480-367-4100	VOORHEES	856-566-3600
CALIFORNIA		NEW YORK	
CYPRESS	714-995-8300	LONG ISLAND CITY	718-391-7000
SAN DIEGO	858-812-5300	NORTH CAROLINA	
SAN RAMON	925-743-8200	CHARLOTTE	704-969-2300
COLORADO		HUNTERSVILLE	704-948-3861
DENVER - NORTH	720-932-5800	RALEIGH DURHAM	
DENVER - SOUTH	303-942-2990	OHIO	
ENGLEWOOD	303-799-5156	COPLEY	330-668-2802
FLORIDA		OREGON	
LAKE MARY	407-771-0401	PORTLAND	330-668-2802
GEORGIA		PENNSYLVANIA	
ALPHARETTA	770-740-2460	PITTSBURGH	412-594-2030
ATLANTA	404-898-9118	PHILADELPHIA - 401	215-351-1300
SMYRNA	770-434-9988	PHILADELPHIA - MSC	267-321-2200
ILLINOIS	VIII. 11. 11. 11. 11. 11. 11. 11. 11. 11.	WARMINSTER	215-396-4500
NORTHBROOK	847-562-3100	TENNESSEE	
WOOD DALE	630-860-7860	NASHVILLE	
INDIANA		TEXAS	
INDIANAPOLIS	317-592-4980	AUSTIN	512-531-5400
KANSAS		GRAND PRAIRIE	972-641-3255
OVERLAND PARK	913-323-6880	LAS COLINAS	972-232-3000
MASSACHUSETTS		WASHINGTON	
TEWKSBURY	978-858- 0040/0003	RENTON	425-227-4814
WESTBOROUGH	508-616-1800	VIRGINIA	
MINNESOTA		HERNDON	703-326-4900
MINNEAPOLIS	612-656-3800		
ST. PAUL	651-643-3900	CANADA	
MICHIGAN		MISSISSAUGA	905-821-2800
DETROIT	248-473- 2410/8024	QUEBEC CITY	418-623-3511
MISSOURI		CALGARY	403-531-0640
ST. LOUIS	314-523-3600	MEXICO	
ST. LOUIS - MSC	314-754-0400	MEXICO CITY	011-52-722-270- 8821



#### RECOVERY ESCALATION POLICY

Below is a summarization of the SunGard Escalation Timetable:

Time Elapsed	SunGard Contact & Problem Owner
0 Minutes	SunGard Technician
30 Minutes	Duty Manager
1 Hour	Technical Manager
	Customer Service Coordinator or Designate
2 Hours	Customer Service Manager and Director of Customer Service
4 Hours	Vice President of Operations

# DISASTER & ALERT NOTIFICATION PROCEDURES FOR RECOVERY CUSTOMERS

#### Alert Notification

Customers are encouraged to put SunGard on alert when a situation poses an unacceptable degree of risk that could result in a disaster declaration.

Should you need to notify SunGard of an alert, contact SunGard's 24-hour hotline at 1-866-722-1313.

The SunGard front desk receiving the alert will request information regarding your situation and will fill out the Alert/Disaster Notification Log

Once an Alert is received, the Crisis Management Team is notified. The Crisis Management Team and/or your Account Executive or Customer Service Coordinator will check in with you periodically, at prearranged intervals, on the status of the situation. Updates will be maintained in a status log until the event is resolved by termination of the alert or by a resulting disaster notification.

#### Disaster Declaration

All subscribers are required to call the hotline number first when placing SunGard on Alert or Disaster. The SunGard Alert/Disaster hotline is to be used for all Alert/Disaster Notifications (please see Disaster Alerts subsection in this manual).

When calling to notify SunGard of an Alert/Disaster, you will be asked to provide some information to allow SunGard to begin the Alert/Disaster declaration activation process. SunGard's hotline is manned 24x7 and uses an automated paging/e-mail system to notify the Crisis Management Team. Please have your information ready when you call the hotline. The Alert/Disaster Notification page/e-mail automatically time stamps the notification.





In the event of a disaster, notify SunGard using the following steps as soon as possible:

Call the 24-hour Alert and Disaster Notification Hotline at 1-866-722-1313 or 215-351-1313.

- 1 Someone from Crisis Management Team will contact the Subscriber to confirm the Alert/Disaster that was called in to secure authorization.
- 2 Upon confirmation, the Crisis Management team member will request your password from your DDA (Disaster Declaration Authorization) form, if applicable. That will act as the final authorization to invoke the disaster. All individuals in your organization authorized to declare a disaster should know their password.
- 3 Upon authorization of your disaster, the Crisis Management Team will invoke Operations of the center affected. SunGard will begin preparation for your arrival. If there is any testing by other subscribers on the declared systems, their test will be suspended
- 4. The Crisis Management Team, Operations and Customer Service will review your last test plans with you to identify the accuracy, resources, supplies and services that will be needed for your recovery. Your Recovery Configuration will also be reviewed to identify any additional provisions you may require. The Recovery Configuration is created at time of disaster.
- 5. Upon your arrival at the SunGard Mega/Metro Center, we will acquaint your personnel with the subscriber areas and appropriate procedures for utilization.
- 6. In the event that your management desires to set up a command or control center, SunGard will assist in obtaining space as requested. This space may be in the SunGard Mega/MetroCenter or it may be in an office building or hotel in the immediate area
- 7. Once a subscriber declares, a written letter is required within twenty-four (24) hours, stating they have declared, on what platform, date/time and reason; on letterhead, a FAX is acceptable
- 8 A written letter to SunGard is required from a subscriber upon notification of disaster completion



### **RESTAURANTS & CATERING**

#### Casual Dining

The Capital Grille	1338 Chestnut St Philadelphia PA 19107	(215) 545-9588
Maggiano's Little Italy	1201 Filbert Street * Philadelphia, PA 19107	(215) 567-2020
McCormick & Schmick's Seafood Restaurant	One South Broad Street Philadelphia, Pennsylvania 19107	(215) 568-6888
Dave & Busters	Pier 19 North, 325 Delaware Ave Philadelphia PA	(215) 413-1951

## Catering

DiAntonio's (primary)	2071 Bennett Rd.	(215) 969-1386
	Philadelphia, PA 19116	
Jack Kramer's (secondary)	4217 Chestnut St.	(215) 662-5300
•	Philadelphia, PA 19104	

#### LOCAL ACCOMMODATIONS

Marriott Courtyard, The	21 N. Juniper Street	(215) 496-3200
	Philadelphia, PA	
Philadelphia Marriott	1201 Market Street	(215) 625-2900
	Philadelphia, PA	
Doubletree Hotel	237 South Broad St Philadelphia, PA	(215) 893-1600

## **COPYING & DUPLICATING SERVICES**

FedEx Kinko's	1816 Spring Garden Street	(215) 567-2679
The UPS Store	1735 Market Street	(215) 567-6006

## **OFFICE SUPPLIES**

Staples (877) 826-7755



## COURIER and SHIPPING SERVICES

FedEx

(800) 463-3339

DHL

(800) 225-5345

**UPS** 

(800) 880-2297

Transgroup (484) 494-4640

# TRANSPORTATION SERVICES

#### **Airlines**

800-443-7300	www.aa.com
800-247-5691	www americawest.com
800-426-0333	www.alaskaair.com
800-435-0040	www.continental.com
800-221-1212	www.delta-air.com
800-435-9792	www.iflyswa.com
800-241-6522	www.unitedairlines.com
800-428-4322	www.usair.com
•	800-247-5691 800-426-0333 800-435-0040 800-221-1212 800-435-9792 800-241-6522

#### Car & Truck Rentals

800-261-7331	www.enterprise.com
800-654-3131	www.hertz.com
888-826-6890	www nationalcar.com
800-297-9337	www.ryder.com
800-468-4285	www.uhaul.com
	800-654-3131 888-826-6890 800-297-9337

## Additional Transportation

Quaker Cab:	Philadelphia	(215) 728-8000
City Cab:	Philadelphia	(215) 492-6500
Yellow Cab:	Philadelphia	(333) 333-3333



Limousine Service:	Philadelphia Town Car and Limo – luxury service	(215) 651-7757
Shuttle Service: (vans to airport)	Dave's Best Limousine	(215) 288-1000
Bus Rentals:	USA Bus Charter	(800) 979-4498





#### A: 1900 Kanawha Blvd E, Charleston, WV 25305-0009

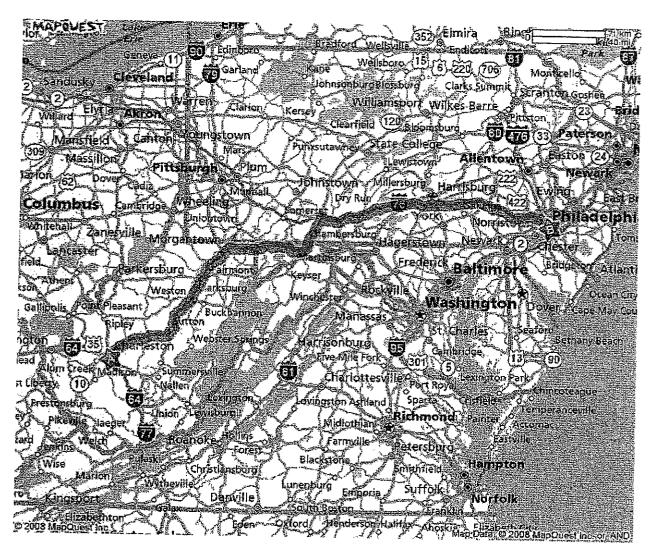
	·	
SIATI	1: Start out going WEST on KANAWHA BLVD E/US-60 toward GREENBRIER ST/WV-114	0.2 mi
	2: Turn RIGHT onto GREENBRIER ST/US-60/WV-114. Continue to follow GREENBRIER ST/WV-114.	
		0.5 mi
QCATH TTP	3: Merge onto I-77 N via the ramp on the LEFT toward PARKERSBURG/HUNTINGTON/I-79 (Portions toll).	
		3.5 mi
	4: Keep RIGHT to take I-79 N toward CLARKSBURG	
		148.1 mi
<b>(1)</b>	5: Merge onto I-68 E via EXIT 148 toward CUMBERLAND (Crossing into MARYLAND).	
	and the second and the second and an experience of the control of	78.2 mi
EXT	6: Take the US-220 N exit, EXIT 46, toward BEDFORD	
		0.1 mi
HARL	7: Take the BALTIMORE PIKE/MD-144 E ramp toward DE HAVEN RD	
(1) 2 m (1)	·	0.0 mi
	8: Turn LEFT onto ALI GHAN RD NE/MD-144/US-220	
		0.3 mi
SORTH)	9: Turn LEFT onto US-220 N (Crossing into PENNSYLVANIA)	
رييين)		29.7 mi

<b>(1)</b>
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10: Merge onto US-220 BR via EXIT 1 toward I-70/PENNSYLVANIA TURNPIKE/I-

	76/BEDFORD	
		0.7 mi
<b>®</b>	11: Merge onto I-76 E/PENNSYLVANIA TURNPIKE toward HARRISBURG/EXITS 12-39 (Portions toll)	e pagente de l'includente page i l'indige
		181 5 mi
(7)	12: Merge onto I-76 E via EXIT 326 toward I-476/PHILADELPHIA/US-202/VALLEY FORGE (Portions toll)	Miller (1965), all the Carbon Miller (1965)
		18.0 mi
	13: Keep LEFT to take VINE ST EXPY/I-676 E/US-30 E via EXIT 344 toward CENTRAL PHILADELPHIA	men yanka mangi min akayi negi i
		0.8 mi
	14: Take the exit toward BROAD STREET/CENTRAL PHILA	
		0.2 mi
	15: Take the ramp toward PA-611/BROAD STREET/PA CONVENTION CTR.	etro film and the presence
		0.1 mi
1	16: Stay STRAIGHT to go onto VINE ST	Photographic Managers and a Managers
· ·		0.1 mi
	17: Turn LEFT onto PA-611/N BROAD ST	en Ville (1964) - Lee valle - Lee (1964) - Lee (1964)
*		0.1 mi
END	18: End at 401 N Broad St Philadelphia, PA 19108-1001	And to Make to the total
error entre la	Estimated Time: 7 0 hours 24 minutes Estimated Distance: 462 02 miles	
B: 401 N	Broad St, Philadelphia, PA 19108-1001	water the second
us office control free objection		ter is mostly to get the com-

Total Time: 7.0 hours 24 minutes Total Distance: 462.02 miles



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