KELLER INDEPENDENT SCHOOL DISTRICT

_____

13K.   **Preview**   **Date: May 9, 2005**

SUBJECT: **STORAGE AREA NETWORK SERVER UPGRADE**

BOARD GOAL: **Budget and Finance**

FISCAL NOTE: **Budgeted in Technology Fund**

ANTICIPATED
DATE FOR ACTION: **May 23, 2005**

Background Information:

- Currently, Keller ISD has 33 servers that are utilizing disk storage from a storage area network (SAN). Services that are stored on the SAN are e-mail, web services, file and print sharing, and the document management system. Keller ISD is faced with an aging SAN that has limited functionality and growth. System performance is becoming noticeably affected and storage space is becoming sparse.

- The storage area network solution helps by allowing an instant backup of data before updates or changes are made.

- The SAN also allows higher availability to e-mail and file storage. The benefit of a SAN not only allows more consistent operation, but saves time and money. A SAN makes an immediate backup of the operating system so that service can be quickly restored in case anything goes wrong.

- The current SAN solution has eliminated the need for extra personnel to manage server hardware and has relieved the stress to teachers and students from having unavailable services.

Administrative Considerations:

- The Technology Department has taken extreme precautions and lengthy considerations to develop a future plan for Keller ISD's storage solution. The new storage plan addresses immediate needs and long-term storage concerns. The future storage area network solution must address the following needs:

  ➢ Increased performance over the current system
  ➢ Ability to add new services to the SAN
  ➢ Redundancy
  ➢ Allow economically sensible growth for future storage needs
  ➢ Maintain use of the existing SAN

  Technology has budgeted $190,000 for this upgrade.

  Keller ISD will be obtaining proposals from Catalog Information Systems Vendors (CISV) from the State Texas Building and Procurement Commissions to meet legal requirements.

++

Respectfully submitted,

Denise Sullivan
Director of Purchasing

Joe Griffin
Executive Director of Information Technology