



TO: Juvenile Welfare Board Members

FROM: James E. Mills, Executive Director 
Patricia K. Gehant, Director of Information Systems 

Requested Action

The Juvenile Welfare Board is requested to authorize staff to contract for the purchase of hardware and software for up to \$63,500 to upgrade the JWB network to Windows 2000 (\$15,260) and implement the Multi CSC SAMIS project (\$48,240). The upgrade to the JWB network is a planned upgrade. The Multi CSC project is a new project and funded in part by Palm Beach Children's Services Board and Jacksonville Children's Council.

Options

1. Authorize staff to contract for the purchase of hardware and software up to \$63,500 to upgrade the JWB network to Windows 2000 and implement the Multi CSC SAMIS project.
2. Deny request.
3. Any other action the Board deems appropriate.

Recommended Action

Authorize staff to contract for the purchase of hardware and software up to \$63,500 to upgrade the JWB network to Windows 2000 and implement the Multi CSC SAMIS project.

Source of JWB Funds

Non-Operating Technology Implementation.

Fiscal Impact

The Non- Operating Technology Implementation Fund will be decrease by \$63,500 from \$515,735 to \$452,235.

Narrative

It is recommended that the planned FY 2000-2001 upgrade to the JWB network occur simultaneously with the implementation of the Multi CSC SAMIS project. The original conversion was scheduled for July 2001; this action moves the schedule up one month to June 2001. The Multi CSC SAMIS project is being designed using Windows 2000 features. This request is to move forward with the upgrade to Windows 2000 operating system on the existing JWB network and to purchase the hardware and software necessary to implement the Multi CSC SAMIS network.

Summary of Costs

Hardware and Software

	Total	Pam Beach	Duval	Pinellas
Hardware/Software SAMIS	\$ 48,240	\$ 16,080	\$ 16,080	\$ 16,080
JWB Network	\$ 15,260			\$ 15,260
Total by County	\$ 63,500	\$ 16,080	\$ 16,080	\$ 31,340

The Multi CSC SAMIS Project

The new system was developed employing the latest technologies of Windows 2000 operating system. In addition, two new servers are required to implement the new more efficient design. Currently, the configuration uses one server to house the production (or live) database, the training and testing databases. Performance becomes a problem when all three activities occur simultaneously – which is the current situation. The user will see an increase in the performance (i.e. speed) with new servers and the segmentation of the databases on separate servers.

The benefit of the Multi CSC project is to increase the resources available for enhancements to SAMIS. JWB would have had to have upgraded the hardware configuration of SAMIS to maintain a reasonable level of performance without the expansion to Multi CSC use. With partners, the cost is shared. In addition, Jacksonville Children's Board provided the WEB testing server, which required only \$2,472 to upgrade. The cost of the multi CSC project will be \$48,240 of which JWB will pay 1/3 of the costs.

JWB Network Upgrade

The FY 2000-01 Budget includes a Board approved allocation of \$90,000 for Phase I Hardware and Software upgrades. The three-year technology plan has scheduled a conversion to Windows 2000 operating system and a 1/3 replacement of desktop hardware. The desktops are scheduled to be upgraded in August, pending Board approval in July. The cost of the upgrade of the JWB network is \$15,260.

The reason for the upgrade from Windows NT Server to Windows 2000 Advanced Server is:

Reliability - Significant improvements have been made in the Windows 2000 system architecture help deliver higher uptime (fewer problems) than Windows NT.

Availability - The Windows 2000 Advanced Server increase the system's availability to users during maintenance using the clustering technologies included with the operating system, which let you couple servers together to support specific tasks.

Performance - Windows 2000 Advanced Server delivers industry-leading performance. Microsoft tests show that Windows 2000 Server is up to 49 percent faster when deployed as a file server.

Scalability - Windows 2000 will allow for increased ease of expansion to improve performance in the future.

Manageability - The Windows 2000 makes it easier to deploy, configure, and use advanced networking capabilities by providing centralized, customizable management services. The ability to manage the system remotely is more secure and user friendly.

Internet-Ready - Windows 2000 Server provides a well-integrated package containing

the application development environment, Web services, security, and scalability. Windows 2000 supports a wide range of hardware and peripherals.

Bid Process

The system requirements were released to four vendors, all of which are on the State Vendors contract list. The vendors have worked with JWB in the past and have been able to meet the JWB requirements and have demonstrated their ability to provide quality services and products. All quotes were for items on the State approved list and were offered at the State rate or below. At the time of the Board mailing, staff were still negotiating with the vendors for the final cost and hardware configuration.

Resource Person: Patricia K. Gehant