

## SECTION VII TECHNICAL SPECIFICATIONS

### I. GENERAL

The State of Mississippi seeks to acquire 6,000 to 12,000 personal computers and related services to support Governor Musgrove's initiative of placing an Internet-accessible computer in every public elementary and secondary classroom in Mississippi by the end of 2002.

Mississippi has laid a strong foundation for education and desires to continue to take sound and innovative measures to strengthen the schools within our state. Technology and the world wide web offer exceptional educational resources for Mississippi's school children and teachers. The public and private sectors, working together, have the capability to make technology and the world wide web resources available to Mississippi's school children and teachers by placing an Internet-accessible computer in every classroom in every school in every district in every county of the State of Mississippi.

### I. MANAGEMENT OF THE PROCUREMENT PROCESS

#### A. Procurement Schedule

The schedule for this project follows. All references to time are Central Standard Time.

Release of the RFP	05/23/2000
Vendor Questions due by 12:00 Noon	05/31/2000
Formal Answers Released (close-of-business)	06/06/2000
Proposals Due by 3:00 PM	06/15/2000
<i>ITS</i> Board Presentation	07/21/2000
<i>ITS</i> Award Announcement	07/21/2000
Contract Signed	07/28/2000
Project Initiation	08/01/2000

#### B. Cost Proposal and Payment Terms

1. The Vendor must include and complete all parts of the cost proposal forms in a clear and

accurate manner. **Significant errors in the required detail levels of the Vendor's cost proposal may be grounds for rejection of the Vendor's proposal.**

2. The Vendor must submit a complete dollar cost for all Hardware and Services requested in this RFP. The Vendor must also submit cost in the categories provided in Exhibit A, providing a total cost per the categories of Hardware, Software, Professional Services, and Other Costs.
3. The Vendor must quote the change order rates for additional installation services performed after initial product installation. All cost factors, such as rate, travel, per diem, etc. must be included in the change order rates. Rates must be provided as indicated in Exhibit A.

## **I. REQUIREMENTS**

### **A. Statement of Understanding**

1. The State is most interested in quantity discounts making optimal use of available funds. Therefore a single award may occur. However, the State reserves the right to make multiple awards if it is in the best interest of the overall project.
2. The State guarantees, with this acquisition, the purchase of a minimum of 6,000 Internet-accessible personal computers. In the event of multiple awards, awards will be made in no less than 1,000 unit increments.
3. The State will acquire during Calendar Year 2000, up to an additional 3,000 Internet-accessible personal computers.
4. The State will acquire up to 12,000 Internet-accessible personal computers by June 30, 2002.
5. The State reserves the right to re-negotiate with any or all awarded Vendor(s) or produce additional RFP(s) for this acquisition at the end of each calendar year.
6. The State requires delivery of this purchase to be on a quarterly basis. **Need to explain this in greater detail.**
7. The State will remit payment for any task described herein when that task is completed to the State's satisfaction and a 30 day Acceptance Period has expired. Invoices for

“Accepted” tasks may be submitted to the State by the Vendor on a monthly basis. This statement may be deleted, must verify how it is worded in our Boilerplate.

8. This acquisition does not include patch cables. Each school will be responsible for providing such cables.

## **B. Vendor Requirements**

1. To be considered responsive to the RFP, the vendor must substantiate to the satisfaction of the State that its company has sufficient resources to complete the project successfully. The vendor must supply staff of sufficient types and numbers as necessary, to accomplish the successful completion of the project.
2. Vendor must be an authorized dealer in good standing of the products/services included in the proposal. Provide certification documentation in RFP response.
3. Vendor must be able to deliver all items proposed in the time frame specified in Vendor’s response to this RFP.
4. Vendor must substantiate their financial ability to provide the hardware, warranty, sales support and services demanded in this RFP.
5. Vendor must submit a certified copy of the vendor’s financial statement for each of the last three (3) years. A copy of the annual report is also required and must include, at a minimum a balance sheet and an income statement. Vendor must clearly indicate Vendor’s legal tax status (i.e. individual, partnership, corporation, etc.).
6. Vendor must submit information related to its corporation background. The Vendor’s background section must include the Vendor and each subcontractor (if any), background details regarding the corporation, and details of corporate experience relevant to the proposed contract.

The background details of the Vendor’s firm, size and resources must include:

- a. Date established
- b. Ownership (public company, partnership, subsidiary, etc.), including the officers or partners of the corporation, and the name and address of its registered agent
- c. Number of employees
- d. Number of contract workers

## C. Hardware Requirements

### 1. *ITS* ENTERPRISE DESIGNATIONS

a. It is highly preferable that proposed systems be rated as a “*ITS* Enterprise System” as defined by the Mississippi Department of Information Technology Services. *ITS* Enterprise Systems are systems from manufacturers or dealers of manufacturers with a <sup>1</sup>Gartner Group “Enterprise-” or “Middle-Tier” rating (branded commercial offerings only). Vendor proposing other manufacturers must substantiate the quality of their system using Gartner standards and describing the specific components and manufacturing processes used.

#### b. *ITS* Enterprise List - Desktop Manufacturers (non-portables)

The Gartner Enterprise-Tier and Middle-Tier lists for desktop manufacturers for **North America** consist of the following:

- a. Acer
- b. Compaq
- c. Dell
- d. Gateway
- e. Hewlett-Packard
- f. IBM
- g. Micron
- h. NEC (Packard Bell-NEC) \* *Gartner Problem Watch*
- i. Samsung/AST \* *Gartner Problem Watch*

The Gartner “Enterprise-Tier” and “Middle-Tier” rated Non-Portable Enterprise offerings must be branded as commercial. Examples of non-commercial offerings include A-Open, Compaq Presario and Prosignia, Dell Dimension, Gateway 2000 G Series, and IBM Aptiva.

### 3. *Non-ITS* Enterprise List systems

Vendors proposing a system other than from the Gartner Enterprise-Tier and Middle-Tier list for desktop manufacturers **must** substantiate the quality of the proposed system in

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<sup>1</sup>Gartner Group is an independent provider of research and analysis on the information technology industry. (203) 316-1244

comparison with the Gartner standards.

#### D. Technical Specifications

##### **Specifications listed below are minimum and may be exceeded**

1. Intel Pentium III with 100 MHz front side bus  
**Do we need to add AMD or Celeron boxes? — check internally**
2. 512k L2 cache or 256k Advanced Transfer Cache
3. Speed: 500MHz
4. Base RAM: 64MB 100MHz SDRAM System must be capable of expanding to 128MB without replacing existing RAM. Total RAM expandability must be 256MB minimum. 133MHz SDRAM acceptable
5. Base Video RAM: 4MB dedicated with minimum 8MB total (dynamic/shared OR AGP dedicated)
6. Hard Drive Size & Controller: 6GB (formatted) ATA 33
7. OS: Windows 98. System must be NT compatible with school responsible for any upgrade cost
8. CRT Monitor: 17" color monitor with .28 mm dot pitch supporting resolutions up to 1024 x 768 in noninterlaced mode. This resolution should be the manufacturer recommended/optimal (flicker-free) resolution, not necessarily the maximum.
9. Network Card (NIC): 10/100 fast ethernet
10. Internal CD- ROM 32x ATAPI
11. Internal 1.44MB 3.5" diskette drive
12. One parallel port, one serial port, and two USB ports
13. Motherboard must have a minimum of 2 ISA/PCI vacant expansion slots after full base configuration.
14. 104-key heavy-duty keyboard
15. 2 button high resolution mouse
16. SoundBlaster compatible 16-bit sound card, speakers and applicable software. Speakers with AC power supply and applicable software must be capable of sufficient power output to broadcast sound throughout a normal size classroom without degradation or damage to the units at optimal volume levels.
17. Components must be FCC Class B certified
18. System or its family must be Novell certified. This requirement is waived for systems classified as a ITS Enterprise System.
19. Vendors must propose systems which are configured with all components provided by the base manufacturer, with the possible exception of monitors, speakers, NICs, which may be

supplied by 3<sup>rd</sup> party when not available by base manufacturers. The only acceptable 3<sup>rd</sup> party NICs are 3COM, Allied Telesyn, Intel or SMC.

This statement will probably be rolled into Item C.4 above.

#### **D. Warranty Requirements**

E. 3 year warranty provided by proposing vendor.

F. 1<sup>st</sup> year warranty on-site with parts and labor.

G. 2<sup>nd</sup> and 3<sup>rd</sup> year warranty to include parts and labor.

H. Warranty must include system, monitor, and all peripherals, regardless of manufacturer's warranty.

I will gather terminology we use in other Letters of Configuration and plug for tomorrow.

#### **E. Installation Requirements**

1. Installation must include uncrating and setting up the base system, including software value-adds.

2. Vendor must ensure that the proposed equipment is fully operational, according to the specifications, and performs properly.

3. Installation does not include network configuration.

4. Delivered FOB destination to school

5. The requested base system with selected options must be fully configured prior to shipment.

6. Operating system media and all support driver media and manuals must be provided.

7. Vendor must complete installation within \_\_\_\_\_ days from \_\_\_\_\_.

#### **F. Software Value-Adds**

1. Anti-virus software.

2. Multi-function office package such as Microsoft Office or Corel Office Suite.

#### **I. Acceptance Criteria**

To be created before draft #2.

#### **V. Purchasing Criteria**

Information regarding how this will be purchased and the contacts should be determined and provided.

## **V. Evaluation Criteria**

The evaluation process will be described, am working on the wording currently. Will provide in Draft #2.