

**RESOLUTION
ROCK COUNTY BOARD OF SUPERVISORS**

Mickey Crittenden, Director of IT
INITIATED BY



Mickey Crittenden, Director of IT
DRAFTED BY

Finance Committee
SUBMITTED BY

August 23, 2011
DATE DRAFTED

Authorizing Purchase of Unitrends Disk-to-Disk Backup System

- 1 **WHEREAS**, the implementation of a disk-to-disk backup system is an Information Technology
- 2 strategic initiative and Capital Improvement Program project; and,
- 3
- 4 **WHEREAS**, the replacement of the County's 10-year old tape backup library will address the time
- 5 requirements for backing up all of the County's servers and data and enhance disaster recovery
- 6 capacity; and,
- 7
- 8 **WHEREAS**, the Information Technology 2011 Capital Improvements Budget did specify sufficient
- 9 funds for the replacement of the tape library with a disk-to-disk backup system; and,
- 10
- 11 **WHEREAS**, the Information Technology Department staff did specify the configuration of an
- 12 appropriate disk-to-disk backup system; and,
- 13
- 14 **WHEREAS**, the specified disk-to-disk backup system will be purchased using the pricing and terms of
- 15 the State of Wisconsin UW Contract #MV10-2052.
- 16
- 17 **NOW, THEREFORE, BE IT RESOLVED** by the Rock County Board of Supervisors duly assembled
- 18 this 8 day of Sept, 2011 that a Purchase Order for a disk-to-disk backup system be
- 19 issued to Unitrends Corp. in the amount of \$68,411.

11-9A-451

Respectfully submitted,

FINANCE COMMITTEE

Mary Mawhinney
Mary Mawhinney, Chair

PURCHASING PROCEDURAL ENDORSEMENT

Mary Mawhinney 5-0 9-1-11
Chair Vote Date

Sandra Kraft
Sandra Kraft, Vice Chair

J. Russell Podzilni
J. Russell Podzilni

David Diestler
David Diestler

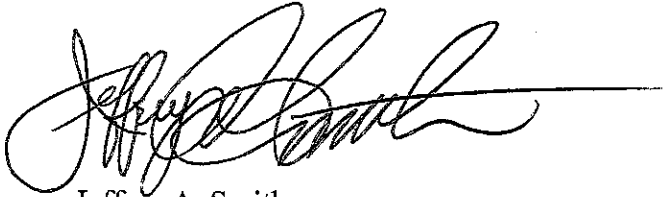
Mary Beaver
Mary Beaver

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FISCAL NOTE:

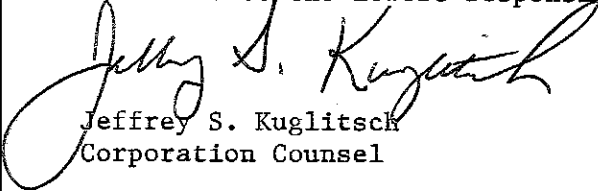
\$437,615 is included in the IT Capital Projects 2011 budget, A/C 07-1444-0000-67171, including the purchase of disk-to-disk backup system. This project is mostly funded by the 2011 long term debt issue.



Jeffrey A. Smith
Finance Director

LEGAL NOTE:

The County Board is authorized to take this action pursuant to secs. 59.01 and 59.51, Wis. Stats. In addition, sec. 59.52(29), Wis. Stats. requires the project to be let to the lowest responsible bidder.



Jeffrey S. Kuglitsch
Corporation Counsel

ADMINISTRATIVE NOTE:

Recommended.



Craig Knutson
County Administrator

Executive Summary for the Purchase of a Unitrends Disk-to-Disk Backup System

As a Capital Improvement Program project and part of the 2011 budget, this strategic initiative is focused on replacing the County's 10-year old backup tape library system with a new disk-to-disk backup system. The new system will securely backup all of the County's servers and data within a significantly reduced time period. The new system will be used to create complete nightly backups of all Unix, Linux, and Windows servers used by the County.

While the primary purpose of the new disk-to-disk backup system is to reliably and consistently safeguard County systems, there are other significant benefits to the County, including:

- Reduced staff time spent verifying backups and resolving backup failures (currently, an average of 18 staff-hours per week are spent on system backup activities. This will decrease by at least 12 staff-hours per week.);
- Reduced staff and user time spent restoring files as requested by users or for correcting application failures, and
- Streamlined disaster recovery process for assuring business continuation for County operations.

The major components of the disk-to-disk backup system include:

- Dual Unitrends Recovery 732 Backup Appliances;
- One Rotational Archive unit for off-site placement of backed-up data, and
- Fibre Channel connectivity to the County's storage area network.

The planned, useful life for the new disk-to-disk backup system is 5-7 years, and it can be expanded to accommodate additional storage, as may be dictated by future County requirements.

The total cost of the disk-to-disk backup system is \$68,411, which includes installation and the first year of support services. The system will be purchased using the pricing and terms of the State of Wisconsin UW Contract MV10-2052.