GEORGIA STATE UNIVERSITY
Proposal for the Use of FY2004 Technology Fees
Priority # 10
(Due Date: Monday, March 10, 2003)

Submitting Organization(s)
Major Unit: Robinson College of Business
Department: Computer Information Systems
Contact Person Name: Roderick Padilla
Contact Person Email: rpadilla@gsu.edu
Contact Person Phone: 1-3832

1. Project Short Title

| Student Server Rack and Production Server Replacement |

2. Total Requested Amount (reference to funding for "Years Following" removed)

<table>
<thead>
<tr>
<th>Fiscal Year 2004</th>
</tr>
</thead>
<tbody>
<tr>
<td>$40,017</td>
</tr>
</tbody>
</table>

3. Executive Summary

<table>
<thead>
<tr>
<th>Project Description (Three or four sentences)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The project replaces the CIS Department's obsolete web and database server. This server is used primarily for student access to CIS course exercises and materials that cannot be provided through WebCT, course information, and announcements for students.</td>
</tr>
</tbody>
</table>

4. Project Description

The project replaces the CIS Department's obsolete web and database server. This server does not meet the threshold of the University minimum performance criteria for servers. This server is used primarily for student access to CIS course exercises and materials that cannot be provided through WebCT, course information, and announcements for students. Examples include student Rational licensing, general student news and announcements, student participation in department's Shared Interest Groups, and student access to CIS Reports. The project will also allow CIS students cost-free, immediate and trouble-free access to all software required for them to complete their coursework. Included in this project is a mounting rack that completes a technology fee project funded last year. That system, while functional, is improperly mounted because existing rack was too small.

All CIS student projects have returned to our servers, and are better supported than from the commercial services for which they have paid. Our students now download, without charge, all of the software required for their CIS classes through CIS servers.
5. Relevance to Regents Guidelines

This proposal is relevant to Regents guidelines [1] [2] and [3]. The expenditures will directly benefit the students in meeting the educational objectives of both the graduate and undergraduate information systems programs. The expenditures are primarily for software, hardware and network support in an online server for student access to special-purpose course materials.

6. Relevance to Strategic Plan(s)

As stated in the University Strategic plan, a five-year goal is to strengthen electronic commerce, new technologies, computer information systems and computer science. We coupled this goal with "the explicit expectation in the university plans for a faculty and student body that participate actively in scholarly pursuits, especially those that make contributions through research or professional activities." This project is also important to the key strategies for involving our students in developing the CIS Department as "the academic leader in the advancement of information systems and technology." This project effectively and directly enables and encourages student contribution to these planned University, College and Departmental expectations and goals.

7. Impact on Students Served

This server currently serves approximately 1500 CIS undergraduate majors, 500 CIS graduate majors and approximately 1000 other GSU students enrolled in CIS classes. The server is available through the web 24x7. The server will continue to be staffed and maintained by CIS Technical Support.

8. Justification of Funding Requirements for Fiscal Year 2004

To accomplish these goals, the following one-time expenditures are necessary:

<table>
<thead>
<tr>
<th>Object of Expense</th>
<th>Itemized Descriptions</th>
<th>Quantity</th>
<th>Extended $ Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment (Note: Use standard dollar amounts and replacement thresholds from sections 10/11, or provide explanation in sections 10/11)</td>
<td>Compaq Production Server</td>
<td>1</td>
<td>$30,433</td>
</tr>
<tr>
<td></td>
<td>Compaq Student Server Rack</td>
<td>1</td>
<td>$1,273</td>
</tr>
<tr>
<td>Software</td>
<td>MSDNAA Software</td>
<td>1</td>
<td>$1,500</td>
</tr>
<tr>
<td></td>
<td>Network Security Enterprise</td>
<td>1</td>
<td>$2,011</td>
</tr>
<tr>
<td>Maintenance or Contractual Services</td>
<td>Compaq CarePaq</td>
<td>1</td>
<td>$1,800</td>
</tr>
<tr>
<td></td>
<td>Server Professional Services</td>
<td></td>
<td>$3,000</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td></td>
<td>$40,017</td>
</tr>
</tbody>
</table>

9. Consequences of Partial Funding

State what the consequences would be on the effectiveness and viability of the proposal if it were only funded in FY 2004 at the following percentages of the requested total:

Only 75% funded: Project would remain viable through substitution of a less powerful (slower) server. However, technological lifespan of the substitute server would be limited, and the server would have to be replaced in only a few years. The full project funding is the most economical from a budget standpoint.

Only 50% funded: Reduced scope project would be viable: e.g., replacement of the mounting rack, MSDNAA software acquisition.

10. Standard Dollar Amounts
In constructing the budgetary requests in step 8 above, computer workstations should be budgeted at the
following levels:

<table>
<thead>
<tr>
<th>Workstation Type</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows/Intel processors workstation, including monitor</td>
<td>$1,800</td>
</tr>
<tr>
<td>Apple Macintosh models</td>
<td>$3,170</td>
</tr>
</tbody>
</table>

Requests departing from the above standard amounts require documentation of the specific programmatic
need that requires departure from this standard. (See Attachment 2: Standard Windows/Intel instructional
workstation.) Please explain any requested departures below:

Provide any justification narrative of programmatic requirements here.

11. Standard Replacement Thresholds

All equipment being requested due to obsolescence or inadequacy of existing equipment must be
itemized on the form provided in Attachment 3: Itemization of Equipment to be Replaced. Each item
for which replacement funding is being requested will be in one of the following two categories:

a. If the equipment to be replaced is less than 400 Mhz processor speed, this equipment is
   considered obsolete due to a University-wide standard. This standard of minimum performance
   has been set based on requirements for operating the current operating systems and office suites.
   The proposal submitter must state that the University minimum performance criteria are being
   used.

b. If the equipment to be replaced exceeds the University minimum, the proposal submitter is
   required to document specific quantitative performance requirements that warrant the replacement
   of such equipment. The equipment’s inability to perform specific functions must be identified. Also,
   a statement is required explaining why the performance of such functions is critical to the
   continued functioning of the facility in which the equipment is located. See Attachment 4:
   Equipment Exception Replacement Form, which must be completed for all replacement
   equipment that exceeds the University standard threshold.

12. Prerequisite, Non-Technology Fee, Funding

None.

13. Matching Funds

Installation labor, wiring, cabling or additional network connections will be supported by the CIS
department.

14. Staffing and Other Support Availability

Technical support provided by CIS Department, Technical Support, Rod Padilla, Manager, 1-3832,
rpadilla@gsu.edu.

15. Space Availability

No space required. Will use current space allocation in RCB server room.

16. Impact on Facilities

No impact.

17. Impact on Computing/Network Infrastructure
18. Post-Project Assessment Criteria

Project outcome milestones will be (1) installation and implementation certificate, indicating that equipment is installed, and network operational, and (2) CIS undergraduate and graduate student survey, to determine post-project usage of server information and downloaded software.

19. Review and Acknowledgements

Attach electronic notes or documentation showing that the following units or administrators have reviewed or acknowledged this proposal:
Dean or functional unit endorsement
Matching funds commitment from appropriate fiscal officer
CBSAC approval, if necessary
University Computing and Communications Services review or acknowledgement, if necessary
Planning and Facilities review or acknowledgement, if necessary
GEORGIA STATE UNIVERSITY  
Technology Fee FY 2004  
Itemization of Equipment to be Replaced  
Due to Obsolescence or Inadequacy

Unit: Computer Information Systems

Proposal Submitter: Roderick Padilla

Proposal/Award Title: Student Server Rack and Production Server Replacement

If this proposal includes a request to replace old equipment with newer equipment due to obsolescence or inadequate performance, please itemize the specific machines or software to be replaced.

<table>
<thead>
<tr>
<th>Station Number</th>
<th>GSU ID</th>
<th>Serial No.</th>
<th>Current Room Location</th>
<th>Make</th>
<th>Model</th>
<th>CPU</th>
<th>Mhz</th>
<th>Manu. Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>132083</td>
<td>D810BLC10020</td>
<td>RCB-411</td>
<td>Compaq</td>
<td>7000</td>
<td>Dual-Pentium</td>
<td>200</td>
<td>Mar-98</td>
<td></td>
</tr>
</tbody>
</table>