

SPECIFICATIONS FOR PENTIUM WORKSTATIONS
DEPARTMENT OF SOCIAL SERVICES

I. SCOPE OF WORK

This work shall consist of providing all materials, labor, supervision, tools, equipment and incidentals necessary to furnish, deliver, unpack, set in place, label and connect to the LAN, operational Pentium Computer Workstations for the Department of Social Services, at various locations throughout the Commonwealth of 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 not to be restrictive by manufacturer, brand, method of configuring a system, and method of accomplishing required functions, unless otherwise indicated. **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 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. Workstations' manufacturer **shall** be ISO 9002 certified. A copy of this certification **shall** be provided and returned with these specifications.
2. Each workstation **shall** have a 72-hour burn-in period before delivery.
3. CPU case and monitor **shall** be the same color.
4. Workstation and monitor **shall** be Energy Star compliant.
5. Workstations **shall** be delivered with the Energy Star low-power feature activated or enabled.

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6. Monitors **shall** be capable of entering a low-power mode when connected to the accompanying PC.

7. Workstations **shall** be capable of running commercial off-the-shelf software both before and after recovery from a lower-power state, including retention of files opened before the power management feature was activated.

8. Workstations **shall** have permanent labels indicating manufacturers' name, model and serial number.

9. Hardware and software components **shall** be 100% functional and compatible with integrated components.

10. Workstation processor **shall** be upgradable to a minimum of 200MHz.

11. Each workstation **shall** be provided with a patch cord with RJ-45 connectors. **(Minimum of 6 feet)**

12. The Contractor **shall** set-up and connect the provided workstations to the LAN and also **shall** provide and install one surge protector (Listed in Section D.), to each workstation.

13. All applicable workstation components **shall** have UL, FCC B, and EIA rated components or equal listings/certifications

B. WORKSTATION COMPUTER REQUIREMENTS:

1. Offered Workstations **shall** have the following minimum features:

- a. 133MHz Pentium w/cooling fan
- b. Intel based motherboard with a BIOS

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- desktop management interface(DMI)
browser/client that is DMI 2.0 compliant
and components to support the service
layer.
- c. 32MB EDO RAM
- d. 512k cache
- e. 2GB EIDE Hard Drive;
12ms access;
128K Buffer
- f. 64-bit PCI Graphics Interface Card
with 2MB/RAM
- g. EIDE controller; 4 device support
- h. 1.44MB Diskette Drive
- i. One Universal Serial Bus interface
- j. One EPP/ECP parallel port
- k. Two 16550 UART serial ports
- l. 4 PCI & 3 ISA slots
- m. Windows 95 Keyboard
- n. MS Mouse w/mousepad
- o. Plug and Play support
- p. 12X CD-ROM drive; 1800KB/sec.
- q. PCI Ethernet Network Interface
Card; RJ-45 connector; IEEE 802.3
compliant; 10Mbps
- r. 15" NI Monitor; Tilt/Swivel Base;
13.8" Viewable area; .28 dot pitch;
1280 x 1024 NI resolution; Digital
controls; MPR-II compliant; Anit-glare
screen; Energy Star Compliant

C. **ADDITION/UPGRADE OPTION REQUIREMENTS: (The purchasing Agency will evaluate bids to include any addition(s)/option(s) desired from the following:)**

1. The Agency **shall** have the option to upgrade the 15" NI monitors in Section B. (Listed Above) to 17" NI monitors that **shall** have the following minimum features:
 - a. 15.7" Viewable area
 - b. 1280 x 1024 NI resolution
 - c. .28 dot pitch
 - d. Tilt/Swivel Base
 - e. MPR-II Compliant
 - f. Energy Star Compliant
 - g. Digital Controls

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h. Anti-glare screen

2. The Agency **shall** have the option to upgrade the 133MHz CPU in Section B. (Listed Above) to a 166MHz CPU.

3. The Agency **shall** have the option to add the following Windows 95 software package, MS Office 97 Standard Version, to Section E. (Listed Below)

D. FLOOR MODEL SURGE PROTECTOR REQUIREMENTS:

1. The Suppressor **shall** be UL 1449, 1283 and 1363 or equivalently certified.

2. The Suppressor **shall** comply with ANSI/IEEE 587 category A tests.

3. Nominal line voltage **shall** be 120VAC, 50/60Hz.

4. Surge response time **shall** be less than 1 nano second.

5. Suppressor **shall** have a "Circuitry Working" indicator.

6. Suppressor **shall** provide RFI/EMI noise filtering.

7. Suppressor **shall** have a master on/off switch.

8. Suppressor **shall** have a minimum of six NEMA 5-15R receptacles.

9. A surge protector **shall** be supplied for each offered workstation.

10. Surge protectors **shall** be provided with a lifetime warranty.

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2. **Pre-delivery:** On award of the contract, the Contractor **shall** provide the prototype equipment to the Agency within seven (7) days. The Agency will develop the model hard drive configuration. The Contractor **shall** provide the needed licenses for software for items in Section E., and the Agency will provide the licenses on the remaining software to be added to the hard drive. Approximately seven (7) days from the receipt of the prototype, the Agency will return the prototype to the Contractor who **shall** then configure each workstation according to the model hard drive configuration, prior to delivery. The prototype **shall** be shipped in care of:

**Department of Social Services
Attn: Mr. Howard Weiner
730 East Broad Street, Th Floor
Richmond, Va. 23219
(804) 692-1601**

3. **Delivery:** Contractor **shall** connect the computers to the new lines via the LAN/hub or switch device designated by the Agency. The Contractor **shall** test all connections from the new line at the customer site: check on satisfactory operation of the IP and terminal addresses and of connectivity to Internet, intranet, Unisys and IBM mainframes, and E-mail. For the terminal addresses and connectivity to the mainframe computers, the Contractor will be provided with the Id's after an Award has been made. Finally, the Contractor **shall** test for satisfactory operation of all software.

The delivery and installation **shall** follow the attached schedule (**See Attachments**), which is based on an estimated Award date of September 1, 1997. In the event of a later Award date, the delivery schedule will be modified accordingly. The Agency will notify the Contractor if delivery and installation can be accomplished before the schedule date.

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4. **Inventory:** The Contractor **shall** furnish and place bar coded tags on front of the monitor and system unit. The Agency will provide the starting number. The following information **shall** be recorded for each tag and provided as an ASCII text file suitable for Import to MS Excel. Each line/record **shall** consist of the following five(5) fields:

- a. Six-digit equipment number
- b. Full description of equipment (brand name, model number)
- c. Serial number
- d. Physical location (county/city, satellite office by name, fips, zip code)
- e. Install date (to initiate warranty period)

G. MAINTENANCE/WARRANTY REQUIREMENTS:

- 1. All on-site maintenance **shall** be provided between the hours of 8:15 AM and 5:00 PM, Monday through Friday, exempting State and Federal holidays.

- 2. Contractor **shall** provide 2 year on-site, next business day, warranty service with 100% parts, labor and transportation included.

- 3. A toll-free phone number **shall** be provided to the Agency for service related calls with a 2 hour return call limit.

H. POST-INSTALLATION DOCUMENTATION REQUIREMENTS:

- 1. Complete documentation on all hardware components **shall** be provided for each workstation.

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2. Appropriate documentation, registration, and licensing for all supplied software **shall** be provided, on CD-ROM, if available, for each workstation.

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III. INSTALLATION

The Contractor **shall** plan and coordinate the performance of the work with the Agency's Representative in order to expedite the work so as to cause minimal disturbance of facilities. The Contractor **shall** notify the Agency's Representative at least 3 working days prior to beginning such work, for each delivery site.

Work **shall** be performed by competent technicians who are familiar with the specific equipment. The Contractor **shall** be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work.

The installation work **shall** be performed in accordance with the manufacturer's recommendations and these Specifications. The Contractor shall also set up the IP addresses and then configure for terminal Ids (including PIDs), on site, for each unit, at all delivery addresses. The Contractor **shall** pick-up and lawfully dispose of all installation debris off State property at the conclusion of each work day.

Any damage to existing equipment or finished surfaces resulting from this work **shall** be repaired to the Agency's satisfaction at the Contractor's sole expense.

At the conclusion of the work, the Contractor **shall** demonstrate to the Agency's Representative or assigned designee, that the work is fully operational and in compliance with these Specifications.