

SPECIFICATIONS FOR FILE SERVERS  
DEPARTMENT OF REHABILITATIVE SERVICES

I. SCOPE OF WORK

This work shall consist of providing all materials, labor, supervision, tools, equipment and incidentals necessary to furnish and deliver, File Servers and other specified equipment, software and components to the Department of Rehabilitative Services at various locations throughout Virginia. All equipment, materials and installation work shall comply with this Specification and Virginia OSHA Standards.

II. MATERIAL REQUIREMENTS

The following specifications are intended to define the level of quality and performance of the requested work and to be restrictive by manufacturer, brand, method of configuring a system, and method of accomplishing required functions, unless otherwise indicated. The word "shall" indicates a mandatory requirement. **Bidders : 1) Annotate and return these specification pages to indicate compliance 2) Provide pertinent technical data documenting compliance/equivalence with dimensions, quality, features, functions and performance.** All figures are minimums unless stated otherwise. The Commonwealth reserves the right to obtain technical data, to request clarifications and to set time limits for response, when deemed necessary. **Failure on the part of the Bidder to provide the aforementioned documentation may be cause to declare the bid non-responsive.** The offered equipment shall provide the following or approved equal dimensions, quality, features, functions and performance.

SPECIFICATIONS

OFFERED PRODUCT SPECIFICATIONS  
STATE MFR. & MODEL NO. \_\_\_\_\_

A. GENERAL REQUIREMENTS:

- 1. Hardware and software components shall be 100% functional and compatible with all integrated components. \_\_\_\_\_
- 2. Brand names or models specified in this solicitation shall be offered by the Vendor. **These are proprietary requirements and no substitutions will be allowed.** \_\_\_\_\_
- 3. Contractor shall notify the appropriate Agency contact, 24 hours prior to delivery. \_\_\_\_\_
- 4. Vendor shall replace Dead On Arrival systems within 24 hours of oral notification. \_\_\_\_\_

IFB 262:8-39

B. **SERVER REQUIREMENTS:**

1. The File Servers **shall** be Novell Labs, MS Windows NT, Banyan, OS/2 and SCO compatible. Contractor **shall** be responsible for compliance of compatibility.
2. The File Servers **shall** have a 72 hour burn-in period.
3. Servers **shall** be floor-standing systems with permanent labels indicating the manufacturers' name, model and serial number.
4. Twelve (12) each, File Servers **shall** be provided/delivered and consist of the following minimum features:
  - a. ASUS model P2L97 Pentium II 440LX APGset motherboard with three (3) 168 Pin DIMM slots.
  - b. 233MHz Pentium w/512 Cache, Heat Sink with cooling fan.
  - c. 64MB SDRAM (One - 64MB SDRAM module installed).
  - e. Adaptec 3940 Ultra Wide SCSI controller kit.
  - f. 1.44MB, 3.5" Floppy Drive.
  - g. Two (2) - 4.5GB Seagate Ultra-Wide SCSI HDD's, model #ST34572W with 8ms access, 512k cache, & 7200 rpm. **(set SCSI ID primary disk = 0, secondary disk = 1, plug SCSI chain/segment into SCSI adapter channel A).**

- h. Internal HP SureStore Tape 6000 with 8.0GB hardware data compression. **(SCSI ID=0, plug SCSI chain/segment SCSI adapter channel B).**
- i. Windows 95 Keyboard.
- j. Toshiba (#XM-5701), Internal 12X SCSI CD-ROM Drive with SCSI-2 interface, 1800Kbs transfer rate, 256k buffer. **(SCSI ID=1, plug SCSI chain/segment into SCSI adapter channel B).**
- k. Full tower case with 300 Watt power supply, four(4) 5.25" and two(2) 3.5" external drive bays and three(3) 3.5" internal(hidden) drive bays.

**Shipping Instructions: All File Servers are to be sent to the Richmond Central Office. (See Attachment 1 for addresses)**

**C. LAN ADAPTER CARD, MODEM AND HUB REQUIREMENTS:**

- 1. Eighteen (18) each , Hewlett Packard 27247B PC LAN adapter 16 bit cards
- 2. Sixty-five (65) each, SMC EtherPower II 10/100 network cards (SMC9432TX)
- 3. Thirty-six (36) each, 3Com EtherLink III LAN+33.6 Modem PC Card (3C562D – COMBO).

**Shipping Instructions: All LAN Adapter and Modem PC Cards are to be sent to the Richmond Central Office. (See Attachment 1 for addresses)**

4. Twenty-four (24) each, Hewlett Packard 12 \_\_\_\_\_  
Port Hub Plus (HP 28688B) \_\_\_\_\_

**Shipping Instructions: Two (2) HP 12 Port Hub Plus are to be sent to each of the following offices: Chesterfield, Harrisonburg, Charlottesville, Fredericksburg and Lynchburg. One (1) hub is to be sent to each of the remaining offices: Culpepper, Marion, Richlands, Wytheville, Christiansburg, Farmville, Leesburg, Martinville, Petersburg, South Boston, St. Paul, University of Virginia, Williamsburg and Richmond Central Office. (See Attachment 1 for addresses)**

D. **UNINTERRUPTIBLE POWER SUPPLY REQUIREMENTS:**

1. Seven (7) Smart-UPS 1000NET **shall** be \_\_\_\_\_  
provided/delivered. \_\_\_\_\_
2. PowerChute® plus software for Novell, \_\_\_\_\_  
**shall** be provided/delivered for advanced \_\_\_\_\_  
power management and diagnostics. \_\_\_\_\_

**Shipping Instructions: One (1) UPS is to be sent to each of the following offices: Richlands, Wytheville, Charlottesville, Christiansburg, Fredericksburg, Martinsville, and Williamsburg. (See Attachment 1 for addresses)**

E. **SOFTWARE REQUIREMENTS:**

1. Seven (7) each, Arcserve 6.1 for Netware, \_\_\_\_\_  
25 user version CD ROM. \_\_\_\_\_
2. Contractor **shall** supply all necessary \_\_\_\_\_  
software on 3.5" diskettes or CD-ROM. \_\_\_\_\_
3. All software and/or drivers **shall** be \_\_\_\_\_  
supplied and installed for all appropriate \_\_\_\_\_  
components and systems to ensure a fully \_\_\_\_\_  
functional/operational system is provided. \_\_\_\_\_

**Shipping Instructions: All Arcserve 6.1 software for NetWare is to be sent to the Richmond Central Office. (See Attachment 1 for addresses)**

F. **WARRANTY REQUIREMENTS:**

1. A toll-free phone number **shall** be provided \_\_\_\_\_  
to the Agency for service related calls. \_\_\_\_\_  
The Contractor **shall** return the service \_\_\_\_\_  
call within 2 hours from initial notification. \_\_\_\_\_

2. Contractor **shall** provide a 2 year warranty \_\_\_\_\_  
for each UPS, Hub, Modem and NIC with \_\_\_\_\_  
100% parts, labor and transportation \_\_\_\_\_  
included. \_\_\_\_\_

3. Contractor **shall** provide a 2 year on-site \_\_\_\_\_  
warranty for each Server with a 24 hour \_\_\_\_\_  
response time from the initial service call. \_\_\_\_\_  
All warranty services **shall** be provided \_\_\_\_\_  
between the hours of 8:00 a.m. and \_\_\_\_\_  
5:00 p.m. Monday through Friday, State \_\_\_\_\_  
and Local holidays excluded. If the Con- \_\_\_\_\_  
tractor is unable to repair the problem \_\_\_\_\_  
within 48 hours, a replacement unit **shall** \_\_\_\_\_  
be installed at the user location upon their \_\_\_\_\_  
request, until the original unit is returned in \_\_\_\_\_  
good working conditions. The repairs unit \_\_\_\_\_  
shall be returned to DRS within 72 hours of \_\_\_\_\_  
first notification of the problem. 100% \_\_\_\_\_  
parts, labor and transportation both ways \_\_\_\_\_  
**shall** be included. \_\_\_\_\_

If during the warranty service call it is \_\_\_\_\_  
determined, based on proof from the \_\_\_\_\_  
Contractor, that the malfunction is \_\_\_\_\_  
not because of Contractor supplied \_\_\_\_\_  
hardware/software, a time and materials \_\_\_\_\_  
charge may be billed to the agency. All \_\_\_\_\_  
time and materials charges must be \_\_\_\_\_  
approved by the agency in advance. \_\_\_\_\_  
Parts shall be provided at Contractor's \_\_\_\_\_  
cost. The Contractor shall provide a copy \_\_\_\_\_  
of their suppliers invoice notating the cost \_\_\_\_\_  
of each part provided. \_\_\_\_\_

4. Contractor **shall** provide a 5 year warranty \_\_\_\_\_  
on parts and labor for each hard drive with \_\_\_\_\_

100% parts, labor and transportation included.

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5, Upon completion of any maintenance call, the Contractor shall provide DRS with a signed service report that includes, at a minimum: a general statement as to the problem, action taken, any materials or parts furnished or used, and the number of hours required to complete the repairs.

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G. **DOCUMENTATION REQUIREMENTS:**

1. Complete documentation on all hardware components **shall** be provided with the equipment.

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2. Documentation, registration, and licensing for supplied software shall be provided with the equipment.

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3. A complete list of jumper settings, interrupts, address and other pertinent configuration information on all hardware components as installed and assembled, **shall** be provided.

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**ATTACHMENT 1  
OFFICE ADDRESSES**

**Chesterfield Office:** Attention Susan Green  
Department of Rehabilitative Services  
9503 Hull Street Road  
Suite 401  
Chesterfield, Virginia 23236

**Culpepper Office:** Attention Deborah Jenkins  
Department of Rehabilitative Services  
767 Madison Road  
Suite 116  
Culpepper, Virginia 22701

**Harrisonburg Office:** Attention Nancy Harlow  
Department of Rehabilitative Services  
1909-B East Market Street  
Harrisonburg, Virginia 22801

**Marion Office:** Attention Janet Barr  
Department of Rehabilitative Services  
945 Main Street  
Marion, Virginia 24354

**Richlands Office:** Attention Larry Overby  
Department of Rehabilitative Services  
1300 2<sup>nd</sup> Street  
Richlands, Virginia 24641

**Wytheville Office:** Attention Phyllis Arnold  
Department of Rehabilitative Services  
525 West Monroe Street  
Wytheville, Virginia 24382

**Charlottesville Office:** Attention Kem Kirby  
Department of Rehabilitative Services  
600 East Water Street  
Charlottesville, Virginia 22902

**Christiansburg Office:** Attention Judy Harkrader  
Department of Rehabilitative Services  
70 East First Street

Christiansburg, Virginia 24073

**ATTACHMENT 1  
OFFICE ADDRESSES**

**Farmville Office:** Attention Beverly Dunnavant  
Department of Rehabilitative Services  
1506 West Main Street  
Unit 3  
Farmville, Virginia 23901

**Fredericksburg Office:** Attention Pat Craig  
Department of Rehabilitative Services  
308 Westwood Office Park  
Fredericksburg, Virginia 22401

**Leesburg Office:** Attention Evan Jones  
Department of Rehabilitative Services  
602 South King Street  
Suite 202  
Leesburg, Virginia 22075

**Lynchburg Office:** Attention Gloria Rogers  
Department of Rehabilitative Services  
2250 Murrell Road  
Lynchburg, Virginia 24505

**Martinsville Office:** Attention Linda Cabiness  
Department of Rehabilitative Services  
914 Brookdale Drive  
Martinsville, Virginia 24112

**Petersburg Office:** Attention Bernice Richardson  
Department of Rehabilitative Services  
2795 South Crater Road  
Suite 1  
Petersburg, Virginia 23805

**South Boston Office:** Attention Peggy Bane  
Department of Rehabilitative Services  
1639 Seymour Drive  
South Boston, Virginia 24592

**ATTACHMENT 1  
OFFICE ADDRESSES**

**St. Paul Office:** Attention Mary Bays  
Department of Rehabilitative Services  
Route 58  
St. Paul, Virginia 24283

**University of Virginia Hospital Office:** Attention Sharon Cason  
Department of Rehabilitative Services  
University of Virginia Hospital – West  
Davis 2<sup>nd</sup> Floor  
Room 2335  
Charlottesville, Virginia 22908

**Williamsburg Office:** Attention Edith Ashlock  
Department of Rehabilitative Services  
2225 South Henry Street  
Williamsburg, Virginia 23185

**Richmond Central Office:** Attention David Williams  
Department of Rehabilitative Services  
8004 Franklin Farms Drive  
Richmond, Virginia 23288-0300